

IP Conferencing Phone

KX-NT700

Enhanced Communications Solutions



KX-NT700 ACCESSORY Optional External Microphone

The KX-NT700 supports up to 2 external mics (KX-NT701)

SPECIFICATIONS

		Technical specifications			Features
Analog Line Interface	I/F connector	RJ11 x 1	Signalling Protocol	SIP	RFC3261 and companion RFCs
	Dialing	Dial Pulse (DP) 10pps, 20pps Tone (DTMF) Dialing		CODEC	G.711(A/u), G.729a, G.722(64kbps)
Ethernet Interface	I/F connector	RJ45 x 1	VoIP	PLC	Yes (G.711 only)
	Transceiver type	10/100Base-T, Auto MDI/MDX		Silence suppression	No
General purpose Interface	USB Interface	USB2.0 (Low/Full speed) Device Function x 1		CNG	No
	SD slot	1		Jitter buffer	Max 500ms (G.729a)
	Audio Line In/Out	ø3.5mm mini-jack x 1		Packet Header compression	No
Microphone Interface	I/F connector	RJ9 x 2		QoS	IEEE 802.1 P/Q, Layer 3 TOS, Diffserv
	External	4 Wire (Power, GND, MIC-Mute, MIC-Signal-Input)		Network	TCP/IP, UDP, RTP
Audio Interface	Loudspeaker	1	RTCP		Future support
	Speaker volume	Adjustable to 85dB at 0.5m	FTP client		Yes
	Range of frequency	300Hz - 7000Hz	DHCP client		Yes
	Stereo/mono	mono	Calendar	Yes	
	Internal microphone	Microphone x 4 corners	Caller ID	No	
	Microphone coverage	3m Radius	Phonebook	100	
	Range of frequency	300Hz - 7000Hz	Dialer Storage Capacity	32	
Display	LCD Resolution	103 x 48 Full dot	Mute	Yes	
	LCD Back light	Yes (white)	Flash	Yes	
	LCD contrast	Yes (6-level)	Pause	Yes	
Status Indicator	LED	4 (dual-colored LED red & blue)	Redial	Yes	
	Keypad	Function key	F1, F2, F3	History Redial	10
Volume (scroll) key		UP, DOWN	Ringer Patterns	3	
Dial key		0-9, *, #	Ringer Volume	Off, Low, Middle, High	
Other key		SP-Phone, Flash, Redial/Pause, Mic Noise Cut, Clear, Back, Menu, Enter	SP-Phone Volume	8 steps	
Chassis	Size	2 3/16"H x 10 1/16"W x 10 1/16"D	Programmable Tone/Pulse	Yes	
	Weight	2.87 lbs.	Multi point conferencing	3 points	
Power supply	AC Adapter (PQLV206)	Input 85-276V / max 0.3A Output DC9V 750mA	All/individual disconnect	Yes	
	PoE	IEEE802.3af compliant Max 6.5W	Conference Recording	Recording time period	67 Hours (2GB SD card)
Environment conditions	Operating temperature	0°C-40°C		Number of recordings	Maximum 100
	Storage temperature	-10°C-50°C		New message playback	Yes
	Relative humidity	Less than 90% (non-condensing)		FF/REV/STOP	Yes
Telephone	All/individual erase	Yes	Skip/Repeat	Yes	
			Time stamp	Yes	

SYSTEM COMPATIBILITY

Single line telephone (SLT) compatible*: KX-TDA50/100/200/600, KX-TDE 100/200/600, KX-NCP500/1000

IP/SIP compatible: KX-TDE100/200/600, KX-NCP500/1000

* Caller ID board recommended



Panasonic Consumer Electronics Company

Panasonic Corporation of North America
Executive Offices: One Panasonic Way,
Secaucus, NJ 07094
(201) 348-7000

www.panasonic.com/ecs

Panasonic Customer Service

9 am - 9 pm (EST) Mon. through Fri.
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1-800-211-PANA

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Panasonic ideas for life



The clear choice for more productive conference calls

In a perfect world, all business meetings would be face-to-face

However, in this imperfect world of tightened travel budgets, busy schedules, deadlines, traffic jams and geographically dispersed offices, telephone conferences are proven time and money savers. Now you can be sure you'll get the most out of your conferences with the Panasonic KX-NT700 IP Conference Phone. It's the next best thing to meeting in person.

High definition voice quality

The KX-NT700 uses a wideband speech codec to deliver high definition sound quality. This ensures that multiple users can engage in a conversation without compromising voice quality and delivers crystal clear sound giving your conferences an intimate, face-to-face feeling.

Real-time slow-talk

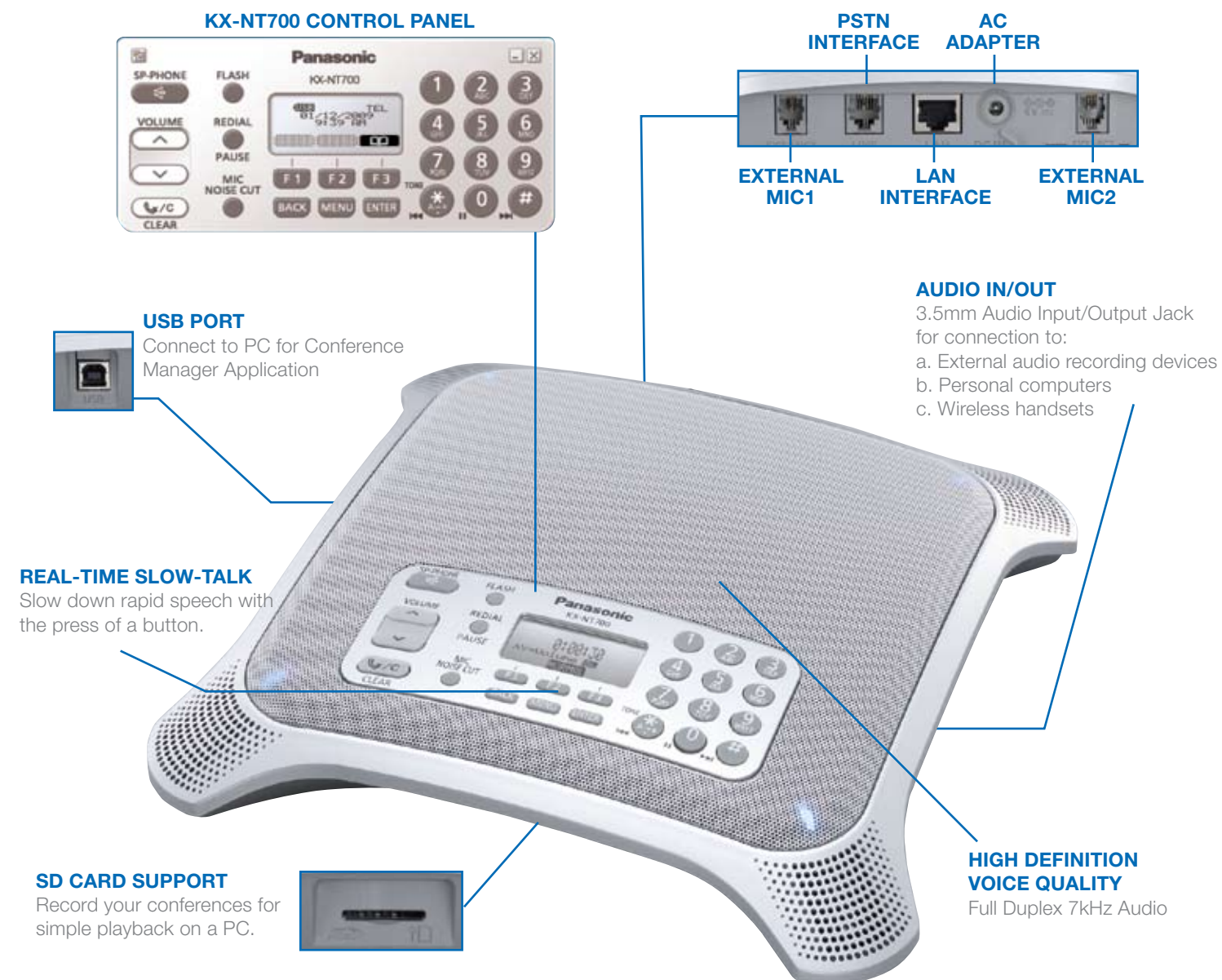
A Panasonic exclusive! This ingenious feature allows you to easily understand a fast talker by slowing down spoken words while shortening the silent intervals between them. Avoids wasted time caused by asking conference participants to repeat themselves.

SD card recording

Here's an easy way to record and review completed meetings. The KX-NT700 features an SD card slot so you can easily record your conferences to an SD card and play them back on a PC at your convenience. A 2GB SD card will record up to 67 hours of conference time!

Noise reduction

The KX-NT700 employs noise reduction technology which helps reduce ambient noise such as projector fans, ceiling music or nearby traffic so you hear the conversation not the noise.



A co-worker that fits right in

The KX-NT700 works with your existing telephone system, or operates natively on your business or broadband data network. The system includes a Three-Party Conference feature that lets you conference up to three units together, or conference one analog call into a two-party IP conference meeting. Need to further expand your meeting to include other remote parties? The KX-NT700 is designed to work with a variety of existing equipment for maximum flexibility including:

- IP Compatibility
- SIP Compatibility
- Single-Line Telephone (SLT) Capability
- Web Conferencing Systems Capatability*

Also, the KX-NT700 supports connection to Standard (PSTN) telephone networks so it's no problem adding a remote mobile phone to the conference if someone's running late and you want to conference them in.

* Future Software Version