

# User guide

## Conference phone Konftel 200

Deutsch | English | Français | Italiano

Conference phones for every situation



**This package includes the following items:**

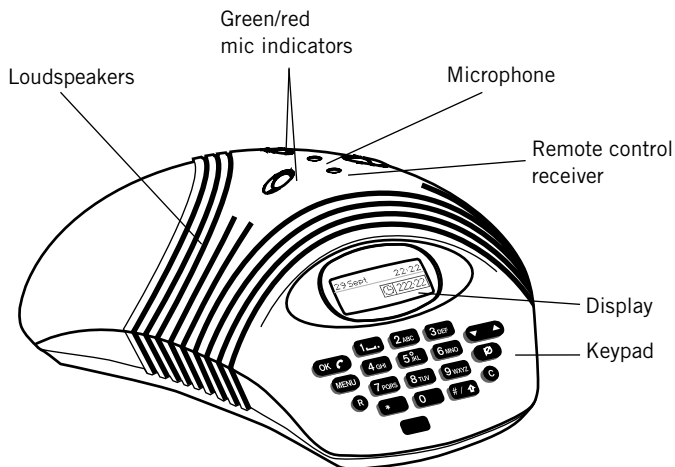
- 1 pc User Guide
- 1 pc Conference Phone
- 1 pc Mains transformer
- 1 pc Power supply and network cable
- 1 set Intermediate plugs

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

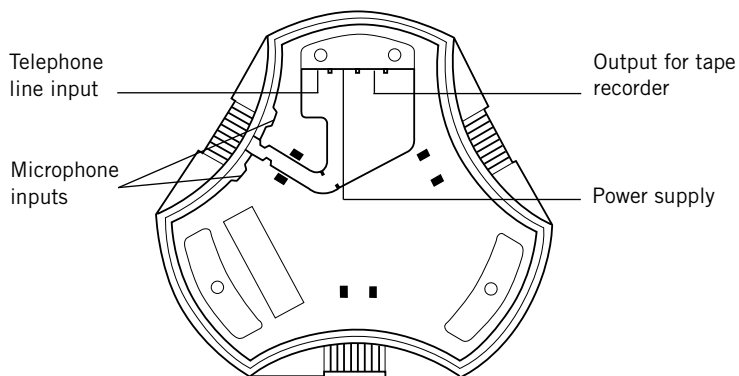
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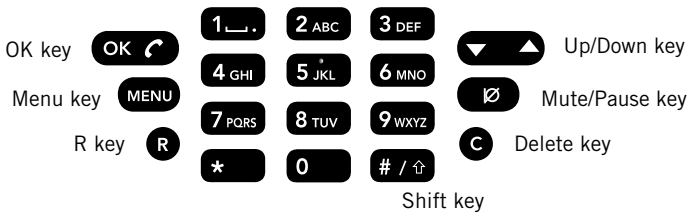
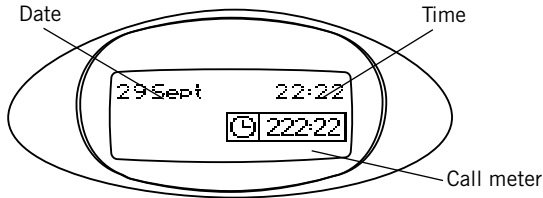
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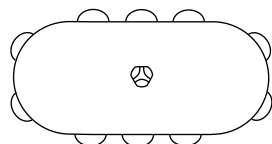
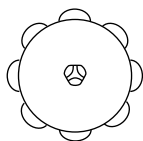


- 1** 1, space, . (period)
- 2** 2, A, B, C, Å, Ä, Å, Ä, a, b, c, å, ä, å, à
- 3** 3, D, E, F, É, È, d, e, f, é, è
- 4** 4, G, H, I, g, h, i
- 5** 5, J, K, L, j, k, l
- 6** 6, M, N, O, Ö, Ø, Ñ, m, n, o, ö, ø, ñ

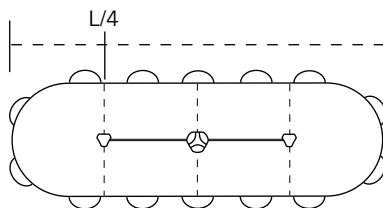
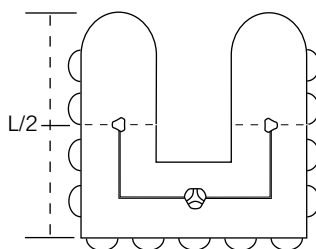
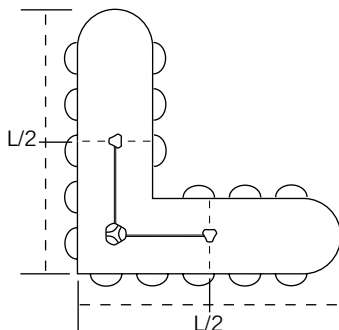
- 7** 7, P, Q, R, S, p, q, r, s
- 8** 8, T, U, V, Ü, Ú, t, u, v, ü, ú
- 9** 9, W, X, Y, Z, w, x, y, z
- 0** 0
- \*** \*
- #** #

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

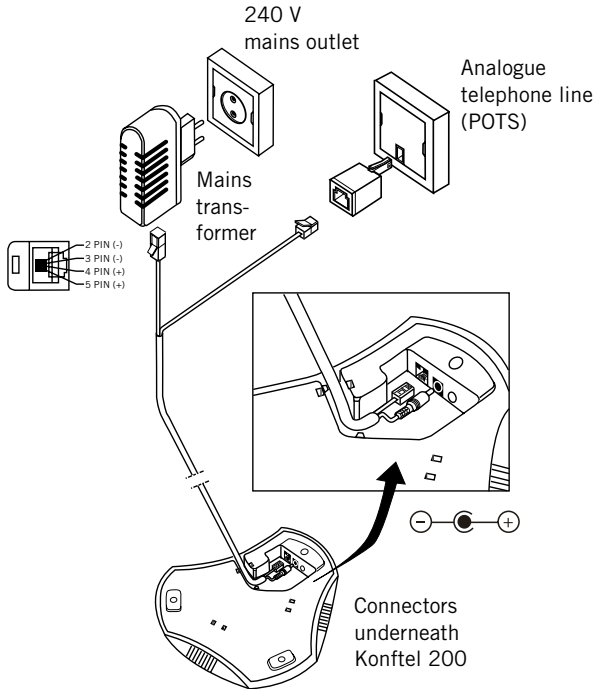
Use Konftel 200 for room size up to 30 m<sup>2</sup> (323 sq ft)



Use Konftel 200 with extra microphones for room size up to 70 m<sup>2</sup> (753 sq ft)



## Analogue line



Only a mains transformer of the FRIWO type FW7237/12 or the Perfekt 2042, 2043, Helms-Man DEN4824129, ML120P070G, ED4824120070P and DBN4824129 (UK) type may be connected.

## 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 meter display.



To end the call, press OK.

## Outgoing calls



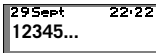
Press OK.



*0-9...*

Dial the number.

**or**



*0-9...*

To preview, first enter the phone number.



Press OK. The number is called within 3 sec.



The call duration is displayed in the call meter display.



To end the call, press OK.



## Three-party calls



29 Sept 22:22  
1234567

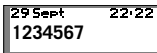
Enter the number of the first meeting participant.



Press OK. The number is called within 3 sec.



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



29 Sept 22:22  
1234567

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



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

## If your call is not answered



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


**Note:** The availability and function of the three-party feature can vary from country to country but also depend on the PBX to which the Konftel 200 is connected. If you want to connect multiple participants we recommend you use a telephone meeting service. If you have questions regarding availability, please contact your dealer.

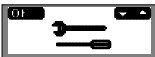

## If the R key does not work


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

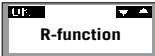

### Programming the R key (default setting = 2)


**English**



 Press Menu.

  Select Special Settings menu.


 Press OK.

  Choose R-function.

 Press OK.

  Enter the value for the R-pulse. The default setting is 2. Check in the table below whether the setting is right for your PBX/country.

| Value: | Time:  |
|--------|--------|
| R1     | 65 ms  |
| R2     | 100 ms |
| R3     | 150 ms |
| R4     | 270 ms |
| R5     | 600 ms |
| R6     | 80 ms  |

 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 dialled will appear first in the list.

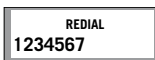


Press OK to dial the selected number. The number is displayed and dialled within 3 sec.



To end the call, press OK.

## Redial



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

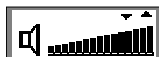


Press OK to dial the number. The number is dialled within 3 sec.



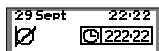
To end the call, press OK.

## Volume control



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

## Mute function













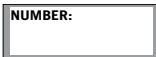
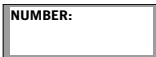

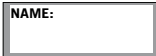
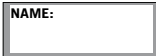

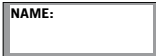

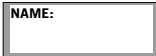

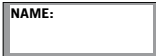

Press the Mute key to switch off the microphone. The mic indicators change to red. Press again to switch on the microphone. The mic indicators change back to green.

## Tuning



The sound is adjusted automatically for the room and the telephone line when Konftel 200 is switched on. 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 noise will be heard.

## Add new number in Phonebook

-   Press Menu.
-   Select Phonebook menu.
-   Press OK.
-   Select Add entry.
-   Press OK. The last number dialled will appear automatically.
-  **0-9...** Enter a telephone number with the keypad.
-   Press OK.
-  **A-Z...** Enter a name with 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.



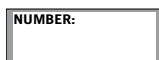
Press OK.



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

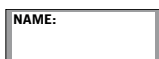


Press OK.



*0-9...*

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.








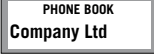







Press the C key to delete a number or letter.










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 Signal Volume

-  Press Menu.
-   Select the Ring Signal Volume menu.
-  Press OK.
-   Adjust the volume with the Up/Down key. The ring signal is switched off 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.
-    
 ...  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 dialling, 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                             |
| 149110    | Ceiling mount suspension with cables              |
| 900103342 | Tape recorder cable                               |
| 900103339 | Extension cable, power supply 10 m                |
| 900103340 | Extension cable, analogue network, 10 m           |
| 900103341 | Extension cable, power and analogue network 7.5 m |

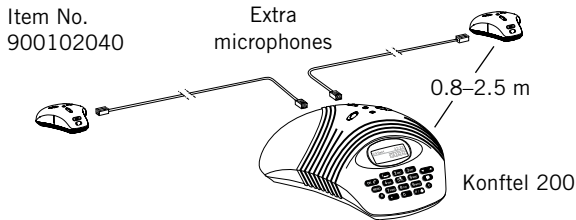
### Tele plugs

| Item No.  | Description   |
|-----------|---------------|
| 208102012 | Denmark       |
| 246102012 | Finland       |
| 250102012 | France        |
| 276102012 | Germany       |
| 826102012 | Great Britain |
| 528102012 | Netherlands   |
| 578102012 | Norway        |
| 724102012 | Spain         |
| 752102012 | Sweden        |
| 756102012 | Switzerland   |

### Spare parts

| Item No.  | Description   |
|-----------|---|
| 900103334 | Power supply and analogue POTS network cable, 7.5 m |
| 900102026 | Mains transformer 12 V DC, for Europe               |
| 826102026 | Mains transformer 12 V DC, for UK                   |

## Expansion microphones



For larger rooms, Konftel 200 can be supplemented quickly and simply with a pair expansion microphones. It is then able to provide coverage of up to 70 m<sup>2</sup>.

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

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

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

The extra microphones are supplied with two sets of cable, 1.5 m and 2.5 m. It may prove difficult to detach the cables when disconnecting the extra microphones, and this may be facilitated by the careful use of a screwdriver or ballpoint pen, for example.



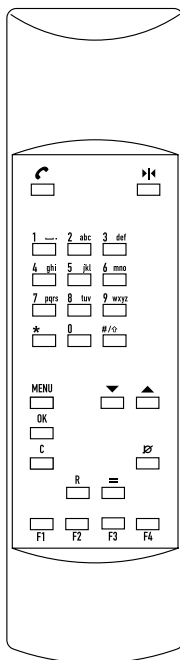
The speaker volume can also be adjusted from the extra microphones. Tuning can also be performed from the extra microphones. Press the Up/Down key at the same time. A brief noise will be heard.



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



Konftel 200 can be supplemented with a remote control. All functions can then be 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.   |
| <b>1</b>  |           |   |
|   | <b>9</b>  |   |
|    | –         | Enter the number or write the name. #/↵ shifts between capitals and small letters.  |
|   | <b>MENU</b>  |   |
|   |           | Enters and exits menu mode.   |
|   | <b>OK</b>  |   |
|   |           | OK in menus, lifts and replaces the "handset". Dials the speed dial number.   |
|   | <b>C</b>   |   |
|   |           | Deletes characters when dialling numbers or writing names. Exits from menus.  |
|   | <b>R</b>   |   |
|   |           | Used for operator services, e.g. for three-party calls.   |
| <b>F1</b>   |  |   |
|    | –  |   |
|   | <b>F4</b>  |   |
|   |           | When a speed dial number is saved in the Phonebook or edited, 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. <b>NOTE:</b> 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.  |
|   | <b>=</b>   |   |
|   |         | Calls the last number dialled 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 Konftel 200 is connected between an analogue 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 and see if the system works without them. If not, return all units for service.
5. If 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.



## Maintenance

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

## Central Unit

|                                 |   |
|---------------------------------|---|
| Mains transformer (Europe):     | DC transformer 240 V AC/12 V DC; 700 mA.  |
| Mains transformer (UK):         | DC transformer 100 – 240 V AC/12 V DC; 700 mA.  |
| Network interface:              | Analogue PBX or PSTN, RJ-11.  |
| Power supply and network cable: | 7.5 metre, RJ-11 (line), EIAJ Class IV (power).   |
| Recommended room conditions:    | Reverberation time: <0.5 sec.<br>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 SS-EN 60 950.  |
| Dimensions:                     | Diameter 232 mm.  |
| Weight:                         | 700 g.  |
| Temperature range:              | 5 – 40° C in operation.   |
| Humidity:                       | 20 % – 80 % non-condensing.   |
| EMC:                            | EN 50 081-1:1992<br>EN 55 024-1:1998<br>EN 60950  |
| Electrical safety:              | EN 60950.   |
| Telecom approval POTS:          | EUROPEAN TBR21.   |
| Keyboard:                       | 19 keys.  |
| Compatibility:                  | Konftel 200 can be connected to any PBX equipped with a POTS extension, for example Ericsson: MD110, Fenix. Siemens: Hicom. Nortel: Meridan. Philips: Sopho. Alcatel: 4200, 4400. Ascotel: Ascotel. |

## Extra microphones (accessories)

|                       |   |
|-----------------------|---|
| Power supply:         | Power from microphone outlet                  |
| Cabling:              | Modular 4/4 contacts 2 x 1.5 m and 2 x 2.5 m  |
| Microphone:           | Omnidirectional                               |
| Microphone indicator: | Green – microphone on<br>Red – microphone off |
| Temperature range:    | 5 – 40° C in operation                        |
| Keyboard:             | 3 keys  |

## Remote control (accessories)

|                    |                              |
|--------------------|------------------------------|
| Batteries:         | 4 x R03, 1.5 V               |
| Temperature range: | 5 – 40° C                    |
| Range:             | Up to 5 m                    |
| Dimensions:        | 205 x 55 x 21 mm (L x B x H) |
| Weight:            | 140 g                        |
| Keyboard:          | 26 keys                      |



**Konftel** is a leading company within speaker communication and audio technology. We develop and sell products and technology for telephone meetings 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 other products on **www.konftel.com**

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