KONFTEL

User guide
Conference phone Konftel 200

Deutsch I English I Français I Italiano

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

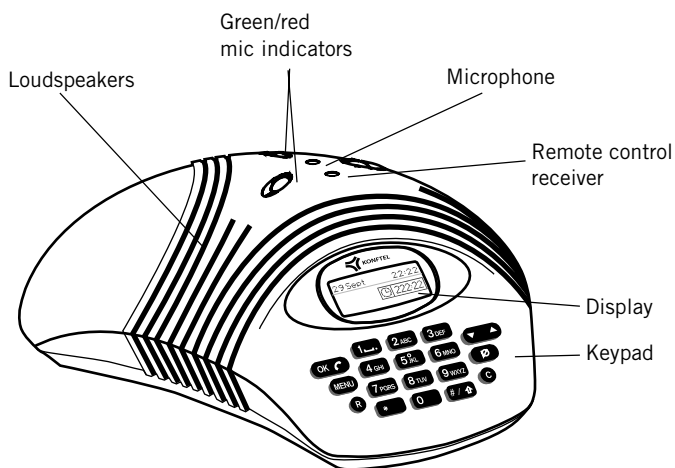**The optional equipment package includes the following items:**

1 pair   Extra microphones

2 pcs   Extra microphone cable 1.5 m (4.9 ft)

2 pcs   Extra microphone cable 2.5 m (8.2 ft)

1 pc   Remote control

4 pcs   Batteries for the remote control

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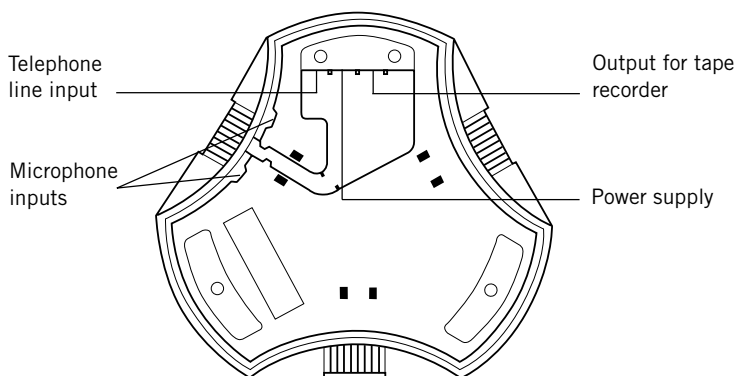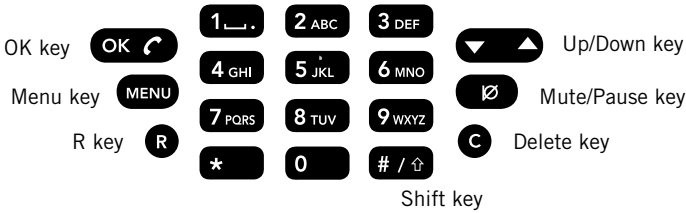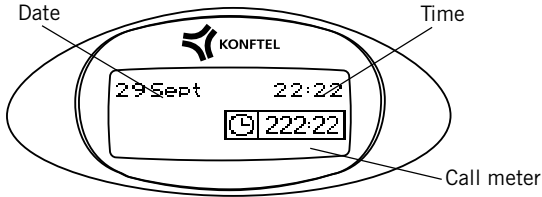**If any items are missing, please contact your dealer.**

Contents

English

Top

Green/red
mic indicators

Loudspeakers

Microphone

Remote control
receiver

Display

Keypad

Bottom

Telephone
line input

Output for tape
recorder

Microphone
inputs

Power supply

Date   Time

KONFTEL

29Sept   22:22

222:22

Call meter

English

OK key   **OK** | **1 ⎵ .** | **2 ABC** | **3 DEF** |

| **4 GHI** | **5 JKL** | **6 MNO** | ▼ ▲   Up/Down key

Menu key   **MENU** | **7 PQRS** | **8 TUV** | **9 WXYZ** | **Ø**   Mute/Pause key

R key   **R** | **∗** | **0** | **# / ⇧** | **C**   Delete key

Shift key

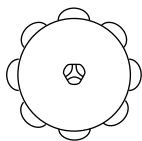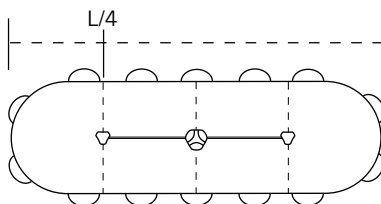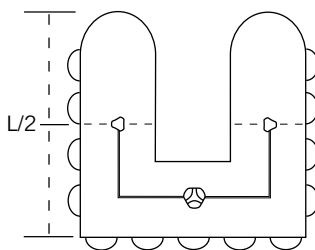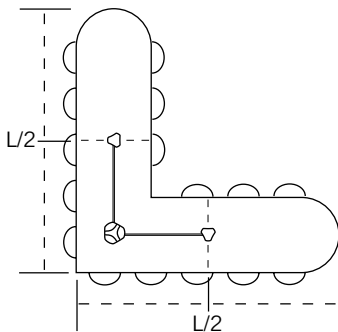| Key	Characters
1 ⎵ .	1, space, . (period)
2 ABC	2, A, B, C, Å, Ä, Á, À, a, b, c, å, ä, á, à
3 DEF	3, D, E, F, É, È, d, e, f, é, è
4 GHI	4, G, H, I, g, h, i
5 JKL	5, J, K, L, j, k, l
6 MNO	6, M, N, O, Ö, Ø, Ñ, m, n, o, ö, ø, ñ
7 PQRS	7, P, Q, R, S, p, q, r, s
8 TUV	8, T, U, V, Ü, Ú, t, u, v, ü, ú
9 WXYZ	9, W, X, Y, Z, w, x, y, z
0	0
∗	∗
#	#

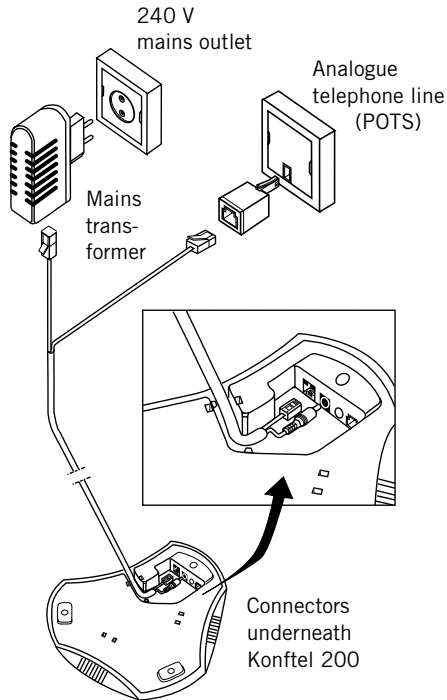# For optimum sound reproduction, position the units as shown in the illustrations

Use Konftel 200 for room size up to 30 m^2 (323 sq ft)
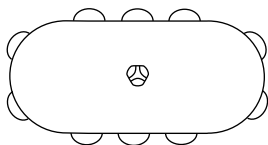
Use Konftel 200 with extra microphones for room size up to 70 m^2 (753 sq ft)

L/2

L/2

L/2

L/4

Analogue line

240 V
mains outlet

Analogue
telephone line
(POTS)

Mains
trans-
former

Connectors
underneath
Konftel 200

English

Only a mains transformer of
the FRIWO type FW7237/12 or
the Perfekt 2042 and 2043 type
may be connected.

Incoming calls

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

OK Press the OK key to answer.
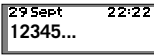
The call duration is displayed in the call meter display.

OK To end the call, press OK.

Outgoing calls

OK Press OK.

0-9... Dial the number.

or

0-9... To preview, first enter the phone number.
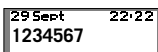
OK Press OK. The number is called within 3 sec.

The call duration is displayed in the call meter display.

OK To end the call, press OK.

English

Three-party calls

| 29 Sept   22:22 |
| 1234567 |
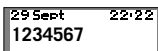
Enter the number of the first meeting participant.

OK ☎ Press OK. The number is called within 3 sec.

R 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.

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

If your call is not answered

R **1 ⌴.** 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.

English

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)

MENU   Press Menu.

Select Special Settings menu.

OK   Press OK.

R-function   Choose R-function.

OK   Press OK.

R2   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:	PBX/country:
R1	65 ms	Ericsson MD110
R2	100 ms	Scandinavia, Europe
R3	150 ms	Reserved
R4	270 ms	Germany, France, Israel
R5	600 ms	USA

OK   Press the OK key to save the settings and exit.

Retrieve speed dial numbers

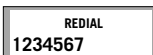|		
PHONE BOOK **A. SMITH**	▼ ▲	Press the Up/Down key to scroll/view the Phonebook in alphabetical order. The last number dialled will appear first in the list.
	OK	Press OK to dial the selected number. The number is displayed and dialled within 3 sec.
	OK	To end the call, press OK.

Redial

REDIAL **1234567**	▼ ▲	Press the Up key. The last number dialled will appear in the display.
	OK	Press OK to dial the number. The number is dialled within 3 sec.
	OK	To end the call, press OK.

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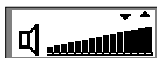
Adjust the speaker volume with the Up/Down key during the call.

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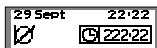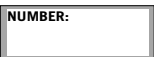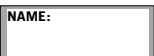
Press the Mute key to switch off the microphone. The mic indicators change to red. Press again to switch on the microphone. The mic indicators change back to green.

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

	MENU	Press Menu.
OK [icon] ▼ ▲	**▼** **▲**	Select Phonebook menu.
	OK ✆	Press OK.
OK ▼ ▲ Add entry	**▼** **▲**	Select Add entry.
	OK ✆	Press OK. The last number dialled will appear automatically.
NUMBER:	*0-9...*	Enter a telephone number with the keypad.
	OK ✆	Press OK.
NAME:	*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.)
	OK ✆	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.
	C	Press the C key to delete a number or letter.
	MENU	Press the Menu key to cancel.

Edit Phonebook

MENU   Press Menu.

Select Phonebook menu.

OK   Press OK.

Edit   Select Edit.
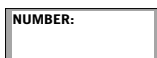
OK   Press OK.

PHONE BOOK
Company Ltd   Select the name you want to edit from the list using the Up/Down key.
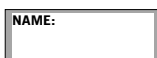
OK   Press OK.

NUMBER: *0-9...*   Edit the number with the keypad and press OK.
OK

NAME: *A-Z...*   Edit the name with the keypad and press OK.
OK

The number/name is now stored.

C   Press the C key to delete a number or letter.

MENU   Press the Menu key to cancel.

Delete Name and Number

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

Adjust the Ring Signal Volume

	MENU	Press Menu.
OK 🔔	▼ ▲	Select the Ring Signal Volume menu.
	OK	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.
	OK	Press OK. The Ring Signal Volume is now stored.

English

Change Time and Date

	MENU	Press Menu.
	▼ ▲	Select Time and Date menu.
	OK	Press OK.
	▼ ▲	Adjust Time and Date with the Up/Down key.
	▼ ▲ **OK**	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.
	C	Go back with C key

Select Language

	MENU	Press Menu.
	▼ ▲	Select Language menu.
	OK	Press OK.
	▼ ▲	Select language with the Up/Down key.
	OK	Press OK.

...

Keypad Tone (default on)

	MENU	Press Menu.
	▼ ▲	Select Special Settings menu.
	OK	Press OK.
Keypad tone	▼ ▲	Select Keypad tone.
	OK	Press OK.
On / **Off**	▼ ▲	Select Keypad tone On/Off using the Up/Down key.
	OK	Press OK.

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

English

Accessories and spare parts

Item No.	Description
900102040	Extra 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

English

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

Extra microphones

Item No.
900102040

Extra
microphones

0.8–2.5 m

Konftel 200

English
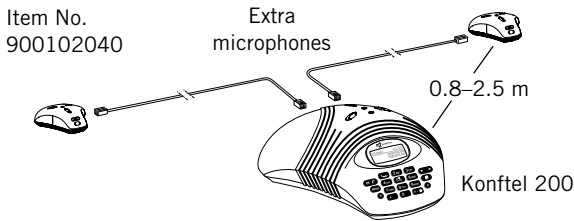
For larger rooms, Konftel 200 can be supplemented quickly and simply with two extra microphones. It is then able to provide coverage of up to 70 m^2.

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

The extra 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
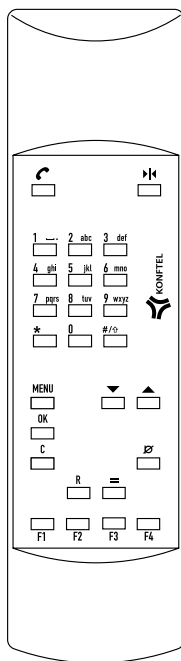
Konftel 200 can be supplemented with a remote control. All functions can then be operated from your position, regardless of where you are standing or sitting.

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.

1▁. – 9 WXYZ

Enter the number or write the name. #/⌂ shifts between capitals 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 dialling numbers or writing names. Exits from menus.

R

Used for operator services, e.g. for three-party calls.

F1 – F4

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. **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.

Ø

Mute function. Switches the microphones on and off. Inserts a pause in speed dial numbers.

=

Calls the last number dialled regardless of the menu mode.

English

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 extra 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. 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 EN 55 024-1:1998 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. Ascom: Ascotel.

English

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 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

English

Konftel Technology was one of the first companies in the world to develop advanced conference phones with Full Duplex-technology. Today we are the world leaders in loudspeaking communications and we also develop the technology for implementation in both our own and other companies' hands-free products. Read more about Konftel Technology, the intelligent sound technology, and our other products on **www.konfteltech.com**