

# Cross-reference Compatibility Guide

## Plantronics Audio Devices and Accessories for Technology Partners

Update 4.22.11

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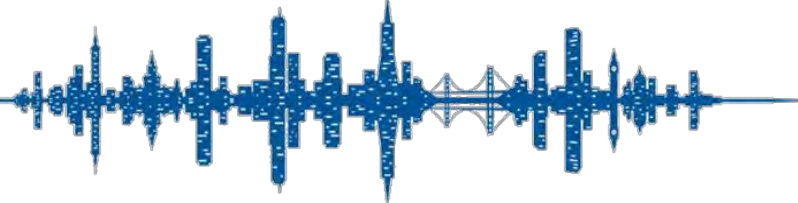
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GENESYS®  
AN ALCATEL-LUCENT COMPANY

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## Read Me First

### PURPOSE OF THIS GUIDE

This guide provides desk phone and softphone compatibility information for each of the primary Plantronics Technology Partners. It provides one tool for product reference information, pre-sales customer handouts, and post-sales installation. The guide is updated online quarterly as a single source for Plantronics Sales Channel and Partners. It can be found on the **Plantronics Source** and the **Plantronics Partner Portal**. All content is synchronized with the online **Plantronics Product Configurator** to ensure consistency across tools.

### CONTENT ORGANIZED BY TECHNOLOGY PARTNER

The guide is divided into sections, one for each of 15 Technology Partners. Each Technology Partner section includes 5 content areas:

Part 1	Audio Devices for UC Applications and Phones
Part 2	Features Guide for Wireless, Corded, Bluetooth and USB Audio Devices
Part 3	Quick Reference Guide
Part 4	EHS Adapters and Connectors Guide
Part 5	Setup Diagrams and Technical Notes

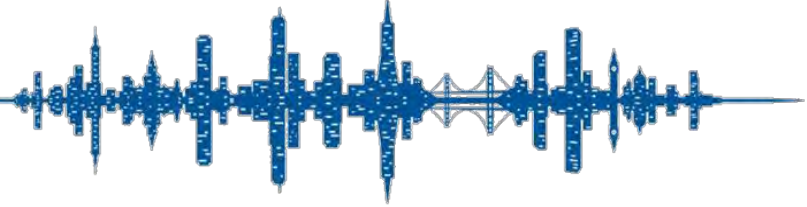
### HOW TO USE – 3 EASY STEPS

The guide format is PowerPoint and the content modular to enable easy customization. The content of the guide can be used as a set of comprehensive pre-sales reference materials for a single partner platform – or as single customer handouts. Follow these 3 easy steps:

1. Open a new, empty PPT slide deck
2. Open the *Cross-reference Compatibility Guide*, select the specific slides you want to use, and copy/paste them into your empty deck
3. Open your new slide deck and save.  
**Note:** To send externally, save your deck as a PDF: Go to the 'Office Button' in the upper right corner of your menu bar. Select 'Save As' and 'PDF'.

### CISCO EXAMPLE – SECTION 4

Cisco pg 1-10	<i>Complete Cisco reference materials – 'everything Cisco' in one package .</i>
Cisco pg 1-2	<i>Audio Devices for Cisco UC and Cisco Phones – one-page, two-sided handout introducing Plantronics solutions unique to a customer's platform.</i>
Cisco pg 3-5	<i>Features Guide for Audio Devices Compatible with Cisco – detailed information on wireless, corded, Bluetooth and USB audio devices.</i>
Cisco pg 6-7	<i>Cisco Quick Reference Guide – pre-sales overview of all UC audio devices from Plantronics.</i>
Cisco pg 8	<i>Cisco EHS Matrix – post-sales tool to ensure the correct EHS adapters are configured into the final solution.</i>
Cisco pg 9-10	<i>Post-sales Cisco Setup Diagrams and Technical Notes – for device installation.</i>



## Glossary of Plantronics Technology Terms

**A2DP** - A Bluetooth profile that enables high quality audio content to be streamed from one device to another, letting you listen to music, podcasts or follow GPS directions wirelessly through your headset.

**AudioIQ<sup>2</sup>™** - Keeps Bluetooth calls clear regardless of environment, automatically adjusting incoming and outgoing calls to a comfortable, clear level.

**Clearline Audio** – Incoming and outgoing noise reduction, automatic gain control, and superior protection against loud incoming sounds.

**Echo Cancellation** - Suppress echo, especially in VoIP.

**Smart Sensor Technology** - Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.

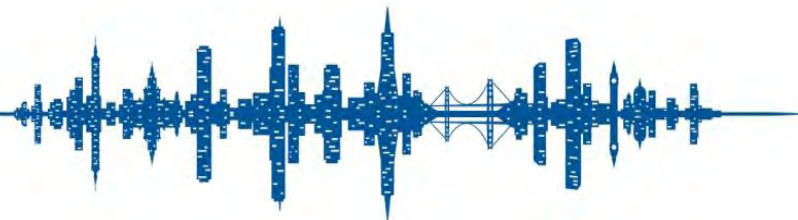
**SoundGuard®** - Sound leveling for listening comfort and acoustic limiting for protection against instantaneous sounds spikes above 118 dBA.

**SoundGuard DIGITAL™** - All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.

**Wideband** - Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.

**WindSmart Technology** – Advanced noise-reduction reduces disruptive wind noise.

plantronics®



Alcatel-Lucent

Section 1

# Audio Devices Compatible with Alcatel-Lucent® UC



Alcatel-Lucent

A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for Alcatel-Lucent PIMPhony and 4980 Softphone.

## Alcatel-Lucent UC Applications

Nome	Numero	Data	Tempo	Costo
Sandra CARVALHO	06-24.67.54.53	23/09/2004 14:20	4:12	-
Nicolao	375	23/09/2004 14:46	9:55	-
Daniela AMORIM	02-33.48.52.13	23/09/2004 15:02	1:36	-
Sandra CARVALHO	06-24.67.54.53	23/09/2004 15:03	4:20	-
Sandra CARVALHO	06-24.67.54.53	23/09/2004 15:07	5:37	-
Sandra CARVALHO	06-24.67.54.53	23/09/2004 16:14	7:19	-
Daniela AMORIM	02-33.48.52.13	23/09/2004 16:24	3:30	-
Daniela AMORIM	02-33.48.52.13	23/09/2004 16:48	1:50	-
Daniela AMORIM	02-33.48.52.13	23/09/2004 17:36	9:25	-
Nicolao	375	23/09/2004 17:54	8:44	-

**PIMPhony** is a phone system that operates directly on a user's PC, transforming the PC into an IP terminal, particularly cost-effective for remote and mobile workers.



**4980 Softphone** is a next-generation PC telephony application that manages communications and information by linking the desktop PC and the telephone. It seamlessly integrates with most popular workgroup applications.

### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, Blackwire USB Coded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

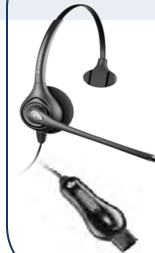
Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

## USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

# Audio Devices Compatible with Alcatel-Lucent® Phones



Alcatel-Lucent

In the Contact Center and across the Enterprise, Plantronics® delivers a comprehensive portfolio of wireless and corded audio solutions with remote call control for Alcatel-Lucent desk phone communications.

## Alcatel-Lucent Phones



IP Touch 8 Series



9 Series TDM

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Corded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

## Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.

## Remote Call Control for Wireless Headsets

- APA-20 Adapter for Savi Wireless Systems
- APA-2 Adapter for CS Wireless Systems



# Features Guide for Wireless Audio Devices



Alcatel-Lucent

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)



W430  
(Over-the-Ear)

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with PIMPhony and 4980 Softphone.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Audio compatibility for Alcatel-Lucent® PIMPhony and 4980 Softphone.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N  
(SupraPlus Wireless Binaural)



CS351N  
(SupraPlus Wireless Monaural)



CS50  
(Convertible)



CS55 (Convertible)



CS50-USB (Convertible)



CS70N (On-the-Ear)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select Alcatel-Lucent soft phones.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone, PC (CS50-USB).

**Software Compatibility:** Audio compatibility for Alcatel-Lucent PIMPhony and 4980 Softphone.



# Features Guide for Bluetooth and USB Audio Devices



New features for Plantronics mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudiolQ<sup>2™</sup> and WindSmart<sup>®</sup> technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Audio compatibility for Alcatel-Lucent<sup>®</sup> PIMPhony and 4980 Softphone.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard<sup>®</sup> hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for Alcatel-Lucent PIMPhony and 4980 Softphone.



# Features Guide for Corded Audio Devices



Compare the features required for your communications environment and work style. Plantronics delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for Alcatel-Lucent® PIMPhony and 4980 Softphone.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N

(SupraPlus Wideband Binaural)



HW251N

(SupraPlus Wideband Monaural)



HW301N

(EncorePro Binaural)



HW291N

(EncorePro Monaural)



H81N

(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.






### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™








# Headsets and Audio Endpoints for Alcatel•Lucent®

Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth® and corded headsets and audio endpoints compatible with Alcatel•Lucent for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control</b>	Audio only, no call control	Audio only, no call control	Audio only, no call control	Audio only, no call control	Audio only, no call control
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	PIMPhony, 4980				

\*Audio only, no call control

# Headsets and Audio Endpoints for Alcatel•Lucent®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility*</b>	PIMPhony, 4980					

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# EHS Adapters and Connectors for Alcatel-Lucent® Phones



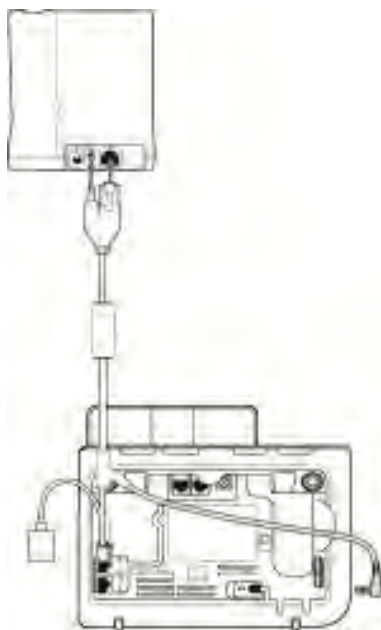
Alcatel-Lucent

EHS remote call control (call notification, answer/end, volume, mute) is enabled for Alcatel-Lucent phones by the Plantronics® APA-2 EHS adapter for the CS Wireless Systems and the APA-20 for the Savi Wireless Systems.

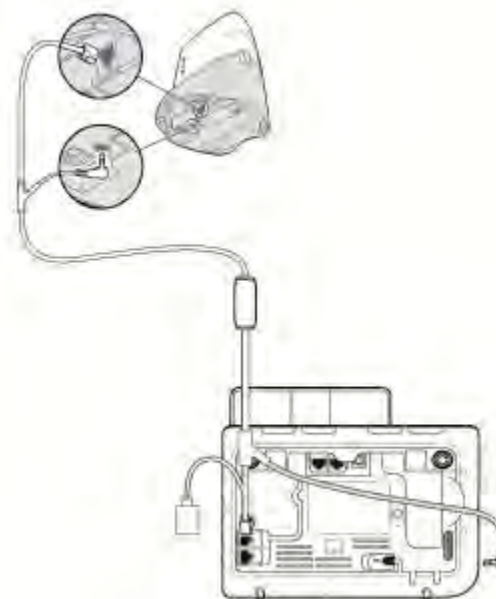
Alcatel-Lucent Phone	CS Wireless System EHS Adapters for Alcatel-Lucent		Savi® Wireless System EHS Adapters for Alcatel-Lucent	
	Product Name	Part #	Product Name	Part #
IP Touch 4028	APA-2	38348-01	APA-20	37819-01
IP Touch 4038	APA-2	38348-01	APA-20	37819-01
IP Touch 4068	APA-2	38348-01	APA-20	37819-01
Touch 4029	APA-2	38348-01	APA-20	37819-01
Touch 4039	APA-2	38348-01	APA-20	37819-01
Octophon Open 140 IP	APA-2	38348-01	APA-20	37819-01
Octophon Open 141	APA-2	38348-01	APA-20	37819-01
Octophon Open 150 IP	APA-2	38348-01	APA-20	37819-01
Octophon Open 151	APA-2	38348-01	APA-20	37819-01
Octophon Open 160 IP	APA-2	38348-01	APA-20	37819-01

## Setup Diagrams for EHS Adapters

### Savi® Wireless System with APA-20



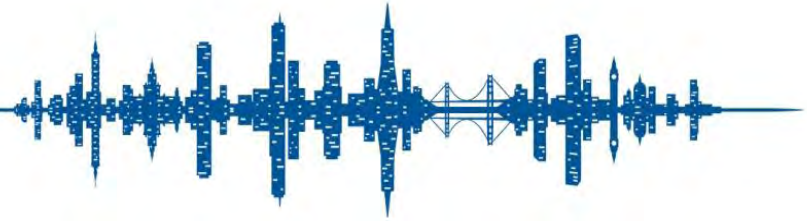
### CS Wireless System APA-2



## Technical Notes

1. Special unit required – has bi-directional communications
2. Headset has to be enabled in the phone by going to Settings>set>plug into jack>headset on the phone. The headset checkbox on the main screen has to be unchecked  
Phone then automatically detects headset when the cable is plugged into the 3.5mm receptacle and the screen shows the headset ICON

plantronics®

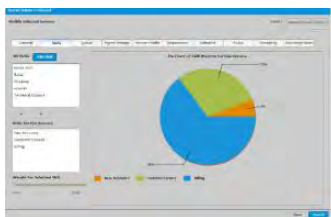


 Aspect™

Section 2

A broad range of Plantronics wireless, USB and Bluetooth audio devices deliver audio compatibility for Aspect EnsemblePro.

## Aspect UC Applications



**EnsemblePro™** delivers a wide range of powerful applications that are designed to empower agents, speed response time, and take customer service to a new level.

From phone to fax to the Web, EnsemblePro is equipped with innovative tools needed to manage customer interactions across all channels.

### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, Blackwire USB Coded Headsets, Voyager Bluetooth Headsets, Calisto USB Phones, and H-Series Headsets.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

### USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.



# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with EnsemblePro™.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430)

**Software Compatibility:** Audio compatibility for EnsemblePro.

## CS Wireless System

Connects to a PC. Best for users of extensive PC communications in noisy environments. The CS50 is the only USB headset in this category of noise-canceling wireless headsets for office desk phones.



**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with EnsemblePro

**Device Connection:** PC

**Software Compatibility:** Audio compatibility for EnsemblePro.

# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager® PRO UC** integrates the new Smart Sensor Technology for a seamless user experience, and incorporates AudiIQ<sup>2™</sup> and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile phone + PC.

**Software Compatibility:** Audio compatibility for EnsemblePro™.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto® 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for EnsemblePro.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire™ 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for EnsemblePro™

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N  
(SupraPlus Wideband Binaural)



HW251N  
(SupraPlus Wideband Monaural)



HW301N  
(EncorePro Binaural)



HW291N  
(EncorePro Monaural)



H81N  
(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.






### Device Connection

- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™








# Headsets and Audio Endpoints for Aspect®

Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth and corded headsets and audio endpoints compatible with Aspect for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control</b>	Audio only, no call control	Audio only, no call control	Audio only, no call control	Audio only, no call control	Audio only, no call control
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	<b>EnsemblePro</b>				

\*Audio only, no call control

# Headsets and Audio Endpoints for Aspect

	 Blackwire™ 200 Series	 Blackwire 420	 Blackwire 600 Series	 SupraPlus® with DA45™	 Calisto® 420	<b>Technology Legend</b>  <b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.  <b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.  <b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.  <b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.  <b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.  <b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	
<b>Call Control</b>	Audio only, no call control	Audio only, no call control	Audio only, no call control	Audio only, no call control	Audio only, no call control	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility*</b>	EnsemblePro					

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plantronics®



AVAYA

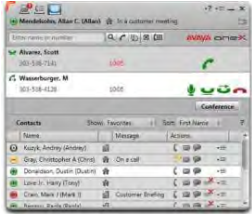
Section 3

# Audio Devices Compatible with Avaya® UC



Named Preferred Headset Provider for Avaya UC and Contact Centers, Plantronics® is the first to market with remote call control for Avaya one-X® Agent, Avaya one-X® Communicator and the new Avaya Flare® Experience Desktop Video Device.

## Avaya UC Applications



**Avaya one-X® Communicator** combines soft phone, intelligent presence, voice/video calling, visual voicemail and video conferencing, as well as access to corporate directories and call logs to help users better manage communication tasks.



**Avaya one-X® Agent** is designed to meet the needs of Contact Center Agents by providing one-touch access to functions such as conference, transfer, supervisor assist, pre-recorded greetings, integrated presence and instant messaging.



**Avaya Flare® Experience** Desktop Video Device enables multi-modal communication and collaboration for desktop video, social media, audio, video and web conferencing, multiple directories, presence, instant messaging and contextual history.

Call Control for Wireless (Remote) & Corded Headsets  
[Plantronics.com/software](http://Plantronics.com/software)

**Plantronics Unified Runtime Engine** enables remote call control – including call notification, answer/end, volume and mute – for the Savi Wireless System, Voyager Bluetooth Headsets, Blackwire USB Corded Headsets, and Calisto USB Phones (volume and mute).

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Corded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

## USB Audio Processors for H-Series Corded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Corded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.



# Audio Devices Compatible with Avaya® Phones

In the Contact Center and across the Enterprise, Plantronics® delivers a comprehensive portfolio of wireless and corded audio solutions with remote call control for Avaya PC and desk phone communications.

## Avaya Phones



1100 Series



1400 Series



1600 Series



2400 Series



4600 Series



5400 Series



5600 Series



9600 Series

### Remote Call Control for Wireless Headsets

- APV-62 , APV-65 and APU-70 Adapters for Savi Wireless Systems
- APV-6A , APV-6B and APU-7 Adapters for CS Wireless Systems



## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Corded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

### Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.

# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk phone. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300

(Over-the-Head, Monaural)



WO350

(Over-the-Head, Binaural)



W430

(Over-the-Ear)

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with Avaya® one-X Communicator, and Avaya one-X Agent .

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Remote call control for Avaya IP Softphone, Avaya one-X® Communicator, Avaya one-X® Agent, Avaya IP Agent, Avaya Aura® Communication Manager enabled by Plantronics Unified Runtime Engine.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N

(SupraPlus Wireless Binaural)



CS351N

(SupraPlus Wireless Monaural)



CS50

(Convertible)



CS55

(Convertible)



CS50-USB

(Convertible)



CS70N

(On-the-Ear)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select Avaya phones.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone, PC (CS50-USB).

**Software Compatibility:** For the CS50-USB, remote call control for Avaya IP Softphone, Avaya one-X Communicator, Avaya IP Agent, Avaya 9600 IP Phones with Bluetooth®, Avaya Aura Communication Manager enabled by Plantronics Unified Runtime Engine.

# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® audio devices incorporate sensor technology and Plantronics Unified Runtime Engine to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on, remove the headset to pause streaming media, and synchronize presence updates across devices and softphones.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudiIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Remote call control for Avaya® IP Softphone, Avaya one-X® Communicator, Avaya IP Agent, Avaya 9600 IP Phones with Bluetooth and Avaya Aura® Communication Manager enabled by Plantronics Unified Runtime Engine.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



P210-A  
(USB Handset)



Calisto 420  
(USB Speakerphone)

**Calisto 210-A** is a user-friendly handset that provides a familiar phone interface with the standard phone keypad design to ease the transition to PC calling.

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** For Calisto USB Speakerphone, call control with Avaya One-X® Bridge. Volume and mute control for Avaya IP Softphone, Avaya one-X® Communicator, Avaya one-X® Agent and Avaya IP Agent enabled by Plantronics Unified Runtime Engine. For Calisto USB Handset, volume and mute control for Avaya one-X® Communicator and Avaya Aura Communication Manager enabled by Plantronics Unified Runtime Engine.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Call control for Avaya IP Softphone, Avaya one-X® Communicator, Avaya one-X® Agent, Avaya IP Agent, Avaya Aura® Communication Manager enabled by Plantronics Unified Runtime Engine.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N  
(SupraPlus Wideband Binaural)



HW251N  
(SupraPlus Wideband Monaural)



HW301N  
(EncorePro Binaural)



HW291N  
(EncorePro Monaural)



H81N  
(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.

### Device Connection






- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™



# Experience the Avaya® Advantage from Plantronics®

## Named Preferred Headset Provider for Avaya Unified Communications

Plantronics® delivers a comprehensive portfolio of audio solutions with remote call control that are certified-compatible with Avaya desk phones, IP softphones, one-X® Communicator and one-X® Agent. Plantronics continues to expand the features of its portfolio with hardware and software intelligence and seamless compatibility for Avaya Flare® Experience devices. Plantronics is a top-tier Platinum DevConnect member.






	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control**</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95

\*Performance dependent on battery and may vary by device. \*\* Enabled by P.U.R.E.

To learn more about Plantronics products optimized for Avaya Unified Communications, visit [plantronics.com/avayauc](http://plantronics.com/avayauc)



# Experience the Avaya® Advantage from Plantronics®

	 Blackwire™ 200 Series	 Blackwire 420	 Blackwire 600 Series	 Calisto 210	 Calisto 420	Technology Legend
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	PC telephony users in the office or on the road	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ²</b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard®	SoundGuard Digital™	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Call Control**</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Mute, volume +/-	
<b>Limited Warranty</b>	1 year	1year	2 years	1 year	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	P210-A	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	57725.001	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	\$79.95	\$179.00	

To learn more about Plantronics products optimized for Avaya Unified Communications, visit [plantronics.com/avayauc](http://plantronics.com/avayauc)

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# EHS Adapters and Connectors for Avaya® Phones

EHS remote call control (call notification, answer/end, volume, mute) is enabled for Avaya phones by the Plantronics APV-62 and APV-65 adapters for the Savi Wireless Systems, and by the APV-6A and APV-6B adapters for the CS Wireless Systems. For remote call control with other Avaya phone models use an HL10 Lifter. HIC and HIS connectors enable a direct connection for H-Series Corded Headsets with Avaya single or multi-line desk phones.

Avaya Phone	Comments	CS Wireless System EHS Adapters for Avaya		Savi Wireless System EHS Adapters for Avaya		H-Series Corded Headsets Connectors Required for Avaya	
		Product Name	Part #	Product Name	Part #	Product Name	Part #
1120E	Note 1+3+6	APU-7	83017-01	APU-70	83018-01	N/A	N/A
1140E	Note 1+3+6	APU-7	83017-01	APU-70	83018-01	N/A	N/A
1150E	Note 1+3+6+12	APU-7	83017-01	APU-70	83018-01	N/A	N/A
1165E	Note 1+3+6	APU-7	83017-01	APU-70	83018-01	N/A	N/A
1408	Note 4	APV-6A	83681-01	APV-62	38734-01	N/A	N/A
1416	Note 5+9	APV-6A	83681-01	APV-62	38734-01	N/A	N/A
1608	Note 5+9	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
1616	Note 5+9	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
2410	Note 5+9	APV-6A	83681-01	APV-62	38734-01	None	None
2420	Note 5+9	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
4606		None	None	None	None	HIC	49323-44
4610/SW	Note 5+9/Note 1+6+10	APV6B	83682-01	APV-65	38633-01	HIC	49323-44
4612		None	None	None	None	HIC	49323-44
4620/SW	Note 5+9/Note 1+3	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
4621SW	Note 1+3	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
4622SW	Note 7+8	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
4625SW	Note 7+8	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
4630	Note 5+9	APV6A	83681-01	APV-62	38734-01	HIC	49323-44
4630SW	Note 13+14+15	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44



# EHS Adapters and Connectors for Avaya® Phones (cont'd)

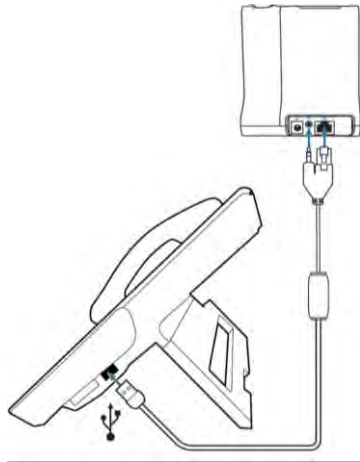


EHS remote call control (call notification, answer/end, volume, mute) is enabled for Avaya phones by the Plantronics APV-62 and APV-65 adapters for the Savi Wireless Systems, and by the APV-6A and APV-6B adapters for the CS Wireless Systems. For remote call control with other Avaya phone models use an HL10 Lifter. HIC and HIS connectors enable a direct connection for H-Series Corded Headsets with Avaya single or multi-line desk phones.

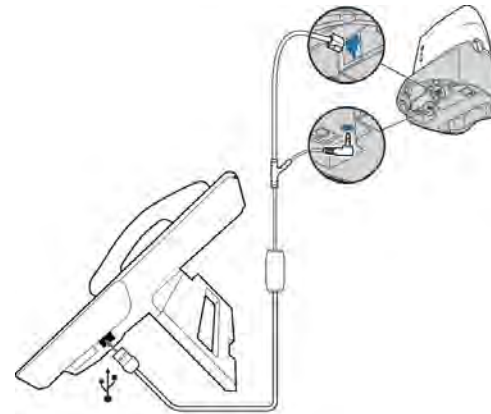
Avaya Phone	Comments	CS Wireless System EHS Adapters for Avaya		Savi Wireless System EHS Adapters for Avaya		H-Series Corded Headsets Connectors Required for Avaya	
		Product Name	Part #	Product Name	Part #	Product Name	Part #
5410	Note 4	APV-6A	83681-01	APV-62	38734-01	HIC	49323-44
5420	Note 5	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
5610	Note 5	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
5620	Note 5	APV-6B	83682-01	APV-65	38633-01	HIC	49323-44
5621	Note 1+4	APV-6A	83681-01	APV-62	38734-01	HIC	49323-44
6416D+M	Note 13+14+15+ Embedded Bluetooth®	APV-6A	83681-01	APV-62	38734-01	HIC	49323-44
6424D+M	Note 13+14+15+ Embedded Bluetooth	APV-6A	83681-01	APV-62	38734-01	HIC	49323-44
9608	Note 1	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9611/G	Note 1+4	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9620/L	Note 1	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9621/G	Note 1	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9630	Note 1+3+6+12	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9640	Note 1+3+6+12	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9641/G	Note 1+3+6	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9650	Note 1+3+6+11	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41
9670	Note 1+3+6+12	APV-6A	83681-01	APV-62	38734-01	HIS	72442-41

## Setup Diagrams for EHS Adapters

### Savi® Wireless System with APU-70



### CS Wireless System APU-7

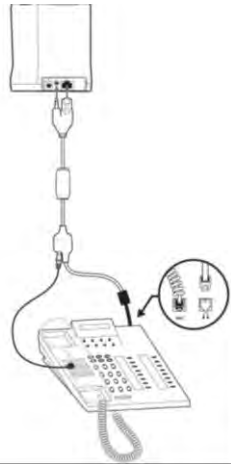


## Technical Notes

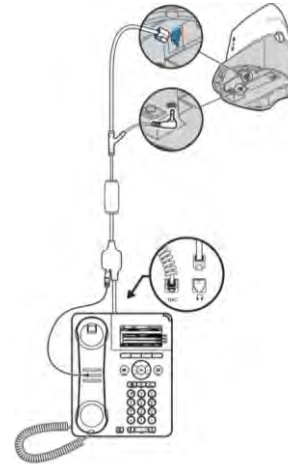
1. Ring detect cable required (included with AWH headsets and Savi adapters)
2. AWH headsets require PLT p/n 75011-01 (8400 Cord) - order from Specials (no-charge)
3. 1600/9600 Bluetooth Option Module (p/n 700383789) available
4. 24XX and 54XX phones require firmware 4.0 and greater
5. 46XX and 56XX phones require 1.8 firmware or greater
6. Europe phones Only - Phone software needs to be greater than T150. Only works on Integral 55 switch and not on Integral 5, IP Office and Communications Manager
7. Europe phones Only - EHS with Integral 5 PBX rev R3.0 or greater and phone rev T29 or greater, on Integral 55 phone rev T110 or greater
8. Europe phones Only - EHS with IP Office switch rev R6 or greater and phone rev R3.0 or greater, on Communications Manager switch rev 5.2.1 or greater and phone rev R3.0 or greater
9. If a sidecar is used with a 46XX phone then the EU24 port on the phone is used by the sidecar. An APV 62/6A can be used instead of APV 65/6B
10. Has built in Bluetooth which will pair with BT 2.1 devices with 3.1 Service Pack 2
11. Connect an adapter cable 40287-13 between the EHS and the phone when using a CS headset
12. 9608 and 96X1 need the version 6.1 SP 2 on their server
13. The latest Nortel firmware 3.1 has enabled USB support on Nortel 1120E and USB and Bluetooth support for 1140E, 1150E and 1165E.
14. The firmware revision needs to be at least rev 0624C6J (1120E), 0625C6J (1140E), 0627C6J (1150E) and up.
15. Call control needs CS1000 server. It does not work on CS2000.
16. The USB port has to be enabled on the phone by pressing the services button on the phone twice -> select preferences ->

## Setup Diagrams for EHS Adapters

### Savi® Wireless System with APV-62



### CS Wireless System APV-6A

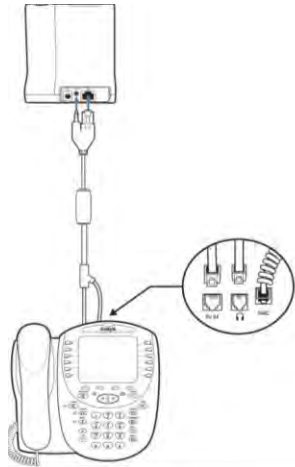


## Technical Notes

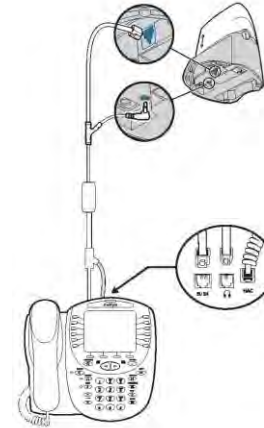
1. Ring detect cable required (included with AWH headsets and Savi adapters)
2. AWH headsets require PLT p/n 75011-01 (8400 Cord) - order from Specials (no-charge)
3. 1600/9600 Bluetooth Option Module (p/n 700383789) available
4. 24XX and 54XX phones require firmware 4.0 and greater
5. 46XX and 56XX phones require 1.8 firmware or greater
6. Europe phones Only - Phone software needs to be greater than T150. Only works on Integral 55 switch and not on Integral 5, IP Office and Communications Manager
7. Europe phones Only - EHS with Integral 5 PBX rev R3.0 or greater and phone rev T29 or greater, on Integral 55 phone rev T110 or greater
8. Europe phones Only - EHS with IP Office switch rev R6 or greater and phone rev R3.0 or greater, on Communications Manager switch rev 5.2.1 or greater and phone rev R3.0 or greater
9. If a sidecar is used with a 46XX phone then the EU24 port on the phone is used by the sidecar. An APV 62/6A can be used instead of APV 65/6B
10. Has built in Bluetooth® which will pair with BT 2.1 devices with 3.1 Service Pack 2
11. Connect an adapter cable 40287-13 between the EHS and the phone when using a CS headset
12. 9608 and 96X1 need the version 6.1 SP 2 on their server
13. The latest Nortel firmware 3.1 has enabled USB support on Nortel 1120E and USB and Bluetooth support for 1140E, 1150E and 1165E.
14. The firmware revision needs to be at least rev 0624C6J (1120E), 0625C6J (1140E), 0627C6J (1150E) and up.
15. Call control needs CS1000 server. It does not work on CS2000.
16. The USB port has to be enabled on the phone by pressing the services button on the phone twice -> select preferences ->

## Setup Diagrams for EHS Adapters

### Savi® Wireless System with APV-65



### CS Wireless System APV-6B



## Technical Notes

1. Ring detect cable required (included with AWH headsets and Savi adapters)
2. AWH headsets require PLT p/n 75011-01 (8400 Cord) - order from Specials (no-charge)
3. 1600/9600 Bluetooth Option Module (p/n 700383789) available
4. 24XX and 54XX phones require firmware 4.0 and greater
5. 46XX and 56XX phones require 1.8 firmware or greater
6. Europe phones Only - Phone software needs to be greater than T150. Only works on Integral 55 switch and not on Integral 5, IP Office and Communications Manager
7. Europe phones Only - EHS with Integral 5 PBX rev R3.0 or greater and phone rev T29 or greater, on Integral 55 phone rev T110 or greater
8. Europe phones Only - EHS with IP Office switch rev R6 or greater and phone rev R3.0 or greater, on Communications Manager switch rev 5.2.1 or greater and phone rev R3.0 or greater
9. If a sidecar is used with a 46XX phone then the EU24 port on the phone is used by the sidecar. An APV 62/6A can be used instead of APV 65/6B
10. Has built in Bluetooth® which will pair with BT 2.1 devices with 3.1 Service Pack 2
11. Connect an adapter cable 40287-13 between the EHS and the phone when using a CS headset
12. 9608 and 96X1 need the version 6.1 SP 2 on their server
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14. The firmware revision needs to be at least rev 0624C6J (1120E), 0625C6J (1140E), 0627C6J (1150E) and up.
15. Call control needs CS1000 server. It does not work on CS2000.
16. The USB port has to be enabled on the phone by pressing the services button on the phone twice -> select preferences ->

## SUMMARY OF AVAYA TO PLANTRONICS TRANSITION FOR NA - UPDATE AUGUST 27, 2010

**In February 2010**, Avaya began its transition from delivering Avaya-branded headsets manufactured by Plantronics to requiring customers to purchase directly from Plantronics' distributors and business partners the Plantronics-branded headsets designed for Avaya telephony solutions. The exception to this global transition is Avaya Germany that continues to purchase headsets directly from Plantronics.

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**The Avaya to Plantronics Headsets Transition Guide for NA** that follows details the transition from a) the original Avaya material codes, material descriptions and equivalent Plantronics product name, part number and last order date, to b) the Plantronics replacement product name and new Plantronics part number.

**As of June 28, 2010**, the transition was completed for most Avaya-branded headsets. All Avaya-branded corded headsets have transitioned to the Plantronics-branded SupraPlus, EncorePro and TriStar. Avaya-branded wireless headsets have transitioned to the Plantronics-branded CS Series - with the exception of the ABT35+ to be replaced by the Voyager 510 after a last order date of 11/30/10. For Avaya-branded USB headsets, the AWH55 USB will be replaced by the CS50 USB after a last order date of 11/30/10.

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**The Guide to Plantronics EHS Adapters & Cables for Avaya Phones** that follows the Transition Guide below provides the Plantronics adapters and connectors required for each Avaya phone.

**As of July 12, 2010**, the adapters and cables required for each Avaya phone model have new Plantronics part numbers.

**EHS adapters required for call control with the CS Series and Savi Series** are listed by name and new Plantronics part number for each Avaya phone model:

- CS Series: APV6A (shipping) and APV6B (available 8/1/2010)
- Savi Series: APV62 (available 8/1/2010) and APV65 (available 8/1/2010)

**The cables required for the H-Top Series** are also listed by name and new Plantronics part number for each Avaya phone model :

- HIC and HIS (shipping)
- HIP (to be replaced by the HIC with last order date 9/6/2010)
- Ring Detection (shipping)
- M12LUCM (shipping)
- 8400 SOTA (shipping)

## AVAYA TO PLANTRONICS HEADSET TRANSITION GUIDE FOR NORTH AMERICA - UPDATE AUGUST 27, 2010



Original Avaya Material Code	Original Avaya Material Description	Original Plantronics Product Name	Original Plantronics Part #	Last Order Date	Plantronics Replacement Product <i>**See Guide to Avaya EHS Cables &amp; Adapters</i>	New Plantronics Part #
<b>CORDED HEADSETS</b>						
<b>SupraElite</b>						
700343718	HDST - SUPRA ELITE MON VT (AH450)	AH450	67488-01	Completed	SUPRAPLUS MON VT HW251	64336-31
700343734	HDST - SUPRA ELITE BI VT (AH460)	AH460	67490-01	Completed	SUPRAPLUS BI VT HW261	64337-31
700343726	HDST - SUPRA ELITE MON NC (AH450N)	AH450N	67489-01	Completed	SUPRAPLUS MON NC HW251N	64338-31
700343742	HDST - SUPRA ELITE BI NC (AH460N)	AH460N	67491-01	Completed	SUPRAPLUS BI NC HW261N	64339-31
<b>SupraElite Wideband</b>						
700453012	HDST WBAND2 MONRL AW450N	AW450N	72463-03	Completed	SUPRAPLUS MON NC HW251N	64338-31
700453020	HDST WBAND2 BINRL AW460N	AW460N	72464-03	Completed	SUPRAPLUS BI NC HW261N	64339-31
<b>EncoreElite</b>						
700470578	ENCORE ELITE MONAURAL	AH390N	81367-01	Completed	ENCOREPRO MONAURAL NC HW291	78712-01
700470586	ENCORE ELITE BINAURAL	AH400N	81368-01	Completed	ENCOREPRO BINAURAL NC HW301N	78714-01
<b>Tri-Star</b>						
408020758	TRI STAR HEADPIECE NOISE CANCL STANDARD	TRISTAR ULTRA NC	49110-01	Completed	TRISTAR H81N HEADSET	40203-01
<b>WIRELESS HEADSETS</b>						
<b>ABT-35x Bluetooth</b>						
700428170	ABT-35S+ BLUETOOTH HEADSET W/HSC	ABT35+	72835-02	11/30/2010	ABT35+ (to be replaced by Voyager 510S)	72835-02
<b>AWH 54/55/65/75</b>						
700373301	HDST AWH-54 WIRELESS HDST W/O HSC	AWH-54	69514-02	6/25/2010	CS50 plus required adapter**	63120-20
700428204	AWH-55+ WRLS HEADSET W/HSC	AWH-55+	63120-22	6/25/2010	CS50 plus required adapter**	63120-20
700446313	AWH75N EXEC WRLS HEADSET W/HSC	AWH75N	77306-01	6/25/2010	CS70N plus required adapter**	70450-06
<b>SupraElite</b>						
700420276	SUPRAELITE MONRL NC WRLS	AWH450N	72236-04	6/25/2010	CS351N plus required adapter**	70510-06
700420300	SUPRAELITE BINRL NC WRLS	AWH460N	72235-01	6/25/2010	CS361N plus required adapter**	70520-06

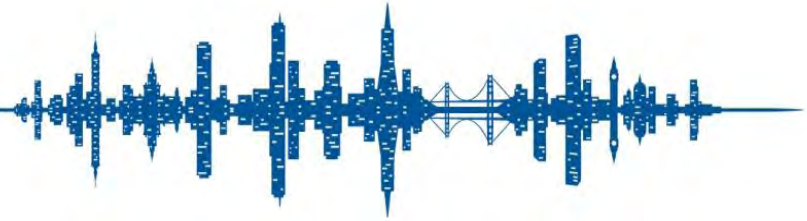
## AVAYA TO PLANTRONICS HEADSET TRANSITION GUIDE FOR NORTH AMERICA - UPDATE AUGUST 27, 2010



Original Avaya Material Code	Original Avaya Material Description	Original Plantronics Product Name	Original Plantronics Part #	Last Order Date	Plantronics Replacement Product <i>**See Guide to Avaya EHS Cables &amp; Adapters</i>	New Plantronics Part #
<b>USB/PC HEADSETS</b>						
700438534	ABT 35 USB HEADSET	ABT35-USB	72830-30	Completed	510-USB,US, VOYAGER HEADSET,W/BUA 100 ADAPTER	72830-01
700373335	HDST AWH-55 USB WIRELESS HEADSET	AWH-55-USB	67000-11	11/30/2010	CS50-USB	67000-10
700414139	HEADSET QD-USB ADAPTER RHS	DA55 USB ADAPTER	66251-02	Completed	DA55 USB ADAPTER	63725-03
<b>CABLES AND ADAPTERS</b>						
700304058	HEADSET ADPTR 8400 ONE TOUCH	8400 SOTA	65672-01	Completed	8400 SOTA	65672-41
700414147	HEADSET MOD BASE UNIT KS23822L26 RHS	M12LUCM,AMP,AVAYA	61642-03	Completed	M12LUCM, AMP, AVAYA	61642-43
700409881	HIS HEADSET CBL FOR 1600/9600 PHONES	HIS, AVAYA, ADAPTER CABLE	72442-01	6/7/2010	HIS ADAPTER CABLE**	72442-41
700414089	HEADSET HIC CORD	HIC-1 CE2001,ADAPTER CABLE,PACKED (700 414 089)	49323-04	6/7/2010	HIC-1 CE2001,ADAPTER CABLE**	49323-44
700414121	HEADSET HIP QD CORD- 4606/16/24/30 RHS	HIP,ADAPTER CABLE,PACKED,(700 414 121)	61804-03	9/6/2010	HIC-1 CE2001,ADAPTER CABLE**	49323-44
700414154	HEADSET Y TRAINING CBL RHS	KIT,Y-ADAPTER TRAINER	62011-02	Completed	SPARE,KIT,Y-ADAPTER TRAINER	27019-03
407721034	CALLMR V/VI HEADSET ADAPTER CORD	ASSY AMP MOD ADAP SPR	42553-01	Completed	CABLE ASSY,AMP/QD,MOD.ADAP.SPARE	26716-01
406445601	HEADSET PRONG BASE UNIT	KS23822-L1,AMP	49348-01	Completed	P10,AMP	29362-01
700414105	HEADSET LIFTER HL-10 RHS	HL10,HANDSET LIFTER,AVAYA	61975-02	Completed	HL10 HANDSET LIFTER W/ACCESSORY KIT	60961-32
700328313	HEADSET CABLE 2.5mm FOR WRLS PHONES	CABLE ASSY,2.5MM TO QD,AVAYA,SPARE	66527-01	Completed	SPARE,CABLE ASSY,2.5MM QD	64279-02
408012466	HEADSET SWITCHING BASE UNIT KS23822L61	KS23822-L61,AMP,SWITCHER II	49378-01	Completed	MX10 AMPLIFIER	43404-01
406741900	HEADSET MDLR BASE UNIT W/O 115V AC	KS23822-L12,AMP	49176-01	9/6/2010	M22 AMP English	43596-40
<b>Not Previously Carried by Avaya</b>						
		SPARE, U10P-SHROUD, TENOVIS	35239-01	Completed	SPARE HOOKSWITCH ASSEMBLY	35239-41
		MIP-1, ADAPTER CABLE, PACKED	64165-01	Completed	MIP-1, ADAPTER CABLE, PACKED	64165-41
		SPARE, HOOKSWITCH ASSY, AVAYA	48590-01	Completed	SPARE HOOKSWITCH ASSEMBLY	48590-41
		KIT, CABLE ADAPTER M12LUCM	61639-01	Completed	KIT, CABLE ADAPTER M12LUCM	61639-41
<b>New from Plantronics</b>						
					APV-62**	38734-01
					APV-65**	38633-01
					APV-6A**	83681-01
					APV-6B**	83682-01



plantronics®



Section 4

# Audio Devices Compatible with Cisco® UC



Plantronics® delivers UC audio solutions with remote call control certified compatible with Cisco Unified Communications Integration application suite. Connect seamlessly, communicate simply and collaborate confidently with Plantronics.

## Cisco UC Applications



**Cisco IP Communicator (CIPC)** endows the PC with the functions of IP phones, with voice and video calls from wherever you can access the corporate network.



**Cisco Unified Personal Communicator (CUPC)** delivers a single multimedia interface on your PC for soft phone, presence, enterprise IM, visual VM, video and web conferencing.



**Cisco Unified Communications Integration for Microsoft® Office Communicator and Lync™ (CUCI-MOC, CUCI-LYNC)** integrates Cisco Call Manager with MOC, delivering phone control from MOC for voice calls from PC to PC, and between PC and desk phone.



**Cisco Unified Communications Integration for WebEx™ Connect (CUCI-Connect)** enables collaboration using the best method to meet your immediate needs – phone, instant message, video conference or instant WebEx meeting.



**Cisco Cius™** is an Android-based mobile business collaboration tablet that offers access to essential business applications and technologies.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

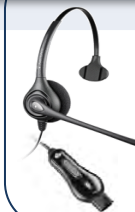
Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

## USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

## Plug-and-Play Remote Call Control for CIPC

For CIPC, every Plantronics audio device certified compatible for Cisco UC has plug-and-play compatibility.

## Call Control for Wireless (Remote) & Coded Headsets [Plantronics.com/software](http://Plantronics.com/software)

For CUPC, CUCI-MOC, CUCI-Connect, Plantronics Unified Runtime Engine enables remote call control – including call notification, answer/end, volume and mute – for the Savi Wireless System, Voyager Bluetooth Headsets, Blackwire USB Coded Headsets, and Calisto USB Phones (volume and mute).

# Audio Devices Compatible with Cisco® Phones



In the Contact Center and across the Enterprise, Plantronics® delivers a comprehensive portfolio of wireless and corded audio solutions with remote call control for Cisco PC and desk phone communications.

## Cisco Phones



794X Series



8961



796X Series



9900 Series



797X Series

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Corded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

## Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.

## Remote Call Control for Wireless Headsets

- APC-40 and APU-70 Adapters for Savi Wireless Systems
- APC-4 and APU-7 Adapters for CS Wireless Systems
- 26716-01 Cisco Interface Cord



# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk phone. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)



W430  
(Over-the-Ear)

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with CIPC, CUPC, CUCI-MOC, CUCI-Lync, and CUCI-Connect

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Remote call control for CIPC, CUPC, CUCI-MOC, CUCI-Lync™, and CUCI-Connect enabled by Plantronics Unified Runtime Engine.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N  
(SupraPlus Wireless Binaural)



CS351N  
(SupraPlus Wireless Monaural)



CS50  
(Convertible)



CS55  
(Convertible)



CS50-USB  
(Convertible)



CS70N  
(On-the-Ear)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select Cisco® phones.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone, PC (CS50-USB).

**Software Compatibility:** For CS50-USB, remote call control for CIPC, CUPC, CUCI-MOC, CUCI-Lync™, and CUCI-Connect enabled by Plantronics Unified Runtime Engine.

# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® audio devices incorporate sensor technology and Plantronics Unified Runtime Engine to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on, remove the headset to pause streaming media, and synchronize presence updates across devices and soft phones.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Remote call control for CIPC, CUPC, CUCI-MOC, CUCI-Lync™, and CUCI-Connect enabled by Plantronics Unified Runtime Engine.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Volume and mute control for CIPC, CUPC, CUCI-MOC, CUCI-Lync, and CUCI-Connect enabled by Plantronics Unified Runtime Engine.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Call control for CIPC, CUPC, CUCI-MOC, CUCI-Lync™, and CUCI-Connect enabled by Plantronics Unified Runtime Engine.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N  
(SupraPlus Wideband Binaural)



HW251N  
(SupraPlus Wideband Monaural)



HW301N  
(EncorePro Binaural)



HW291N  
(EncorePro Monaural)



H81N  
(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.

### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™










# The Confident Choice for Cisco® Unified Communications

Plantronics® transforms your business by delivering full compatibility for the best integration experience.

Plantronics delivers audio solutions with remote call control certified compatible with Cisco Unified Communications Integration application suite. Plantronics is a top-tier Cisco Developer Network Solution Provider (CDN). Connect seamlessly, communicate simply and collaborate confidently with Plantronics.

- Cisco Unified Personal Communicator (CUPC)
- Cisco UC Integration for Microsoft® Office Communicator and Lync™ 2010 (CUCI-MOC, CUCI-LYNC)
- Cisco IP Communicator (CIPC)
- Cisco UC Integration for WebEx™ Connect (CUCI-Connect)

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control**</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95






\*Performance dependent on battery and may vary by device. \*\*Enabled by P.U.R.E.

To learn more about Plantronics products optimized for Cisco Unified Communications, visit [plantronics.com/ciscouc](http://plantronics.com/ciscouc)





# The Confident Choice for Cisco® Unified Communications

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b> <b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.  <b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.  <b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.  <b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.  <b>SoundGuard DIGITAL™</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.  <b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	
<b>Call Control**</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Mute, volume +/-	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	

To learn more about Plantronics® products optimized for Cisco Unified Communications, visit [plantronics.com/ciscouc](http://plantronics.com/ciscouc)

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# EHS Adapters and Connectors for Cisco® Phones



EHS remote call control (call notification, answer/end, volume, mute) is enabled for Cisco phones by the Plantronics® APC-40 and APU-70 adapters for the Savi® Wireless Systems, and by the APC-4 and APU-7 adapters for the CS Wireless Systems. For remote call control with other Cisco phone models use an HL10 Lifter.

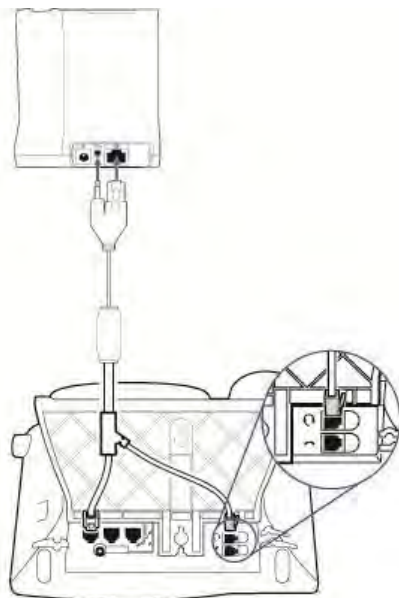
Cisco Phone	CS Wireless System EHS Adapters for Cisco		Savi® Wireless System EHS Adapters for Cisco		H-Series Coded Headsets Connectors Required for Cisco	
	Product Name	Part #	Product Name	Part #	Product Name	Part #
7942G	APC-4	37978-01	APC-40	38350-01	Cisco Interface Cord	26716-01
7945G	APC-4	37978-01	APC-40	38350-01	Cisco Interface Cord	26716-01
7962G	APC-4	37978-01	APC-40	38350-01	Cisco Interface Cord	26716-01
7965G	APC-4	37978-01	APC-40	38350-01	Cisco Interface Cord	26716-01
7975G	APC-4	37978-01	APC-40	38350-01	Cisco Interface Cord	26716-01
8961	APU-7	83017-01	APU-70	83018-01	Cisco Interface Cord	26716-01
9951	APU-7	83017-01	APU-70	83018-01	Cisco Interface Cord	26716-01
9971	APU-7	83017-01	APU-70	83018-01	Cisco Interface Cord	26716-01

# Setup Diagrams and Technical Notes for Cisco® Installation

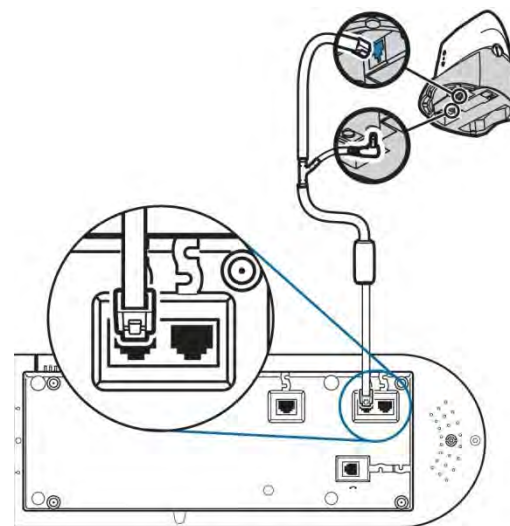


## Setup Diagrams for EHS Adapters

Savi® Wireless System with APC-40



CS Wireless System APC-4



## Technical Notes

1. The APC-4 and APC-40 are compatible with the following Cisco Unified IP Phones: 7975G, 7965G, 7962G, 7945G, 7942G
2. Cisco firmware needs to be version 8.3(3)x or above
3. Unified Communications Manager version 4.1(3)SR5x or above.
4. The Cisco Unified IP Phone Expansion Module requires the use of cable adapter, p/n 40287-05.

\*The Cisco APC-4 and APC-40 software functionality must first be enabled through the Cisco Unified Communications Manager administration application (default is "Disabled"). Contact your system administrator to enable this feature.

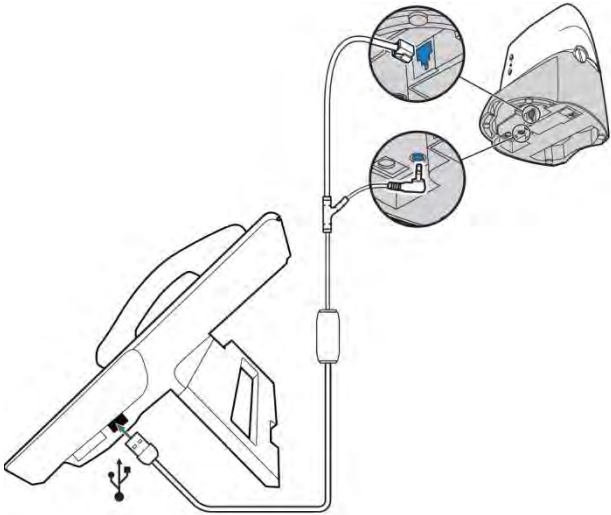
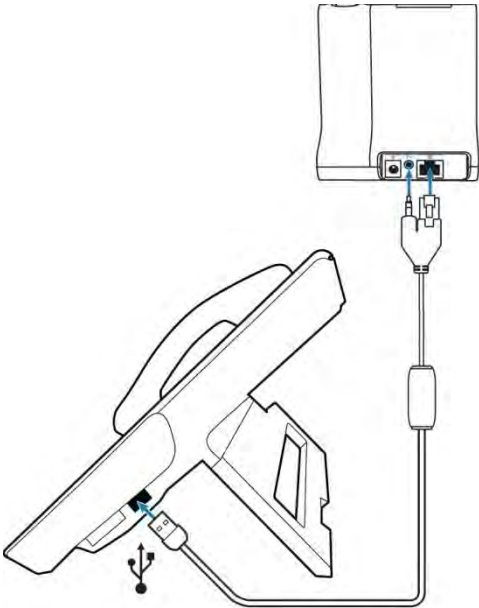
# Setup Diagrams and Technical Notes for Cisco® Installation



## Setup Diagrams for EHS Adapters

Savi® Wireless System with APU-70

CS Wireless System APU-7



## Technical Notes

Technical notes area containing detailed instructions and specifications for the installation process.

plantronics®



**GENESYS®**  
AN ALCATEL-LUCENT COMPANY

## Section 5

# Audio Devices Compatible with Genesys® UC

A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for Genesys UC Connect.

## Genesys UC Applications



**UC Connect** solution facilitates the integration of the Genesys suite and Unified Communications (UC) platforms.

This allows for the expansion of the labor pool beyond the physical contact center, and enables branch and back-office employees, expert agents, and other workers across the enterprise to play a vital role in the customer service operation.

### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, Blackwire USB Corded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Corded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone



### IP40™ with H-Series for VoIP Contact Centers

Plugs directly into the Ethernet and does not require expensive dedicated telephones

### USB Audio Processors for Enhanced Sound



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

Brings digitally enhanced audio quality to VoIP and PC-based communications.

# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)



W430  
(Over-the-Ear)

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset.

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Audio compatibility for UC Connect.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS50-USB  
(Convertible)

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select Alcatel-Lucent soft phones.

**Device Connection:** Desk phone, PC

**Software Compatibility:** Audio compatibility for UC Connect.



# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile phone + PC.

**Software Compatibility:** Audio compatibility for UC Connect.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for UC Connect.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to a PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for UC Connect.

## H-Series Corded Headsets

Connects to a desk phone, to PC with specialized connectors, and to Plantronics IP40™. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N  
(SupraPlus Wideband Binaural)



HW251N  
(SupraPlus Wideband Monaural)



HW301N  
(EncorePro Binaural)



HW291N  
(EncorePro Monaural)



H81N  
(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.






### Device Connection

- Desk phone
- Plantronics IP40
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™









# Headsets and Audio Endpoints for Genesys®

Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth and corded headsets and audio endpoints compatible with Genesys for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over-the-head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	<b>UC Connect</b>				

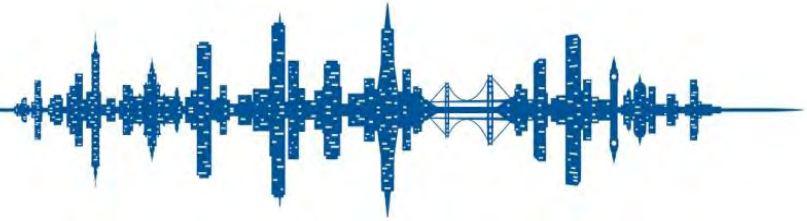
\*Audio only, no call control

# Headsets and Audio Endpoints for Genesys®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>IP40™ with H-Series</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC and H-Series Headset	PC via USB	<p><b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.</p> <p><b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.</p> <p><b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.</p> <p><b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.</p> <p><b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.</p> <p><b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.</p>
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication		PC users on the go to transform any workspace into a conference room.	
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	N/A	Speakerphone	
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Echo cancellation, Audio	Wideband, echo cancellation, noise reduction	
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	SoundGuard	N/A	
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	N/A	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	IP 40	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	38574-01	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$189.00	\$179.00	
<b>Compatibility*</b>	<b>UC Connect</b>						

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plantronics®



Section 6

# Audio Devices Compatible with Huawei® UC



A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for Huawei OpenEye and eSpace.

## Huawei UC Applications



**OpenEye** provides video and conferencing functions. Users can both attend a multi-party video conference and organize a multi-party video conference as the calling party.

**eSpace** integrates multiple communication modes and provides self services, calls, short messages, instant messages, and instant conferences.

### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, Blackwire USB Coded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls

### USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with OpenEye and eSpace.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430)

**Software Compatibility:** Audio compatibility for OpenEye and eSpace.

## CS Wireless System

Connects to a PC. Best for users of extensive PC communications in noisy environments. The CS50-USB is the only USB headset in this category of noise-canceling wireless headsets for office desk phones.



**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with OpenEye and eSpace.

**Device Connection:** PC

**Software Compatibility:** Audio compatibility for OpenEye and eSpace.



# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Audio compatibility for OpenEye and eSpace.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for OpenEye and eSpace.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for OpenEye and eSpace.



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N

(SupraPlus Wideband Binaural)



HW251N

(SupraPlus Wideband Monaural)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.

### Device Connection

- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™



HW301N

(EncorePro Binaural)



HW291N

(EncorePro Monaural)








H81N

(Tristar)

# Headsets and Audio Endpoints for Huawei®






Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth and corded headsets and audio endpoints compatible with Huawei for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	OpenEye, eSpace				

\*Audio only, no call control



# Headsets and Audio Endpoints for Huawei®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility*</b>	OpenEye, eSpace					

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plantronics®



IBM®

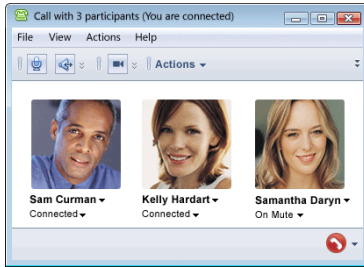
Section 7

# Audio Devices Compatible with IBM®



A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver full compatibility and remote call control for IBM® Lotus® Sametime® and Sametime Unified Telephony (SUT).

## IBM UC Applications



**IBM Lotus Sametime** provides users a unified user experience across a broad range of integrated real-time communications services – voice, data, and video, from IM to online meetings, VoIP and telephony integration.



**Sametime Unified Telephony ( SUT )** software provides a middleware layer to enable telephony integration with multiple PBX back ends to support your existing infrastructure.

### Remote Call Control Software for IBM Lotus Sametime [Plantronics.com/ibmuc](http://Plantronics.com/ibmuc)

**Plantronics Call Control Plug-In for IBM Lotus Sametime** is a software application designed specifically to provide hands-free access to answer/end phone calls directly from the headset. The new v2.0 Plantronics plug-in supports Sametime versions 8.02, 8.5 and 8.5.1.

It enables remote call control – including call notification answer/end, volume and mute – for the Savi Wireless System, Blackwire USB Coded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones (volume and mute).

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

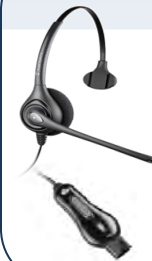
Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

### USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

# Features Guide for Wireless Audio Devices



Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with IBM® Lotus® Sametime® and IBM Lotus Sametime Plug-in.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430)

**Software Compatibility:** Remote call control enabled by Plantronics Headset Call Control Plug-In v2.0 for IBM Lotus Sametime.

## CS Wireless System

Connects to a PC. Best for users of extensive PC communications in noisy environments. The CS50-USB is the only USB headset in this category of noise-canceling wireless headsets for office desk phones.



**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with IBM® Lotus® Sametime® and IBM Lotus Sametime Plug-in.

**Device Connection:** PC

**Software Compatibility:** Remote call control enabled by Plantronics Headset Call Control Plug-In v2.0 for IBM Lotus Sametime.



# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® audio devices incorporate sensor technology and Plantronics Unified Runtime Engine to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on, remove the headset to pause streaming media, and synchronize presence updates across devices and soft phones.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth® equipped mobile Phone + PC.

**Software Compatibility:** Remote call control enabled by Plantronics Headset Call Control Plug-In v2.0 for IBM® Lotus® Sametime®.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Volume and mute control enabled by Plantronics Headset Call Control Plug-In v2.0 for IBM Lotus Sametime.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Call control enabled by Plantronics Headset Call Control Plug-In v2.0 for IBM® Lotus® Sametime®.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N

(SupraPlus Wideband Binaural)



HW251N

(SupraPlus Wideband Monaural)



HW301N

(EncorePro Binaural)



HW291N

(EncorePro Monaural)



H81N

(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.







### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™



# Bring Your IBM® UC<sup>2</sup> Experience to Life with Plantronics Audio Devices for Sametime®






Plantronics® UC audio devices include headsets, handsets and USB speakerphones which seamlessly access the intuitive, powerful voice features of Sametime, in the office or on the road – from phones, PCs and desktop applications.

	  <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control**</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95

\*Performance dependent on battery and may vary by device. \*\*Enabled by P.U.R.E.

To learn more about Plantronics audio solutions for IBM Sametime, visit [plantronics.com/ibmuc](http://plantronics.com/ibmuc)

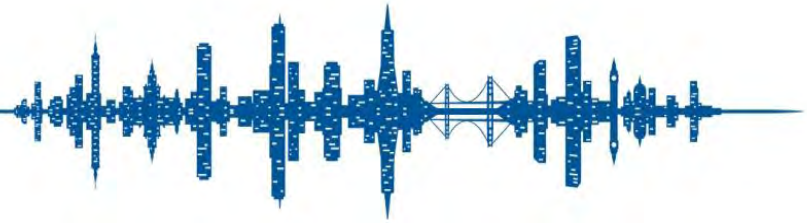
# Bring Your IBM® UC<sup>2</sup> Experience to Life with Plantronics® Audio Devices for Sametime®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b> <b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.  <b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.  <b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.  <b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.  <b>SoundGuard DIGITAL™</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.  <b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Echo cancellation, noise reduction	
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	
<b>Call Control**</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Mute, volume +/-	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	

To learn more about Plantronics audio solutions for IBM Sametime, visit [plantronics.com/ibmuc](http://plantronics.com/ibmuc)

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plantronics®



 INTERACTIVE INTELLIGENCE™

Section 8



Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with Messaging Interaction Center.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430)

**Software Compatibility:** Audio compatibility for Messaging Interaction Center™.

## CS Wireless System

Connects to a PC. Best for users of extensive PC communications in noisy environments. The CS50-USB is the only USB headset in this category of noise-cancelling wireless headsets for office desk phones.



**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with Messaging Interaction Client

**Device Connection:** PC

**Software Compatibility:** Audio compatibility for Messaging Interaction Center.



# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications by simply putting the headset on or removing it.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Audio compatibility for Messaging Interaction Center™.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for Messaging Interaction Center.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

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Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility for Messaging Interaction Center™.

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H81N  
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### Device Connection

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- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™








# Headsets and Audio Endpoints for Interactive Intelligence®

Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth and corded headsets and audio endpoints compatible with Interactive Intelligence for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	Messaging Interaction Center™				

\*Audio only, no call control

# Headsets and Audio Endpoints for Interactive Intelligence®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard ®	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility*</b>	Messaging Interaction Center™					

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plantronics®



**Microsoft®**

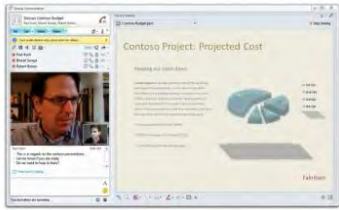
Section 9

# Audio Devices Compatible with Microsoft® UC

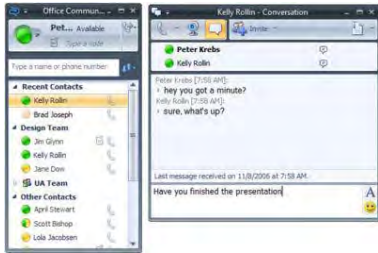


A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver full compatibility and remote call control for Microsoft's Office Communicator 2007 R1 and R2, and Microsoft Lync.

## Microsoft UC Applications



**Microsoft Lync™** makes joining and managing conferences, searching the Global Address List, and viewing presence information easy.



**Microsoft Office Communicator 2007 R2** helps end users be more productive by enabling them to communicate and collaborate easily with others in different locations or time zones using a range of different communication options, including IM, voice, desktop sharing, and video.

### Call Control for Wireless (Remote) & Corded Headsets

Built-in remote call control – including call notification, click-to-call and click-to-end, volume and mute – for the Savi Wireless System, Blackwire USB Corded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones (volume and mute).

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Corded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

### USB Audio Processors for H-Series Corded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Corded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO101-M (Convertible)



WO201-M (Over-the-Ear)



W430-M  
(Over-the-Ear)



Savi Go-M  
(Over-the-Ear)

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset.

**Savi 430-M** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use.

**Savi Go-M** optimizes your office mobility with Class 1 Bluetooth® technology.

**Device Connection:** Desk phone + PC, PC only (W430-M).

**Software Compatibility:** Plug-and-play remote call control optimized for Microsoft® Office Communicator 2007 and Microsoft Lync™.



# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® audio devices incorporate sensor technology and Plantronics Unified Runtime Engine to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on, remove the headset to pause streaming media, and synchronize presence updates across devices and soft phones.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230-M  
(Voyager PRO UC)

**Voyager PRO UC B230-M** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2™</sup> and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Mobile Phone + PC.

**Software Compatibility:** Plug-and-play remote call control optimized for Microsoft® Office Communicator 2007 and Microsoft Lync™.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420-M  
(USB Speakerphone)



Calisto P540-M



Calisto 825-M

**Calisto 420-M** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Calisto P540-M** is designed with a familiar keypad to help transition to PC communications with a familiar USB Desk phone.

**Calisto 825-M** displays a touch sensitive dial pad for easy caller ID viewing, dialing, answering, switching, and muting across devices.

**Device Connection:** PC via USB cable.

**Software Compatibility:** For Calisto 420-M and 540-M, plug-and-play volume and mute control. For Calisto 825-M, plug-and-play remote control optimized for Microsoft Office Communicator 2007 and Microsoft Lync.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620-M  
(Binaural)



C610-M (Monaural)



C420-M  
(Binaural)



C220-M (Binaural)



C210-M (Monaural)

**Blackwire 600-M Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420-M Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200-M Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.








**Software Compatibility:** Plug-and-play remote call control optimized or Microsoft® Office Communicator 2007 and Microsoft Lync™.

# Plantronics Unified Communications Portfolio for Microsoft

## Optimized for Microsoft® Lync™ 2010 | Optimized for Microsoft OCS 2007

Plantronics® UC products are optimized to seamlessly integrate with Microsoft® Lync™ Server 2010 and Microsoft Office Communicator 2007 R2.

Plantronics provides a new connected experience to transforming every Lync communication into an interaction that is more collaborative, engaging and accessible from anywhere.

	  <b>Voyager™ PRO UC</b>	  <b>Calisto® 800 Series</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	PC + mobile phone**	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with private workspace and multiple communication devices	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Speakerphone + wireless lapel mic	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Wireless mic: up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	Bluetooth v2.1 + eSCO	DECT™ 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Wideband, echo cancellation, noise reduction, full duplex	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard®	N/A	SoundGuard	SoundGuard	SoundGuard
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Wireless mics: Dual omni-switching microphones	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-, dial pad, call switching; Wireless mic: call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time*</b>	Up to 6 hours	Up to 5 hours	Up to 9 hours	Up to 6 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	2 years	1 year	1 year	1 year
<b>Model number</b>	B230-M	P820-M (PC + mobile) P825-M (PC + mobile with wireless mic) P830-M (PC + mobile + home landline)	WO100	WO200	W430-M
<b>Part number</b>	38884-01	83657-01 (P820-M) 84261-01 (P825-M) 83667-01 (P830-M)	82203-01	82204-01	82397-01
<b>MSRP (USD)</b>	\$199.95	\$179.95 (820) \$259.95 (825) \$199.95 (830)	\$379.95	\$379.95	\$279.95







\*Performance dependent on battery and may vary by device

\*\* The Calisto 830 connects to a PC + mobile phone + home landline.

To learn more about Plantronics products optimized for Microsoft, visit [plantronics.com/microsoftuc](http://plantronics.com/microsoftuc)



# Plantronics® Unified Communications Portfolio for Microsoft®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>Calisto 210</b>	 <b>Calisto 420</b>	 <b>Calisto 540</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	PC telephony users in the office or on the road	PC users on the go to transform any workspace into a conference room.	Users transitioning to PC telephony
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	Desk phone
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband	Wideband, echo cancellation, noise reduction	Wideband, echo cancellation (speaker only)
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	N/A	SoundGuard®
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	N/A
<b>Call Control</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Mute, volume +/-	Dial pad, call answer/end, mute, volume +/-
<b>Limited Warranty</b>	1 year	1 year	2 years	1 year	2 years	1 year
<b>Model number</b>	C210-M (monaural) C220-M (binaural)	C420-M	C610-M (monaural) C620-M (binaural)	P210-M	P420-M	P540-M
<b>Part number</b>	80298-02 (C210) 80299-02 (C220)	82633-01	81964-41 (C610) 81965-41 (C620)	57700.002	81402-02	82783-01
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	\$79.95	\$179.00	\$169.95

## Technology Legend

### Smart Sensor Technology

Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.

### A2DP

A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.

### AudioIQ<sup>2</sup>

Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.

### SoundGuard

Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.

### SoundGuard DIGITAL™

All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.

### Wideband

Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.

To learn more about Plantronics products optimized for Microsoft, visit [plantronics.com/microsoftuc](http://plantronics.com/microsoftuc)

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# Microsoft® OC Compatibility

Windows XP

Headset	HEADSET			OC INTERFACE		
	Call control	Volume control	Mute control	Call control	Volume control	Mute control
Blackwire C2X0	No <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Blackwire C420/C6X0	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Blackwire C2X0-M	Yes	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Blackwire C420/C6X0-M	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
BUA100	No <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Calisto P210-M	Yes	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Calisto P420	N/A	Yes	Yes	Yes	Yes	Yes
Calisto P420 MOC Optimized	N/A	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Calisto P540 MOC Optimized	Yes	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
CS50/60 USB	No <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
DA40, DA55 <small>Note 3</small>	N/A	N/A	N/A	Yes	Yes	Yes
DA45 <small>Note 3</small>	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
DA60 <small>Note 3</small>	N/A	Yes	Yes	Yes	Yes	Yes
Entera HW1X1N USB	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Entera HW1X1N USB-M	Yes	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Savi Go	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi Go MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Savi Office	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi Office MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Savi W430	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi W430 MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Supra Plus HW2X1N/DA-M	Yes	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes
Voyager Pro UC	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Voyager Pro UC MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes <small>Note 2</small>	Yes

<b>Note 1</b>	Call control with Persono Suite/PURE supported softphones
<b>Note 2</b>	When using a MOC optimized headset on XP the user cannot change the volume using the MOC volume slider. The user should use the computer (voice device) volume slider or change volume using headset control buttons. This has been fixed by Microsoft : requires MOC R2 patch KB 976135
<b>Note 3</b>	Needs a headset top
	Microsoft OC Optimized
	Plantronics UC Optimized

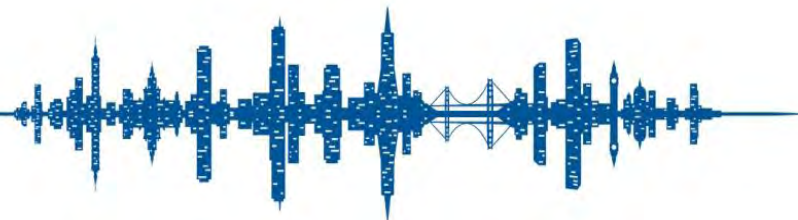
# Microsoft® OC Compatibility

Vista/Windows 7

Headset	HEADSET			OC INTERFACE		
	Call control	Volume control	Mute control	Call control	Volume control	Mute control
Blackwire C2X0	No <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Blackwire C420/C6X0	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Blackwire C2X0-M	Yes	Yes	Yes	Yes	Yes	Yes
Blackwire C420/C6X0-M	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
BUA100	No <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Calisto P210-M	Yes	Yes	Yes	Yes	Yes	Yes
Calisto P420	N/A	Yes	Yes	Yes	Yes	Yes
Calisto P420 MOC Optimized	N/A	Yes	Yes	Yes	Yes	Yes
Calisto P540 MOC Optimized	Yes	Yes	Yes	Yes	Yes	Yes
CS50/60 USB	No <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
DA40, DA55 <small>Note 2</small>	N/A	N/A	N/A	Yes	Yes	Yes
DA45 <small>Note 2</small>	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
DA60 <small>Note 2</small>	N/A	Yes	Yes	Yes	Yes	Yes
Entera HW1X1N USB	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Entera HW1X1N USB-M	Yes	Yes	Yes	Yes	Yes	Yes
Savi Go	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi Go MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi Office	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi Office MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi W430	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Savi W430 MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Supra Plus HW2X1N/DA-M	Yes	Yes	Yes	Yes	Yes	Yes
Voyager Pro UC	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes
Voyager Pro UC MOC Optimized	Yes <small>Note 1</small>	Yes	Yes	Yes	Yes	Yes

<b>Note 1</b>	Call control with Persono Suite/PURE supported softphones
<b>Note 2</b>	Needs a headset top
	Microsoft OC Optimized
	Plantronics UC Optimized

plantronics®



Section 10



# Audio Devices Compatible with Mitel® UC



A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for Mitel 8602 Softphone, UC Advanced Softphone and UC Express Softphone.

## Mitel UC Applications



**Mitel 8602 Softphone** is designed to run on a PC, allowing mobile and remote workers to connect to the phone system without losing key features. The 8602 Softphone can be employed as a user's primary or secondary phone.



**Mitel UC Advanced Softphone** provides users with desk phone functionality from a PC.



**Mitel UC Express Softphone** improves the effectiveness of mobile and remote workers, enabling them to become more accessible to others regardless of location.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Corded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

## USB Audio Processors for H-Series Corded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Corded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

## Audio Compatibility

Supports audio compatibility for the Savi Wireless System, Blackwire USB Corded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones.

# Audio Devices Compatible with Mitel® Phones



In the Contact Center and across the Enterprise, Plantronics® delivers a comprehensive portfolio of wireless and corded audio solutions with remote call control for Mitel desk phone communications.

## Mitel Phones



IP 5300 Series



IP 8600 Series

### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, CS Wireless System and H-Series Corded Headsets.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Corded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

### Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.

# Features Guide for Wireless Audio Devices



Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)



W430  
(Over-the-Ear)

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with 8602 Softphone, UC Advanced Softphone, UC Express Softphone.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Audio compatibility for Mitel 8602 Softphone, UC Advanced Softphone, UC Express Softphone.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N  
(SupraPlus Wireless Binaural)



CS351N  
(SupraPlus Wireless Monaural)



CS50  
(Convertible)



CS55  
(Convertible)



CS50-USB  
(Convertible)



CS70N  
(On-the-Ear)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select Mitel® phones.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone, PC (CS50-USB).

**Software Compatibility:** Audio compatibility for Mitel 8602 Softphone, UC Advanced Softphone, UC Express Softphone.

# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Audio compatibility with Mitel® 8602 Softphone, UC Advanced Softphone and UC Express Softphone.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Volume and mute control for Mitel 8602 Softphone, UC Advanced Softphone and UC Express Softphone.

# Features Guide for Corded Audio Devices



Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility with Mitel® 8602 Softphone, UC Advanced Softphone and UC Express Softphone.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N

(SupraPlus Wideband Binaural)



HW251N

(SupraPlus Wideband Monaural)



HW301N

(EncorePro Binaural)



HW291N

(EncorePro Monaural)



H81N

(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.






### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™
- A10 Direct Connect Cable



# Headsets and Audio Endpoints for Mitel®






Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth and corded headsets and audio endpoints compatible with Mitel for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Talk Time</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility *</b>	8602, UC Advanced, UC Express				
<b>Desk Phones</b>	IP 5300 series: 5312, 5320, 5324, 5330, 5340, 5360; IP 8600 series: 8622, 8662				
<b>Desk Phone Exceptions</b>	Not compatible	Needs HL10 for call control	Needs HL10 for call control	Needs HL10 for call control	Not compatible

\*Audio only, no call control



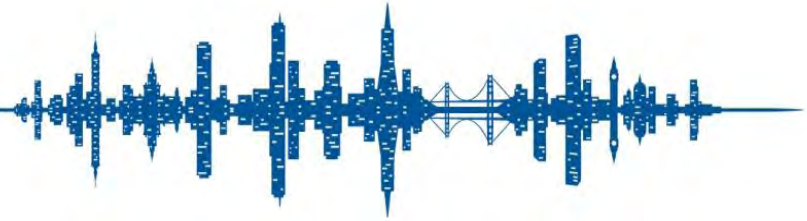
# Headsets and Audio Endpoints for Mitel®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard™	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Call control</b>	None, audio only	None, audio only	None, audio only	None, audio only	Mute, volume +/-	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility</b>	<b>8602, UC Advanced, UC Express</b>					
<b>Desk Phones</b>	IP 5300 series: 5312, 5320, 5324, 5330, 5340, 5360; IP 8600 series: 8622, 8662					
<b>Desk Phone Exceptions</b>	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	

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plantronics®



**NEC**

Section 11

# Audio Devices Compatible with NEC® UC

A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for NEC UNIVERGE SP30 Softphone and UNIVERGE SP350 Softphone.

## NEC UC Applications



**UNIVERGE® SP30 Softphone** provides employees a versatile, converged communication tool that offers an impressive array of high quality video, audio, voice and text features.



**UNIVERGE® SP350 Softphone** is a multimedia IP phone that's installed on a PC or laptop and delivers high quality voice via a USB-connected headset/handset. Designed to meet the needs of any employee, it can be used as a primary desktop telephone, a supplemental desktop telephone or a remote/telecommuting device.

### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, Blackwire USB Coded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

### USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

# Audio Devices Compatible with NEC® Phones



Plantronics® transforms your business by delivering audio compatibility for the best desk phone and PC communications experience.

## NEC Phones



### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, CS Wireless System and H-Series Coded Headsets.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Coded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

## Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.

# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)



W430  
(Over-the-Ear)

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with UNIVERGE SP30 Softphone and UNIVERGE SP350 Softphone.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Call control with Persono® Suite. Audio compatibility with UNIVERGE® SP30 Softphone and UNIVERGE SP350 Softphone.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N  
(SupraPlus Wireless Binaural)



CS351N  
(SupraPlus Wireless Monaural)



CS50  
(Convertible)



CS55  
(Convertible)



CS50-USB  
(Convertible)



CS70N  
(On-the-Ear)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select NEC phones.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone, PC (CS50-USB).

**Software Compatibility:** Call control with Persono Suite. Audio compatibility with UNIVERGE SP30 Softphone and UNIVERGE SP350 Softphone.

# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Call control with Persono® Suite. Audio compatibility with UNIVERGE® SP30 Softphone and UNIVERGE SP350 Softphone.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Call control with Persono Suite. Audio compatibility with UNIVERGE SP30 Softphone and UNIVERGE SP350 Softphone.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility with UNIVERGE® SP30 Softphone and UNIVERGE SP350 Softphone.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N  
(SupraPlus Wideband Binaural)



HW251N  
(SupraPlus Wideband Monaural)



HW301N  
(EncorePro Binaural)



HW291N  
(EncorePro Monaural)



H81N  
(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.






### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™



# Headsets and Audio Endpoints for NEC®






Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth and corded headsets and audio endpoints compatible with NEC for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	UNIVERGE SP30, UNIVERGE SP350				
<b>Desk phones</b>	DSX 34B BL; DSX 34B FDX: DTR Family: 8, 8D, 16D, 16LD, 32D; DTh Family: 8, 8D, 16D, 16LD, 32D; DTL Family: 12D, 24D, 8LD, 32D; DT 330, 730, 750				
<b>Desk phone exceptions</b>	Not compatible	DSX 34B BL, DSX 34B FDX both need DSX PLT headset adapter. DTR/DTH/DTL family and DT 330, 730,750 need APR-U + TR1			Not compatible

\* Call control with Persono® Suite. Audio compatibility with UNIVERGE SP30 Softphone and UNIVERGE® SP350 Softphone



# Headsets and Audio Endpoints for NEC®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat	Binaural	Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Call control</b>	Audio only, no call control	Audio only, no call control	Audio only, no call control	Audio only, no call control	Call control with Persono Suite.	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility</b>	<b>UNIVERGE SP30, UNIVERGE SP350</b>					
<b>Desk phones</b>	DSX 34B BL; DSX 34B FDX; DTR Family: 8, 8D, 16D, 16LD, 32D; DTh Family: 8, 8D, 16D, 16LD, 32D; DTL Family: 12D, 24D, 8LD, 32D; DT 330, 730, 750					
<b>Desk phone exceptions</b>	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	

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# EHS Adapters and Connectors for NEC® Phones

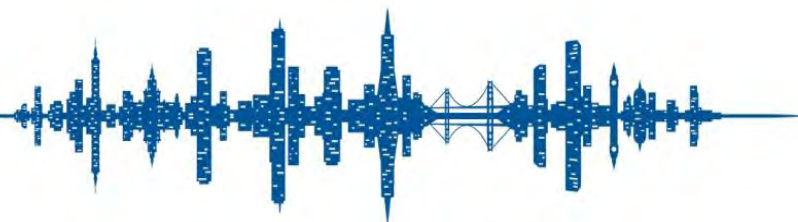
EHS remote call control (call notification, answer/end, volume, mute) is enabled for NEC phones by the Plantronics® adapters for NEC.

NEC Phone	CS Wireless System EHS Adapters for NEC		Savi® Wireless System EHS Adapters for NEC		OEM Adapters for NEC
	Product Name	Part #	Product Name	Part #	Product Name
DSX 34B BL **	N/A	N/A	N/A	N/A	DSX PLT Headset Adapter
DSX 34B FDX **	N/A	N/A	N/A	N/A	DSX PLT Headset Adapter
DTR-8, 8D **	N/A	N/A	N/A	N/A	APR-U + TR1
DTR Family * **	N/A	N/A	N/A	N/A	APR-U + TR1
DTH Family * **	N/A	N/A	N/A	N/A	APR-U + TR1
DTL Family * **	N/A	N/A	N/A	N/A	APR-U + TR1
DT 330**	N/A	N/A	N/A	N/A	APR-U + TR1

## Technical Notes

1. \* = DTR-(8,8D,16D,16LD,32D) – 1
2. \* = DTH-(8,8D,16D,16LD,32D) – 1
3. \* = DTL-(12D, 24D, 8LD,32D) – 1
4. \*\* Requires A10 Direct Connect Cable (A10-16)
5. Note 1 = TR-1 only available through NEC (manufactured by PLT)
6. Note2 = Requires phone system software 2.25 and higher
7. User guide: DSX Adapter - [http://www.necdsx.com/docs/files/1093059\\_rev1.pdf](http://www.necdsx.com/docs/files/1093059_rev1.pdf)

plantronics®



 POLYCOM®

Section 12

# Audio Devices Compatible with Polycom® Phones



In the Contact Center and across the Enterprise, Plantronics® delivers a comprehensive portfolio of wireless and corded audio solutions with remote call control for Polycom desk phone communications.

## Polycom Phones



300 Series



500 Series



400 Series



600 Series



CX USB Phone Series



VVX1500S



CX IP Phones Series



### Remote Call Control for Wireless Headsets

- APP-50 Adapters for Savi Wireless Systems
- APP-5 Adapters for CS Wireless Systems
- 27190-01 Connector for CX Phone Series



## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Corded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

### Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.



### USB Audio Processors Series (DA40™, DA45™, DA55™, DA60™)

Brings digitally enhanced audio quality to VoIP and PC-based communications.

# Features Guide for Wireless Audio Devices

Answer and end a call remotely up to 300 feet from your desk phone and conveniently switch from desk phone to PC communications. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset and four wearing styles.

**Device Connection:** Desk phone

## CS Wireless System

Connects to a desk phone. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N  
(SupraPlus Wireless Binaural)



CS351N  
(SupraPlus Wireless Monaural)



CS55 (Convertible)



CS70N (On-the-Ear)



CS50 (Convertible)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N

(SupraPlus Wideband Binaural)



HW251N

(SupraPlus Wideband Monaural)



HW301N

(EncorePro Binaural)



HW291N

(EncorePro Monaural)



H81N

(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.







### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™






# Headsets and Audio Endpoints for Polycom®

Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless and corded headsets compatible with Polycom for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>CS50/CS55™</b>	 <b>CS70™</b>	 <b>CS351N™/CS361N™</b>
<b>Connects to</b>	Desk phone + PC	Desk phone + PC	Desk phone + PC	Desk phone	Desk phone	Desk phone
<b>Recommended for</b>	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Office professionals	Office professionals	Office professionals and Contact Center Supervisors
<b>Wearing style</b>	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Convertible	Over-the-ear	Over-the-head
<b>Roaming range</b>	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet	Up to 300 feet	Up to 300 feet
<b>Wireless frequency</b>	DECT™ 6.0	DECT 6.0	DECT 6.0	CS50: 900 MHz CS55: 1.9 GHz DECT 6.0	1.9 GHz DECT 6.0	1.9 GHz
<b>Audio performance</b>	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Standard band	Standard band	Standard band
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®	SoundGuard	SoundGuard
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control for desk phones</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time</b>	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 8 hours	Up to 6 hours	Up to 10 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	WO100	WO200	C610 (monaural) C620 (binaural)	C610 (monaural) C620 (binaural)		
<b>Part number</b>	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	63120-20 (CS50) 69700-06 (CS55)	70450-06	70510-06 (Monaural) 70520-06 (Binaural)
<b>MSRP (USD)</b>	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$299.95 (CS50) \$299.95 (CS55)	\$329.95	\$329.95-\$349.95 (Monaural) \$329.95-\$349.95 (Binaural)
<b>Desk phones</b>	IP 200 series; IP 300 series: IP 320/321, IP 330/331; IP 400 series: IP 430, IP 450; IP 500 series: IP 550, IP 560; IP 600 series: IP 650, IP 670; VVX 1500					
<b>Desk phone exceptions</b>	IP 200 series need HL10 for audio and mechanical call control. IP 300 series requires adapter #2457-11095-001 for call control. IP 400, 500, 600 series and VVX 1500 requires APP50 adapter for call control.					



# Headsets and Audio Endpoints for Polycom®

	 <b>Tristar®</b>	 <b>SupraPlus® with DA45™</b>	 <b>EncorePro™ Wideband</b>	<b>Technology Legend</b>
<b>Connects to</b>	Audio processor or Direct Connect cable via Quick Disconnect™.	PC via USB	Audio processor or Direct Connect cable via Quick Disconnect.	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Contact center and office professionals	Users with extensive PC communication	Contact center professionals	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Over-the-ear	Monaural Binaural	Monaural Binaural	<b>AudioIQ2™</b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Standard band	Wideband, Stereo (binaural) cancellation	Wideband Echo	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard®	SoundGuard	<b>SoundGuard DIGITAL™</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling or Voice tube	Noise-canceling	Noise-canceling or Voice tube	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Limited Warranty</b>	2 years	2 years	2 years	
<b>Model number</b>	H81N (noise-canceling) H81 (voice tube)	HW251N (monaural) HW261 (binaural)	HW291N (monaural) HW301N (binaural)	
<b>Part number</b>	40203-01 (noise-canceling) 29408-11 (voice tube)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	78712-01 (monaural) 78714-01 (binaural)	
<b>MSRP (USD)</b>	\$138.00	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$137.00 (monaural) \$160 (binaural)	
<b>Desk phones</b>	IP 200 series; IP 300 series: IP 320/321, IP 330/331; IP 400 series: IP 430, IP 450; IP 500 series: IP 550, IP 560; IP 600 series: IP 650, IP 670; VVX 1500			
<b>Desk phone exceptions</b>	Not compatible	Not compatible	Not compatible	

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# EHS Adapters and Connectors for Polycom® Phones

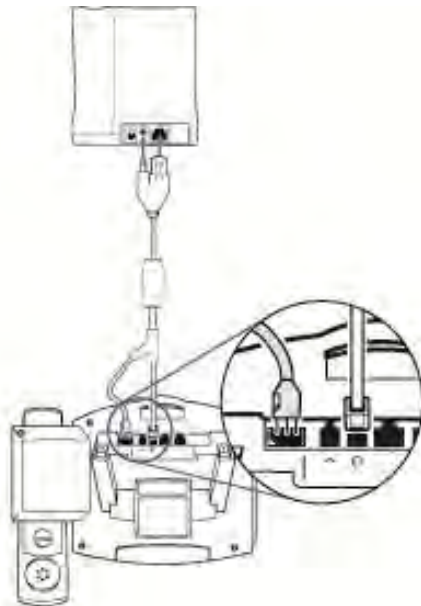


EHS remote call control (call notification, answer/end, volume, mute) is enabled for Polycom phones by the Plantronics® APP-50 adapter for the Savi Wireless Systems and by the APC-5 adapter for the CS Wireless Systems.

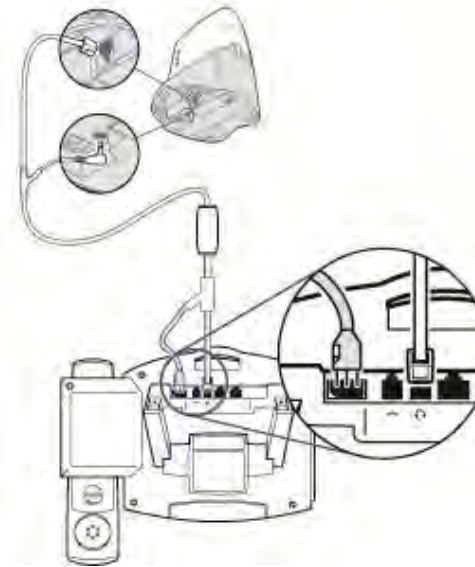
Polycom Phone	CS Wireless System EHS Adapters for Polycom		Savi® Wireless System EHS Adapters for Polycom		Direct Connect Cables for Polycom	
	Product Name	Part #	Product Name	Part #	Part #	Comments
IP 320/321	APP-5	38438-01	APP-50	38439-01	70765-01	Note 1+ 5+6
IP 330/331	APP-5	38438-01	APP-50	38439-01	70765-01	Note 1+5+6
IP 335	APP-5	38438-01	APP-50	38439-01	27190-01	Note 1+ 6
IP 430	APP-5	38438-01	APP-50	38439-01	27190-01	Note 1+6
IP 450	APP-5	38438-01	APP-50	38439-01	27190-01	Note 3+6
IP 550	APP-5	38438-01	APP-50	38439-01	27190-01	Note 1+ 6+7
IP 560	APP-5	38438-01	APP-50	38439-01	27190-01	Note 1+6
IP 650	APP-5	38438-01	APP-50	38439-01	27190-01	Note 1+6
IP 670	APP-5	38438-01	APP-50	38439-01	27190-01	Note 2+6
VVX1500	APP-5	38438-01	APP-50	38439-01	27190-01	Note 4

## Setup Diagrams for EHS Adapters

### Savi® Wireless System with APP-50



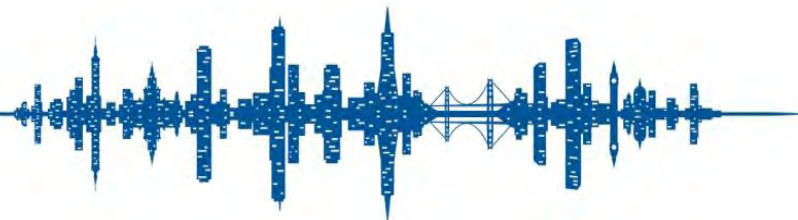
### CS Wireless System APP-5



## Technical Notes

1. Phone must be running SIP application 3.1 or higher and BootROM 4.1.0 or later.
2. Phone must be running SIP application 3.0.2 or higher and BootROM 4.1.0 or later.
3. Phone must be running SIP application 3.1.0 Rev C or higher and BootROM 4.1.0 or later.
4. Phone must be running SIP application 3.1.2 Rev B or higher and BootROM 4.1.0 or later.
5. 2.5mm headset port connector requires Polycom adapter 2457-11095-001. CS Models can alternatively use Plantronics adapter 78333-01. When using 78333-01, bypass the EHS cable audio connection. Connect 78333-01 directly between CS base and phone headset connector.
6. Specify whether or not the electronic hookswitch is enabled and what type of headset (attribute up.analogHeadsetOpti on set to 2) is attached by changing the phone1.cfg in the boot server. If this is not setup the call will hang up in 30 seconds
7. Some IP550 phones with date codes 01-10 to 04-10 might not provide EHS due to a hardware bug on the phone.

plantronics®



 ShoreTel

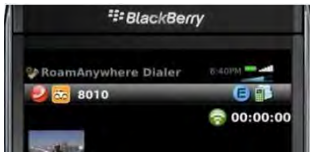
Section 13

A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for ShoreTel Communicator and Roam Anywhere Client.

## ShoreTel UC Applications



**ShoreTel Communicator** presents end-users a single interface to manage business communications using their ShoreTel desk phone, computer, mobile phone, or home telephone. The application integrates with Microsoft Outlook, and provides visual voicemail, call notes, and routing information.



**ShoreTel Roam Anywhere Client** delivers a single enterprise voice identity through its one number, one voicemail and one caller ID functionality that enables users to be reached anywhere through a single number, even when traveling overseas.

## Call Control for Wireless (Remote) & Coded Headsets

**Plantronics Unified Runtime Engine** enables remote call control – including call notification, answer/end, volume and mute – for the Savi Wireless System, Voyager Bluetooth Headsets, Blackwire USB Coded Headsets, and Calisto USB Phones (volume and mute).

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

## USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

# Audio Devices Compatible with ShoreTel® Phones



In the Contact Center and across the Enterprise, Plantronics® delivers a comprehensive portfolio of wireless and corded audio solutions with remote call control for ShoreTel desk phone communications.

## ShoreTel Phones



IP212K



IP560



IP230



IP560 (g)



IP265



IP565 (g)

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Corded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

## Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.

## Remote Call Notification for Wireless Headsets

- RD-1 Adapter for Savi Wireless Systems
- RD-1 Adapter for CS Wireless Systems





# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)



W430  
(Over-the-Ear)

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with ShoreTel Communicator and Roam Anywhere Client.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Remote call control for ShoreTel® Communicator and Roam Anywhere Client enabled by Plantronics Unified Runtime Engine.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N  
(SupraPlus Wireless Binaural)



CS351N  
(SupraPlus Wireless Monaural)



CS50  
(Convertible)



CS55  
(Convertible)



CS50-USB  
(Convertible)



CS70N  
(On-the-Ear)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select ShoreTel phones.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone, PC (CS50-USB).

**Software Compatibility:** Remote call control for ShoreTel Communicator and Roam Anywhere Client enabled by Plantronics Unified Runtime Engine.



# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile phone + PC.

**Software Compatibility:** Remote call control for ShoreTel® Communicator and Roam Anywhere Client enabled by Plantronics Unified Runtime Engine.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free speakerphone for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Volume and mute control for ShoreTel Communicator and Roam Anywhere Client enabled by Plantronics Unified Runtime Engine.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Call control for ShoreTel® Communicator and Roam Anywhere Client enabled by Plantronics Unified Runtime Engine. Volume and mute control only for C420.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N  
(SupraPlus Wideband Binaural)



HW251N  
(SupraPlus Wideband Monaural)



HW301N  
(EncorePro Binaural)



HW291N  
(EncorePro Monaural)



H81N  
(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.






### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™








# Headsets and Audio Endpoints for ShoreTel®

Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth and corded headsets and audio endpoints compatible with ShoreTel for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming Range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless Frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ² DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	<b>ShoreTel Communicator, ShoreTel Roam Anywhere Client</b>				
<b>Desk phones</b>	IP 500 series: 565g, 560g, 560; IP 200 series: 265, 230g, 230, 212k; IP 100 series: 115, 110				
<b>Desk phone exceptions</b>	Not compatible	IP 500 and 200 series require RD1 adapter for call control. IP 100 series needs HL10: audio only, no call control			Not compatible

\*Must run Plantronics Unified Runtime Engine (P.U.R.E.) rev 1.2 and up for call control

# Headsets and Audio Endpoints for ShoreTel®

	 Blackwire™ 200 Series	 Blackwire 420	 Blackwire 600 Series	 SupraPlus® with DA45™	 Calisto® 420	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Call Control</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Mute, volume +/-	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility*</b>	<b>ShoreTel Communicator, ShoreTel Roam Anywhere Client</b>					
<b>Desk phones</b>	IP 500 series: 565g, 560g, 560; IP 200 series: 265, 230g, 230, 212k; IP 100 series: 115, 110					
<b>Desk phone exceptions</b>	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	

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# Adapters and Connectors for ShoreTel® Phones



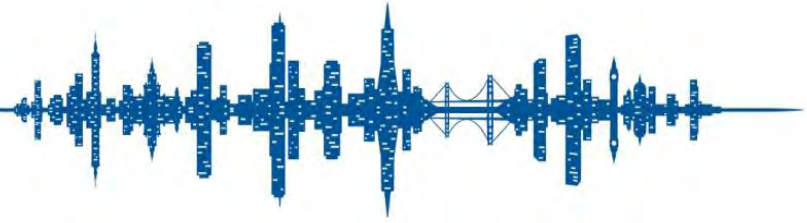
EHS remote call control (call notification, answer/end, volume, mute) is enabled for ShoreTel phones by the Plantronics® RD-1 adapter for the Savi Wireless Systems and for the CS Wireless Systems.

ShoreTel Phone	CS Wireless System Adapters for ShoreTel		Savi® Wireless System Adapters for ShoreTel		H-Series Corded Headsets Direct Cables for ShoreTel
	Product Name	Part #	Product Name	Part #	
IP212K	RD-1	78887-01	RD-1	78887-01	A10-16
IP230	RD-1	78887-01	RD-1	78887-01	A10-16
IP265	RD-1	78887-01	RD-1	78887-01	A10-16
IP560	RD-1	78887-01	RD-1	78887-01	A10-16
IP560 (g)	RD-1	78887-01	RD-1	78887-01	A10-16
IP565 (g)	RD-1	78887-01	RD-1	78887-01	A10-16
IP655	RD-1	78887-01	RD-1	78887-01	A10-16

## Technical Notes

- Requires the system to be running Rev 7 or higher SW.
- To configure Automatic Off-Hook Preference, follow this procedure:
  - Step 1** Press the Options button, followed by your password.
  - Step 2** Scroll to **Auto Off-Hook** and press the **Edit** soft key.
  - Step 3** Scroll to the desired Auto-Off-Hook mode. You can choose to route calls to 1. Speaker, or to one of three types of headsets: 2. Headset, 3. Wireless Headset, or 4. Bluetooth.
  - Step 4** Highlights the desired option and press the **OK** soft key. Note that if you select 4. Bluetooth, you must also pair the headset with your IP phone before you can use the headset. See “Pairing with a Bluetooth Wireless Headset” on page 33.
  - Step 5** Press the **Done** soft key.

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**SIEMENS**

Section 14

# Audio Devices Compatible with Siemens® UC

A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for Siemens OptiClient 130 and OpenScape UC.

## Siemens UC Applications



**OptiClient 130** turns your notebook or PC into a telephone, making it the center of communication with voice, data, e-mail and web capabilities. Whether in the company office, home office, at a customer site or on a business trip, OptiClient gives mobile users access to the following functions at any time: mobility, directory integration, user friendliness.



**OpenScape UC** integrates into diverse IT and telephony environments and existing Microsoft or IBM unified communication applications. It gives enterprises access to the transformational process efficiencies of communications-enabled business processes (CEBP), by integrating seamlessly with in-place workflow, ERP, vertical, and other business applications.

### Audio Compatibility

Supports audio compatibility for the Savi Wireless System, Blackwire USB Coded Headsets, Voyager Bluetooth Headsets and Calisto USB Phones.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

## USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.



# Audio Devices Compatible with Siemens® Phones

In the Contact Center and across the Enterprise, Plantronics® delivers a comprehensive portfolio of wireless and corded audio solutions with remote call control for Siemens desk phone communications.

## Siemens Phones



Optipoint 410



Openstage 40



Optipoint 420



Openstage 60



Optipoint 500



Openstage 80



Optipoint 600

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### CS Wireless Systems

Connect wirelessly to the desk phone with performance, style, and comfort



### H-Series Corded Headsets

Communicate with a lightweight and durable corded headset designed for contact center and office professionals

## Audio Processors for Enhanced Sound



### AP15 VistaPlus® Audio Processor

Superior outgoing and incoming sound on traditional and VoIP systems with AudioIQ®'s DSP-powered multiband compression and noise and echo reduction technologies.



### M22 Vista® Audio Processor

Clearline audio for improved audio quality in any environment, including VoIP.



### MX10 Headset Switcher™ Multimedia Amplifier

Connects your telephone, PC or external audio device to a Plantronics headset, providing sound control through the headset.

## Remote Call Control for Wireless Headsets

- APS-10 Adapter for Savi Wireless Systems
- APS-1 Adapter for CS Wireless Systems



# Features Guide for Wireless Audio Devices

Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to a desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



WO100 (Convertible)



WO200 (Over-the-Ear)



WO300  
(Over-the-Head, Monaural)



WO350  
(Over-the-Head, Binaural)



W430  
(Over-the-Ear)

**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with Opticlient 130 and OpenScope UC.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430).

**Software Compatibility:** Audio compatibility with Opticlient 130 and OpenScope UC. Call control on Opticlient 130 with Persono Call® and call control on Openscape with Persono® Suite.

## CS Wireless System

Connects to a desk phone or PC. Best for users with extensive phone communications. Category of wireless headsets for office desk phones providing noise-canceling microphones.



CS361N  
(SupraPlus Wireless Binaural)



CS351N  
(SupraPlus Wireless Monaural)



CS50  
(Convertible)



CS55  
(Convertible)



CS50-USB  
(Convertible)



CS70N  
(On-the-Ear)

**SupraPlus® Wireless** combines unmatched comfort and premium audio quality for wireless mobility and up to 10 full hours of talk time.

**CS50™ and CS55™** convertible wearing style include lifter to automatically lift and return the handset to the cradle.

**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with select Siemens phones.

**CS70N™** is optimized for performance with IP desk phone and features lightweight, all day comfort in on-the-ear wearing style.

**Device Connection:** Desk phone, PC (CS50-USB).

**Software Compatibility:** Audio compatibility with Opticlient 130 and OpenScope UC. Call control on Opticlient 130 with Persono Call and call control on Openscape with Persono Suite.

# Features Guide for Bluetooth and USB Audio Devices

New features for Plantronics® mobile audio devices incorporate sensor technology to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on your ear.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Audio compatibility with Opticlient 130 and OpenScope UC. Call control on Opticlient 130 with Persono Call® and call control on Openscape with Persono® Suite.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility with Opticlient 130 and OpenScope UC. Call control on Opticlient 130 with Persono Call and call control on Openscape with Persono Suite.

# Features Guide for Corded Audio Devices

Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Audio compatibility with Opticlient 130 and OpenScope UC.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N

(SupraPlus Wideband Binaural)



HW251N

(SupraPlus Wideband Monaural)



HW301N

(EncorePro Binaural)



HW291N

(EncorePro Monaural)



H81N

(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.






### Device Connection

- Desk phone
- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™



# Headsets and Audio Endpoints for Siemens®






Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth® and corded headsets and audio endpoints compatible with Siemens for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	<b>OpenScope UC, Opticlient 130</b>				
<b>Desk phones</b>	Optipoint series: 410, 420, 500, 600; Openstage series: 40, 60, 80				
<b>Desk phone exceptions</b>	Not compatible	Optipoint series needs APS-10 and acoustic adapter; Openstage series APS-10			Not compatible

\* Audio compatibility with Opticlient 130 and OpenScope UC. Call control on Opticlient 130 with Persono Call® and call control on Openscape with Persono® Suite.

\*\* Audio compatibility with Opticlient 130 and OpenScope UC.

# Headsets and Audio Endpoints for Siemens®

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	<b>Smart Sensor Technology</b> Built-in sensors deliver automatic functionality like answering a call by placing the headset on and simultaneously updating softphone availability status.
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, echo cancellation, noise reduction	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Call Control</b>	Call answer/end, mute, volume +/- **	Call answer/end, mute, volume +/- **	Call answer/end, mute, volume +/- **	Call answer/end, mute, volume +/- **	Mute, volume +/-*	
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility</b>	<b>OpenScape UC, Opticlient 130</b>					
<b>Desk phones</b>	Optipoint series: 410, 420, 500, 600; Openstage series: 40, 60, 80					
<b>Desk phone exceptions</b>	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	

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# EHS Adapters and Connectors for Siemens® Phones

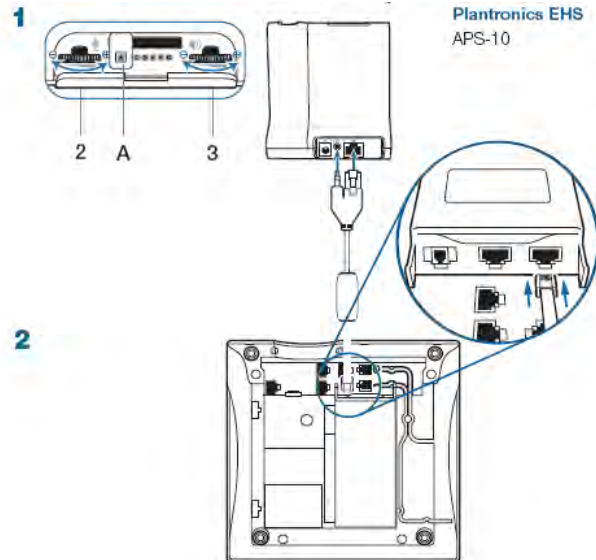
EHS remote call control (call notification, answer/end, volume, mute) is enabled for Siemens phones by the Plantronics APS-10 adapter for the Savi Wireless Systems and APS-1 adapter for the CS Wireless Systems.

Siemens Phone	CS Wireless System EHS Adapters for Siemens		Savi® Wireless System EHS Adapters for Siemens		H-Series Corded Headset Direct Cables for Siemens
	Product Name	Part #	Product Name	Part #	Product Name
Optipoint 410	APS-1	38347-01	APS-10	37818-01	A10-16
Optipoint 420	APS-1	38347-01	APS-10	37818-01	A10-16
Optipoint 500	APS-1	38347-01	APS-10	37818-01	A10-16
Optipoint 600	APS-1	38347-01	APS-10	37818-01	A10-16
OpenStage 40	APS-1	38347-01	APS-10	37818-01	A10-16
OpenStage 60	APS-1	38347-01	APS-10	37818-01	A10-16
OpenStage 80	APS-1	38347-01	APS-10	37818-01	A10-16

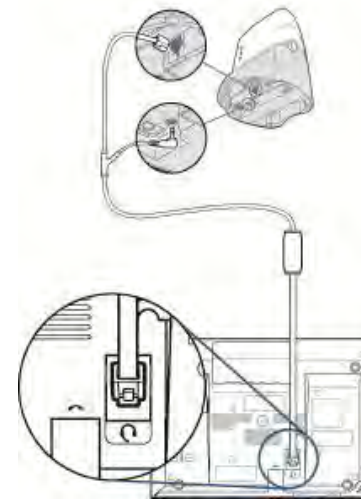


## Setup Diagrams for EHS Adapters

### Savi® Wireless System with OpenStage APS-10



### CS Wireless System with OpenStage APS-1



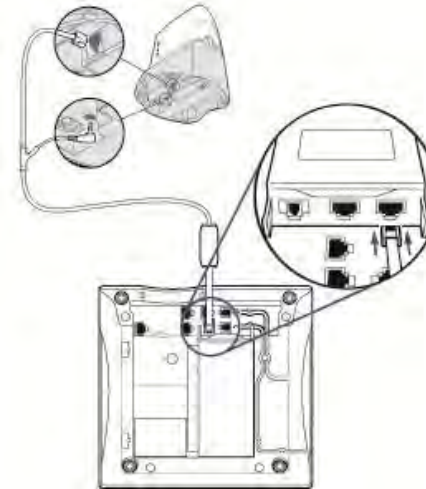
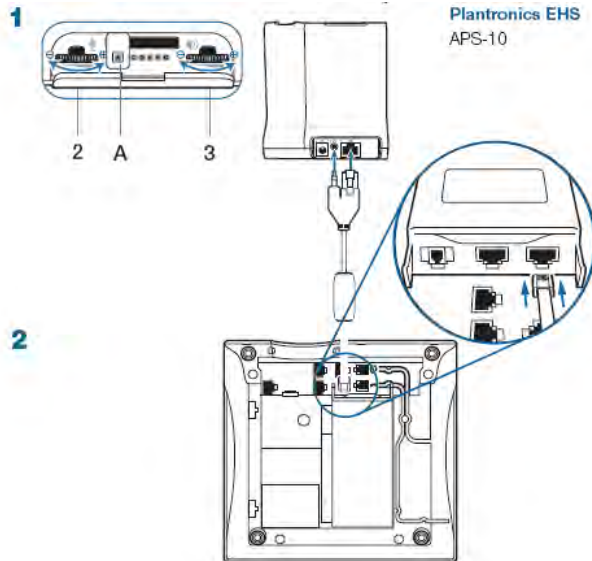
## Technical Notes

1. The APS-10 EHS module requires an initial “wake up” by pressing the headset button on the phone. This is a one time “wake up” unless the product is disconnected.
2. The APS-1 EHS module requires an initial “wake up” by pressing the headset button on the phone. This is a one time “wake up” unless the product is disconnected.

## Setup Diagrams for EHS Adapters

### Savi® Wireless System with Optipoint APS-10

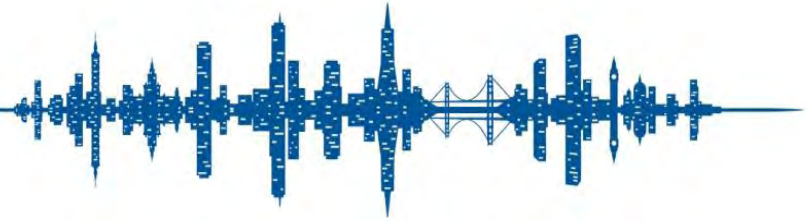
### CS Wireless System with Optipoint APS-1



## Technical Notes

1. The APS-10 EHS module requires an initial “wake up” by pressing the headset button on the phone. This is a one time “wake up” unless the product is disconnected.
2. The APS-1 EHS module requires an initial “wake up” by pressing the headset button on the phone. This is a one time “wake up” unless the product is disconnected.

plantronics®



Section 15

# Audio Devices Compatible with Skype® UC



A broad range of Plantronics® wireless, USB and Bluetooth audio devices deliver audio compatibility for Skype Softphone v4.0.

## Plantronics Solutions



### Savi® Wireless Headset Systems

Integrate PC and desk phone communications with one wireless headset



### Blackwire™ USB Coded Headsets

Connect to the desk phone with performance, style, and comfort all in one wireless headset



### Voyager™ PRO UC Bluetooth® Headsets

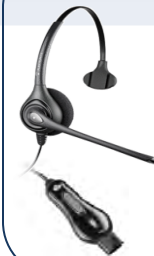
Unify communications between PC and mobile phone calls



### Calisto® USB Phones

Transition to PC communications with a portable USB handset or speakerphone

## USB Audio Processors for H-Series Coded Headsets



### USB Audio Processor Series (DA40™, DA45™, DA55™, DA60™)

For the Plantronics H-Series Coded Headsets, bring digitally enhanced audio quality to VoIP and PC-based communications.

## Skype UC Applications



**Skype's Softphone v4.0** is a software application that allows users to make voice calls over the Internet.

Other features include instant messaging, file transfer, and video conferencing.

## Call Control for Wireless (Remote) & Coded Headsets

**Plantronics Unified Runtime Engine** enables remote call control – including call notification, answer/end, volume and mute – for the Savi Wireless System, Voyager Bluetooth Headsets, Blackwire USB Coded Headsets, and Calisto USB Phones (volume and mute).

# Features Guide for Wireless Audio Devices



Integrate PC and desk phone communications with a single headset. Answer and end a call remotely up to 300 feet from your desk. Plantronics® bridges all the gaps – regardless of communications platform, device or application.

## Savi® Wireless Headset System

Connects to desk phone and/or PC. Best for users with mixed PC and office phone communications. Unifies traditional telephony and PC communications with a single, wireless headset combined with a noise-canceling microphone, wideband audio, SoundGuard® hearing protection, and DECT™ technology for better audio by eliminating interferences from Wi-Fi networks.



**Savi 430** is the first portable DECT dongle wireless headset with premium sound quality and advanced wideband audio using CAT-iq technology. Easy to install and use with Skype Softphone v4.0.

**Savi Office** gives maximum versatility, integrating PC and desk phone communications with one headset. Adapter cable is required with certain phones.

**Device Connection:** Desk phone + PC, PC only (W430)

**Software Compatibility:** Remote call control for Skype® Softphone v4.0 enabled by Plantronics Unified Runtime Engine.

## CS Wireless System

Connects to a PC. Best for users of extensive PC communications in noisy environments. The CS50-USB is the only USB headset in this category of noise-canceling wireless headsets for office desk phones.



**CS50-USB** in a convertible wearing style provides CS wireless versatility for PC communications with Skype Softphone v4.0 enabled by Plantronics Unified Runtime Engine.

**Device Connection:** PC

**Software Compatibility:** Remote call control for Skype Softphone v4.0 enabled by Plantronics Unified Runtime Engine.

# Features Guide for Bluetooth and USB Audio Devices



New features for Plantronics® audio devices incorporate sensor technology and Plantronics Unified Runtime Engine to create a more seamless and smarter user experience for mobile and PC communications. Answer incoming calls simply by putting the headset on, remove the headset to pause streaming media, and synchronize presence updates across devices and soft phones.

## Next Generation Voyager™ Bluetooth Headsets

Connects to a mobile phone and PC. Best for users with mixed PC and mobile phone communications. Most advanced dual noise-canceling wireless Bluetooth® headset designed for mobile professionals, unifying communications between PC and mobile phone calls. Superior audio performance with PC wideband and Echo cancellation.



B230  
(Voyager PRO UC)

**Voyager PRO UC** integrates the new Smart Sensor technology for a seamless user experience, and incorporates AudioIQ<sup>2</sup>™ and WindSmart® technology for clear voice quality, all with a single button to manage PC and mobile calls.

**Device Connections:** Bluetooth equipped mobile Phone + PC.

**Software Compatibility:** Remote call control for Skype® Softphone v4.0 enabled by Plantronics Unified Runtime Engine.

## Calisto® USB Phones

Connects to a PC via USB cable. Engineered for portability and excellent audio quality, the USB speakerphone is for those transitioning from traditional to PC telephony, providing wideband audio performance, SoundGuard® hearing protection, and a noise-canceling microphone.



Calisto 420  
(USB Speakerphone)

**Calisto 420** is a compact, hands-free alternative for high quality PC-based calls and web conferencing, providing volume and mute call control with a 360-degree microphone.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Volume and mute control for Skype Softphone v4.0 enabled by Plantronics Unified Runtime Engine.

# Features Guide for Corded Audio Devices



Compare the features required for your communications environment and work style. Plantronics® delivers unprecedented comfort and premium audio quality for PC and desk phone communications.

## Blackwire™ USB Corded Headsets

Connects to PC via USB cable. Offers the full range of portable, wideband audio USB corded headsets that provide exceptional voice clarity, SoundGuard® hearing protection, noise cancelation and comfort for PC audio in any work environment – anywhere, anytime.



C620 (Binaural)



C610 (Monaural)



C420 (Binaural)



C220 (Binaural)



C210 (Monaural)

**Blackwire 600 Series** is best for users with extensive PC communications. Premium audio and designed for all day comfort with convenient call control.

**Blackwire 420 Binaural** is best for users requiring a portable PC headset for multiple work locations.

**Blackwire 200 Series** is best for users with occasional PC communications. Great sound quality and economically designed for enterprise-wide deployment.

**Device Connection:** PC via USB cable.

**Software Compatibility:** Call control for Skype® Softphone v4.0 enabled by Plantronics Unified Runtime Engine.

## H-Series Corded Headsets

Connects to a desk phone, and to PC with specialized connectors. Best for users with extensive phone communications. Features Quick Disconnect™ and sets the standard for durable, lightweight corded headsets designed for contact center and office professionals, providing a noise-canceling microphone filtering out excessive sound to further heighten call clarity.



HW261N

(SupraPlus Wideband Binaural)



HW251N

(SupraPlus Wideband Monaural)



HW301N

(EncorePro Binaural)



HW291N

(EncorePro Monaural)



H81N

(Tristar)

**SupraPlus® Wideband** over-the-head comfort delivers premium audio performance and lets users converse easily, even in noisy environments.

**EncorePro®** provides an ultra-lightweight design and combines luxurious style with a new level of comfort and durability.

**Tristar®** can be custom fitted with an adjustable receiver arm and Quick Disconnect.

### Device Connection






- PC via DA45™ Connector
- Audio Processor via Quick Connect
- Audio Only via DA40™ and DA55™
- Volume/Mute Control via DA60™





# Headsets and Audio Endpoints for Skype®






Plantronics® is dedicated to working with our Strategic Technology Partners to provide clear, consistent and reliable voice collaboration for every working style. Plantronics offers the broadest range of wireless, Bluetooth® and corded headsets and audio endpoints compatible with Skype for your diverse enterprise workforce, delivering superior performance, comfort and worldwide support.

	 <b>Voyager™ PRO UC</b>	 <b>Savi® Office Convertible</b>	 <b>Savi Office Over-the-Ear</b>	 <b>Savi Office Over-the-Head</b>	 <b>Savi 430</b>
<b>Connects to</b>	PC + mobile phone	Desk phone + PC	Desk phone + PC	Desk phone + PC	PC
<b>Recommended for</b>	Mobile professionals who use PC audio and mobile phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with mixed PC and office phone communications	Users with PC communication in office or on the go
<b>Wearing style</b>	Over-the-ear	Convertible: over-the-ear; over the head	Over-the-ear	Over-the-head; monaural or binaural	Over-the-ear
<b>Roaming range</b>	Up to 33 feet	Up to 350 feet	Up to 350 feet	Up to 350 feet	Up to 300 feet
<b>Wireless frequency</b>	Bluetooth® v2.1 + EDR	DECT™ 6.0	DECT 6.0	DECT 6.0	DECT 6.0
<b>Audio performance</b>	Mono, PC wideband, echo cancellation, A2DP	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband	Mono, PC wideband
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard Digital™	SoundGuard®
<b>Microphone noise reduction</b>	Two noise-canceling mics AudioIQ2™ DSP WindSmart® technology	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling
<b>Remote Call Control*</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-
<b>Talk Time*</b>	Up to 6 hours	Up to 9 hours	Up to 6 hours	Up to 9 hours	Up to 6 hours
<b>Limited Warranty</b>	1 year	1 year	1 year	1 year	1 year
<b>Model number</b>	B230	WO100	WO200	C610 (monaural) C620 (binaural)	W430
<b>Part number</b>	38885-01	79956-01	79957-01	81794-01 (monaural) 81802-01 (binaural)	82396-01
<b>MSRP (USD)</b>	\$199.95	\$379.95	\$379.95	\$379.95 (monaural) \$399.95 (binaural)	\$279.95
<b>Compatibility*</b>	Skype v4.0				

\*Enabled by P.U.R.E.



# Headsets and Audio Endpoints for Skype

	 <b>Blackwire™ 200 Series</b>	 <b>Blackwire 420</b>	 <b>Blackwire 600 Series</b>	 <b>SupraPlus® with DA45™</b>	 <b>Calisto® 420</b>	<b>Technology Legend</b>
<b>Connects to</b>	PC via USB	PC via USB	PC via USB	PC via USB	PC via USB	
<b>Recommended for</b>	Users with occasional PC communication	Users requiring a portable PC headset for multiple work locations.	Users with extensive PC communication	Users with extensive PC communication	PC users on the go to transform any workspace into a conference room.	<b>A2DP</b> A Bluetooth profile that allows high quality audio content to be streamed from one device to another through a Bluetooth connection. Listen to streaming media, music and navigation wirelessly through your headset.
<b>Wearing style/usage</b>	Binaural Folds flat		Monaural Binaural	Monaural Binaural	Speakerphone	
<b>Audio performance</b>	Wideband Stereo	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) Echo cancellation	Wideband, Stereo (binaural) cancellation	Echo Wideband, echo cancellation, noise reduction	<b>AudioIQ<sup>2</sup></b> Keeps calls clear, regardless of the environment. Automatically adjusts incoming calls to a comfortable listening level.
<b>Hearing protection</b>	SoundGuard	SoundGuard	SoundGuard	SoundGuard®	N/A	<b>SoundGuard</b> Sound leveling for listening comfort and acoustic limiting for protection against sounds about 118 dBA.
<b>Microphone noise reduction</b>	Noise-canceling	Noise-canceling	Noise-canceling	Noise-canceling	N/A	<b>SoundGuard DIGITAL</b> All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85dBA.
<b>Call Control*</b>	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Call answer/end, mute, volume +/-	Mute, volume +/-	<b>Wideband</b> Frequency range up to 6,800 Hz. Meets TIA-920 standard for genuine wideband response.
<b>Limited Warranty</b>	1 year	1year	2 years	2 years	2 years	
<b>Model number</b>	C210 (monaural) C220 (binaural)	C420	C610 (monaural) C620 (binaural)	HW251N (monaural) HW261 (binaural)	P420	
<b>Part number</b>	80298-03 (C210) 80299-03 (C220)	82632-01 (C420)	81964-41 (C610) 81965-41 (C620)	64338-31 (monaural) 64339-31 (binaural) +77559-41 (DA45)	82136-01	
<b>MSRP (USD)</b>	\$44.95 (monaural) \$49.95 (binaural)	\$89.95	\$109.00 (monaural) \$129.00 (binaural)	DA45 sold separately \$102 (monaural), \$99 (DA45) \$122 (binaural), \$99 (DA45)	\$179.00	
<b>Compatibility*</b>	Skype v4.0					

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