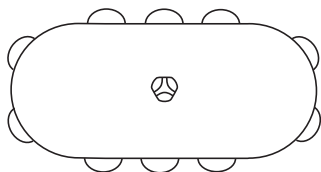


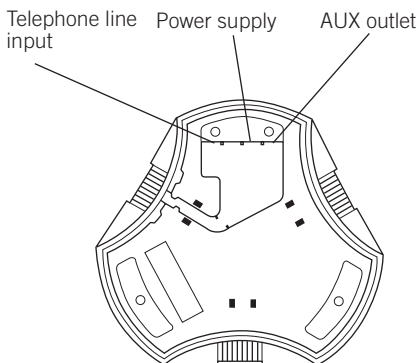
Wireless headset

For ultimate flexibility, the Konftel 200AUX can be connected to most wireless office headsets. This improves audio perception in situations where one person is more active in the conversation and allows greater freedom of movement. Move around freely or turn away from the Konftel 200AUX – when you need to write on a white-board, for instance – without reducing audio perception.

The Konftel 200AUX microphone is also active, to enable all present to participate in the conversation.



Note! Always disconnect the power supply from the electrical outlet when connecting and disconnecting equipment to the Konftel 200AUX.



Connect cable 900102085 between the AUX outlet and the headset phone connection. Follow instructions in the headset manual to adjust levels.

Note that the Konftel 200AUX microphone and the headset microphone are active at the same time.

To adjust the headset, move away from the Konftel 200AUX so your voice cannot be picked up by the microphone. Move to another room if the room is too small.

Visit the Konftel website, www.konftel.com/200AUX for compatibility and recommended headset settings.



User guide

Conference phone Konftel 200

English | Español | Français

Conference phones for every situation







This package includes the following items:

- 1 pc User Guide
- 1 pc Conference Phone
- 1 pc Power supply
- 1 pc Power supply and network cable
- 1 set Intermediate plugs

The optional equipment package includes the following items:

- 1 pair Expansion microphones
- 2 pcs Expansion microphone cable 4.9 ft (1.5 m)
- 2 pcs Expansion microphone cable 8.2 ft (2.5 m)
- 1 pc Remote control
- 4 pcs Batteries (AAA) for the remote control

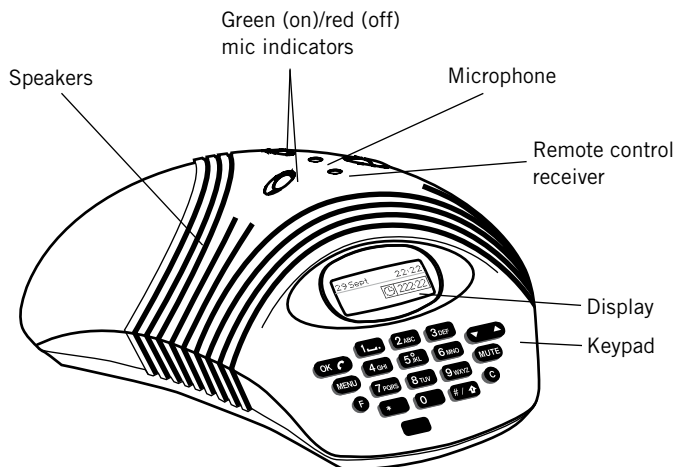
Please check that the package contains all items listed. If any items are missing, please contact your dealer.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.		
	CAUTION	
RISK OF ELECTRIC SHOCK DO NOT OPEN		
CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		
	The lightning symbol is intended to alert you to the presence of uninsulated dangerous voltage within this product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.	
	The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.	

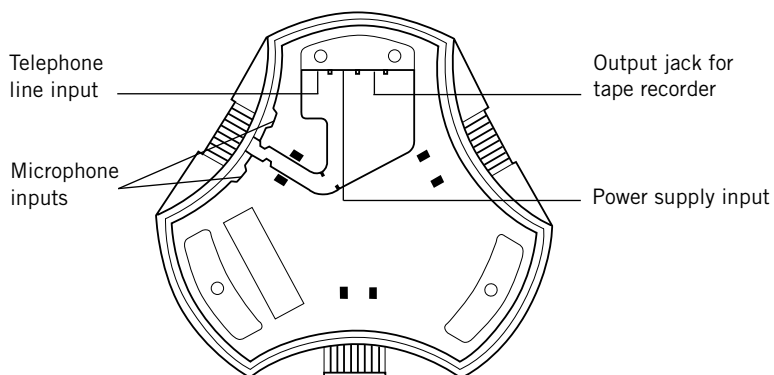
Contents

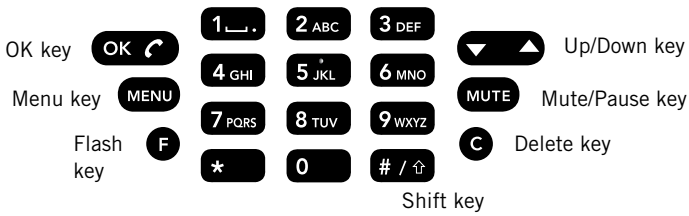
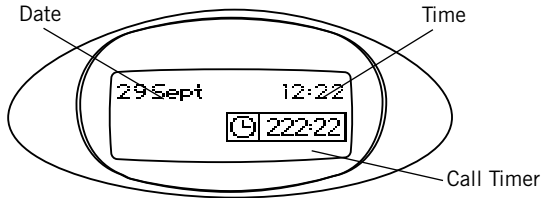
Description	4
Display and Keypad	5
Placement Guide	6
Connection	7
Calling	8
<i>Incoming Calls</i>	8
<i>Outgoing Calls</i>	8
<i>Three-way Calls</i>	9
<i>Programming the Flash key</i>	10
<i>Speed Dialing, Redial</i>	11
Volume Control, Mute, Tuning	12
Menu	13
<i>Add a New Number in Phonebook</i>	13
<i>Edit Phonebook</i>	14
<i>Delete Name and Number</i>	15
<i>Ring Volume</i>	15
<i>Change Time and Date</i>	16
<i>Select Language</i>	16
<i>Keypad Tone</i>	17
Accessories and Spare Parts	18
Accessories	19
<i>Expansion microphones</i>	19
<i>Remote Control</i>	20
<i>Remote Control Functions</i>	21
Troubleshooting and Maintenance	22
Technical Data	23
Warranty	25
Service	26
FCC Information	27
CSA Information	29

Top



Bottom





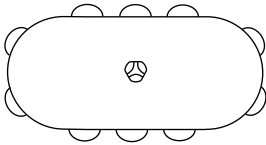
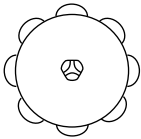
- 1** . 1, space, . (period)
- 2** ABC 2, A, B, C, Å, Ä, Å, Ä, a, b, c, å, ä, å, à
- 3** DEF 3, D, E, F, É, È, d, e, f, é, è
- 4** GHI 4, G, H, I, g, h, i
- 5** JKL 5, J, K, L, j, k, l
- 6** MNO 6, M, N, O, Ö, Ø, Ñ, m, n, o, ö, ø, ñ

- 7** PQRS 7, P, Q, R, S, p, q, r, s
- 8** TUV 8, T, U, V, Ü, Ú, t, u, v, ü, ú
- 9** WXYZ 9, W, X, Y, Z, w, x, y, z
- 0** 0
- *** *
- #** #

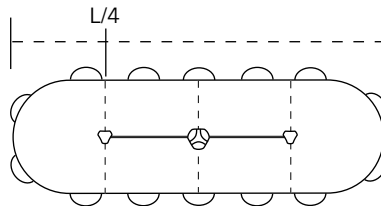
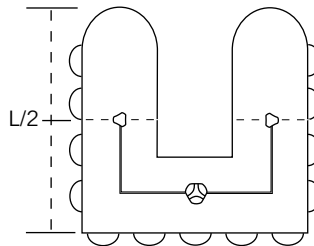
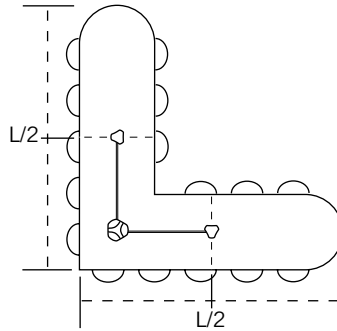
6 Placement Guide

For optimum sound, position the units as shown in the illustrations

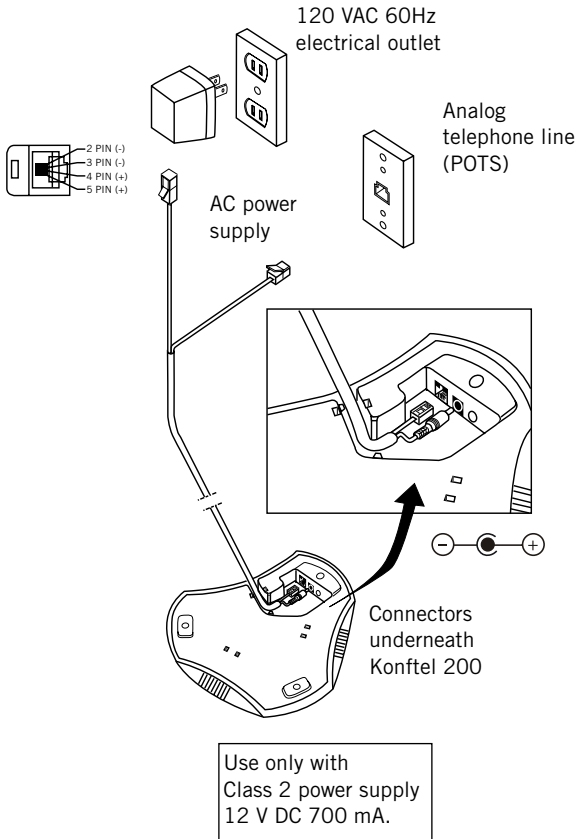
Konftel 200 has a range of up to 300 sq ft (30 m²)



Konftel 200 with expansion microphones has a range of up to 700 sq ft (70 m²)



Analog line



English

Incoming Calls



A ring signal is heard and the green mic indicators light to indicate the incoming call.



Press the OK key to answer.



The call duration is displayed in the call timer display.

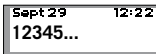


To end the call, press OK.

Outgoing Calls



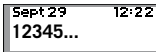
Press OK.



0-9...

Dial the number.

or

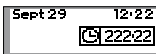


0-9...

To preview, first enter the phone number.



Press OK. The number is called within 3 seconds.



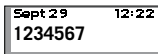
The call duration is displayed in the call timer display.



To end the call, press OK.

Three-way Calls

Note: The availability and function of the three-way feature can vary from country to country and may also depend on the PBX to which the Konftel 200 is connected. We recommend you use a telephone conferencing service to connect more than three locations. If you have questions regarding availability, please contact your dealer.



Sept 29 12:22
1234567

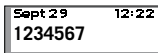
Enter the number of the first meeting participant.



Press OK. The number is called within 3 seconds.



When the first call is connected, press the Flash key to get a new dial tone.



Sept 29 12:22
1234567

Enter the number of the second meeting participant and wait for answer.



Press the Flash key followed by the 3 key, and all three parties can now participate in the call.

If your call is not answered


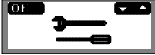










Press the Flash key followed by the 1 key to return to the first call.

If the Flash key does not work

The requirements for the operation of the Flash key vary between PBXs and from country to country. Konftel 200 therefore lets you program the Flash time so that it works with most PBXs on the market.

Programming the Flash key (default setting = 600)

-  Press Menu.
-   Select Special Settings menu.
-  Press OK.
-   Choose Flash time.
-  Press OK.
-   Enter the value for the Flash key (R-pulse). The default setting is 5. Check in the table below whether the setting is right for your PBX/country.
- | Time: | PBX/country: |
|--------|-------------------------|
| 50 ms | Ericsson MD110 |
| 100 ms | Scandinavia, Europe |
| 150 ms | Reserved |
| 250 ms | Germany, France, Israel |
| 600 ms | USA |
-  Press the OK key to save the settings and exit.

Retrieve Speed Dial Numbers



Press the Up/Down key to scroll/view the Phonebook in alphabetical order. The last number dialed will appear first in the list.



Press OK to dial the selected number. The number is displayed and dialed within 3 seconds.



To end the call, press OK.

Redial



Press the Up key. The last number dialed will appear in the display.



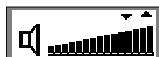
Press OK to dial the number. The number is dialled within 3 seconds.



To end the call, press OK.

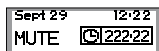
12 Volume Control Mute, Tuning

Volume Control



Adjust the speaker volume with the Up/Down key during the call.

Mute Function

























Press the Mute key to switch off the microphone. The mic indicators change to red. Press again to switch on the microphone. The mic indicators change back to green.

Tuning



When the Konftel 200 is switched on, the sound automatically adjusts for room size. The Konftel 200 senses the acoustics of the room and adapts continuously during the call. For manual tuning, press the Up/Down key at the same time. A brief sound will be heard.

Add New Number in Phonebook

-   Press Menu.
-   Select Phonebook menu.
-   Press OK.
-   Select Add entry.
-   Press OK. The last number dialed will appear automatically.
-  *1-847...* Enter a telephone number using the keypad.
-   Press OK.
-  *A-Z...* Enter a name using the keypad. Press the key until the desired letter appears in the display and then enter the next letter. (A description of the characters that can be used is found on page 5.)
-   Press OK. The number and name are now stored. "Memory full" appears in the display if you attempt to save more than 50 numbers.
-   Press the Shift key to write small letters.
-   Press the C key to delete a number or letter.
-   Press the Menu key to cancel.

Edit Phonebook



Press Menu.



Select Phonebook menu.



Press OK.



Select Edit.



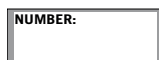
Press OK.



Select the name you want to edit from the list using the Up/Down key.

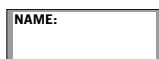


Press OK.



1-847...

Edit the number with the keypad and press OK.



A-Z...

Edit the name with the keypad and press OK.



The number/name is now stored.
















Press the C key to delete a number or letter.










Press the Menu key to cancel.













Delete Name and Number

-  Press Menu.
-   Select Phonebook menu.
-  Press OK.
-   Select Erase.
-  Press OK.
-   Select the name that you wish to delete from the list.
-  Press OK to select.
-  "Erase?" appears in the display.
-  If you do not wish to delete, press the C key.
-  If you wish to delete, press OK. The selected name and number are now deleted.



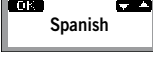
Adjust the Ring Volume

-  Press Menu.
-   Select the Ring Volume menu.
-  Press OK.
-   Adjust the volume with the Up/Down key. The ring volume is muted by selecting the symbol with an oblique bar over the bell.
-  Press OK. The Ring Signal Volume is now stored.












Change Time and Date

-  Press Menu.
-   Select Time and Date menu.
-  Press OK.
-   Adjust Time and Date with the Up/Down key.
-  Select Date. Press OK.
 Select Month. Press OK.
 Select Year. Press OK.
 Select Hour. Press OK.
 Select Minutes. Press OK.
- Time and date are now stored.
-  Go back with C key

Select Language

-  Press Menu.
-   Select Language menu.
-  Press OK.
-   Select language with the Up/Down key.
-   Select language with the Up/Down key.
- ...
-  Press OK.

Keypad Tone (default on)

-  Press Menu.
-   Select Special Settings menu.
-  Press OK.
-   Select Keypad Tone.
-  Press OK.
-   Select Keypad tone On/Off using the Up/Down key.
-   Press OK.

Note! When dialing, the touch tones will always be heard even if the keypad tone is switched off.

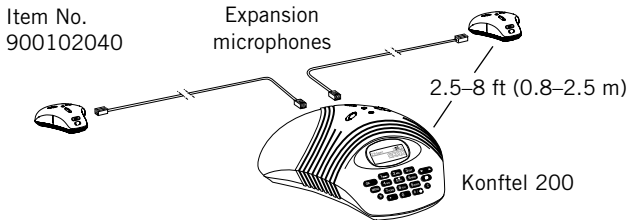
Accessories and Spare Parts

Item No.	Description
900102040	Expansion microphones
900102038	Remote control
9146030	Wall mounting bracket
900103342	Tape recorder cable
900103339	Extension cable, power supply 32 ft (10 m)
900103340	Extension cable, analog network, 32 ft (10 m)
900103341	Extension cable, power and analog network 25 ft (7.5 m)

Spare Parts

Item No.	Description
900103334	Power supply and analog POTS network cable, 25 ft (7.5 m)
840102057	Power supply 12 V DC, US type

Expansion microphones



The Konftel 200 can be easily modified to accommodate conference rooms with the use of two expansion microphones. It is then able to provide up to 700 sq. ft. (70 m²) of coverage.

Advantages: stronger sound from the speakers, higher microphone sensitivity.

Note! Always disconnect the power supply from the electrical outlet when disconnecting or connecting the expansion microphones cables. Carefully use a screwdriver when disconnecting the expansion microphones cables.

The expansion microphones should be placed not less than 2.5 ft (0.8 m) and not more than 8 ft (2.5 m) from the central unit and are connected using the cables supplied **before** making the call.

Once the expansion microphones are connected, the built-in microphone of the Konftel 200 is disconnected and the display shows how many units are connected.

The expansion microphones are supplied with two sets of cable, 5 ft (1.5 m) and 8 ft (2.5 m).



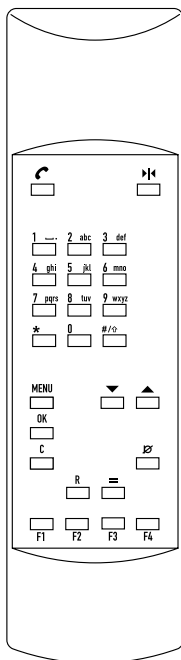
MUTE

The speaker volume can also be adjusted from the expansion microphones. Tuning can also be performed from the expansion microphones. Press the Up/Down key at the same time. A brief sound will be heard.

Press the Mute key for muting. Muting affects all the connected microphones. The microphone indicators will change from green to red.
















Remote Control

Item No.
900102038



All functions of the Konftel 200 can be conveniently operated from your position, regardless of where you are standing or sitting.

Remote Control Functions

			Lifts and replaces the "handset" regardless of whether Konftel 200 is in menu mode. If the Phonebook is displayed, the number shown will be called.
1		9	
	–		Enter the number or write the name. #/↵ shifts between capital and small letters.
		MENU	
			Enters and exits menu mode.
		OK	
			OK in menus, lifts and replaces the "handset". Dials the speed dial number.
		C	
			Deletes characters when dialing numbers or writing names. Exits from menus.
		R	
			Used for operator services, e.g. for three-way calls.
F1		F4	
	–		When a speed dial number is either saved or edited in the Phonebook, it may be stored by ending the programming with a function key instead of OK. The number behind the key is called in all menu modes other than programming. NOTE: A function key is overwritten without prior warning when a new number is stored.
			
			Tunes the Konftel 200 to the acoustic environment of the room.
			
			Adjusts the volume, leafs through the Phonebook and scrolls through the menus.
			
			Mute function. Switches the microphones on and off. Inserts a pause in speed dial numbers.
		=	
			Calls the last number dialed regardless of the menu mode.

Troubleshooting

1. Check that the microphone is on during the call. The green microphone indicators must be lit.
2. Check that the Konftel 200 is connected between an analog telephone jack and the telephone line input underneath the Konftel 200.
3. Bypass any extension cables and check whether the system is functioning correctly. If not, contact your dealer.
4. Disconnect the expansion microphones to determine if the system works without them. If not, return all units for service.
5. If the Konftel 200 must wait for a second dial tone, you should insert a pause with the Mute/ Pause key when entering telephone numbers in the Phonebook.

MUTE

Maintenance

Clean the equipment with a dry, soft cleaning cloth. Do not use any liquids!

Central Unit

Power Supply:	AC transformer 120 V AC/12 V DC; 700 mA.
Network interface:	Analog PBX or POTS, RJ-11.
Power supply and network cable:	25 ft (7.5 metre), RJ-11 (line), EIAJ Class IV (power).
Recommended room conditions:	Reverberation time: <0.5 sec. Background noise: <45 dB(A).
Frequency response:	200 – 3700 Hz.
Loudspeaker volume:	85 dB SPL (increased if extra microphones are used).
Room echo suppression:	208 ms.
Line echo suppression:	25 ms.
Automatic calibration:	<1 ms impulse (not discernible).
Tape recorder output:	3.5 mm tele jack. Contact for connection of tape recorder may only be connected to a SELV voltage in accordance with (UL60950) EN 60 950.
Dimensions:	Diameter 9 inch (232 mm).
Weight:	1.5 lbs (700 g).
Temperature range:	41–104° F (5 – 40° C) in operation.
Humidity:	20 % – 80 % non-condensing.
Approvals:	FCC Part 68 FCC Part 15 ICES-003 UL60950 CAN/CSA C22.2
Keyboard:	19 keys.

Expansion Microphones (accessories)

Power supply:	Power from microphone outlet
Cables:	Modular 4/4 contacts 2 x 5 ft (1.5 m) and 2 x 8 ft (2.5 m)
Microphone:	Omnidirectional
Microphone indicator:	Green – microphone on Red – microphone off
Temperature range:	41–104°F (5 – 40° C) in operation
Keyboard:	3 keys

Remote Control (accessories)

Batteries:	4 x AAA (LR03), 1.5 V
Temperature range:	41–104° F (5 – 40° C)
Range:	Up to 16 ft (5 m)
Dimensions:	8 x 2 x 1 inch (205 x 55 x 21 mm) (L x B x H)
Weight:	4.9 oz (140 g)
Keyboard:	26 keys

Limited Warranty

Konftel warrants to the end user ("Customer") that this product will be free from defects in workmanship and materials, under normal use and service, for two (2) years from the date of purchase from its authorized reseller. Konftel's sole obligation under this express warranty shall be, at Konftel's option and expense, to repair the defective product or part, deliver to Customer an equivalent product or part to replace the defective item.

All products that are replaced will become the property of Konftel. Replacement products or parts may be new or reconditioned. Konftel warrants any replaced or repaired product or part for ninety (90) days from shipment, or the remainder of the initial warranty period, whichever is longer. Products returned to Konftel must be sent prepaid and packaged appropriately for safe shipment, and it is recommended that they be insured or sent by a method that provides for tracking of the package. Responsibility for loss or damage does not transfer to Konftel until the returned item is received by Konftel. The repaired or replaced item will be shipped to Customer, at Konftel's expense, not later than twelve (12) days after Konftel receives the defective product, and Konftel will retain risk of loss or damage until the item is delivered to Customer.

Exclusions

KONFTEL will not be liable under this limited warranty if its testing and examination discloses that the alleged defect or malfunction in the product does not exist or results from:

- Failure to follow Konftel's installation, operation, or maintenance instructions.
- Unauthorized product modification or alteration.
- Unauthorized use of common carrier communication services accessed through the product.
- Abuse, misuse, negligent acts or omissions of Customer and persons under Customer's control; or
- Acts of third parties, acts of God, accident, fire, lightning, power surges or outages, or other hazards.

WARRANTY EXCLUSIVE. IF A KONFTEL PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, CUSTOMER'S SOLE REMEDY FOR BREACH OF THAT WARRANTY SHALL BE REPAIR OR REPLACEMENT AT KONFTEL'S OPTION. TO THE FULL EXTENT ALLOWED BY LAW, THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, TERMS, OR CONDITIONS, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES, TERMS, OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, CORRESPONDENCE WITH DESCRIPTION, AND NON-INFRINGEMENT, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. KONFTEL NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY.

Service Agreements

For information on KONFTEL service agreements, call or email KONFTELS helpdesk:

USA and Canada

+1-(866)-606-4728 Monday through Friday 8:00 AM to 17:00 PM (GMT:-1)
email: konftel.usa@konftel.com

International

+46-90706489 Monday through Friday 8:00 AM to 17:00 PM (GMT:-1)
email: info@konftel.com

If you purchased your product from a Konftel Authorized Reseller, contact the Authorized Reseller for information about service agreements applicable to your product.

LIMITATION OF LIABILITY. TO THE FULL EXTENT ALLOWED BY LAW, KONFTEL EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF ITS PRODUCTS, EVEN IF KONFTEL OR ITS AUTHORIZED RESELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR OR REPLACE AT KONFTEL'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

Disclaimer

Some countries, states, or provinces do not allow the exclusion or limitation of implied warranties or the limitation of incidental or consequential damages for certain products supplied to consumers, or the limitation of liability for personal injury, so the above limitations and exclusions may be limited in their application to you. When the implied warranties are not allowed to be excluded in their entirety, they will be limited to the duration of the applicable written warranty. This warranty gives you specific legal rights which may vary depending on local law.

FCC Statement

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:5RWMT05B100200. If requested, this number must be provided to the telephone company.

An applicable certification jack Universal Service Order Code (USOC) for the equipment is provided (i.e., RJ11C) in the packaging with each piece of approved terminal equipment.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. [For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: 5RWMT05B100200. The digits represented by 05 are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.]

NOTICE: If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this Konftel 200 does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

NOTICE: According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge protector is recommended.

The FCC Wants You To Know

In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service. If this happens, the phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this telephone. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

This equipment complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules. These limits provide reasonable protection against radio and TV interference in a residential area.

However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

- reorient or relocate the receiving antenna
- increase the distance between the equipment and the radio or TV.
- use outlets on different electrical circuits for the equipment and the radio or TV

Consult your local store if the problem still exists.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

Warning: Changes or modifications to this phone not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: Consent all party if the conversation was recorded.

Lightning

Your telephone has built-in lightning protection to reduce the risk of damage from surges in telephone line and power line current. This lightning protection meets or exceeds FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone when storms approach to reduce the possibility of damage.

Statement

This product meets the applicable Industry Canada technical specifications.

The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

Konftel is a leading company within loudspeaker communication and audio technology. We develop and sell products and technology for telephone conferences based on cutting-edge expertise within acoustics and digital signal processing. Characteristic of our products is that all conference telephones contain the same high quality audio technology – OmniSound® providing crystal clear sound. Read more about Konftel and our products on **www.konftel.com**

Developed by Konftel AB
Box 268, SE-901 06 Umeå, Sweden
Phone: +46 90 706 489 Fax: +46 90 131 435
E-mail: info@konftel.com Web: www.konftel.com
