KONFTEL

User guide
Conference unit Konftel 50

Deutsch I English I Español I Français I Italiano I Svenska

ENGLISH
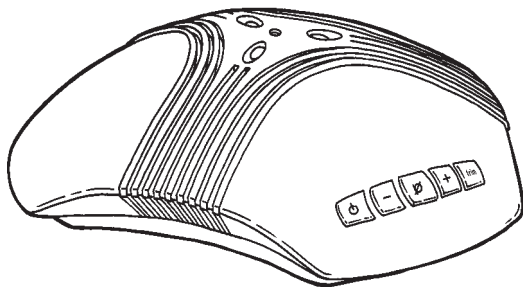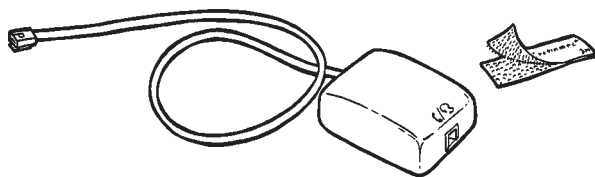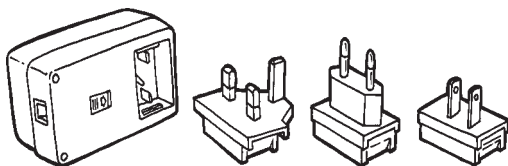
Konftel 50
Item nr 910101040
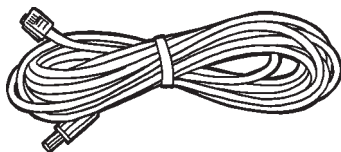
Switchbox incl cable 0.5 m
Item nr 900101042

Transformer
Item nr 900102056 (Universal)
or 90102026 (Europe)
826102026 (GB)
900102048 (AUS)

Connection cable power, 6 m
Item nr 900103355
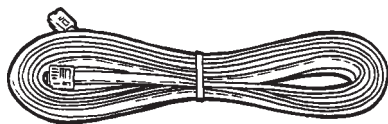
Connection cable tele, 3 m
Item nr 900103316
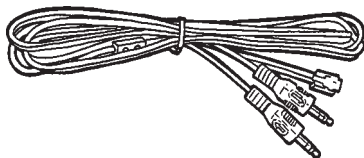
Connection cable PC, 1,5 m
Art nr 900103318

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Only mains transformer of Helms-Man DEN4824129 or DBN4824129 (UK) may be connected.

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6 m   3 m

1

2

Microphone

LEDs

Loudspeakers

Mute button

On/off button

+ button

- button

Trim button

3

IMPORTANT
The microphone volume is to be adjusted when installing. See next page.

Lift the handset, make a call and put the handset to one side.

Switch to loudspeaker by turning on your Konftel 50.

Volume setting for loudspeakers
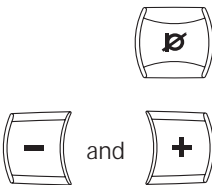Set the volume in the loudspeakers with the help of the - and + buttons. Note that the system telephone volume control affects the volume in the Konftel 50 loudspeakers.

Volume setting for microphone
Keep the mute button pressed in for about 3 seconds until the LEDs start flashing and you hear an uninterrupted tone.
Press – or + to adjust the microphone volume.

Speak with a normal calling voice and the receiving party can then ask you to increase or decrease the volume. Change the volume one stage at a time.

Press the mute button when you have finished setting the volume.

The volume setting is saved in the event of power failure.

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Dialling
Lift the handset, make a call and put it to one side.

Switch to loudspeaker by turning on your Konftel 50.
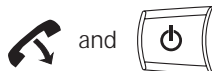
Finish the call by putting down the handset and turning off Konftel 50.
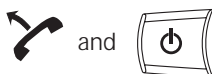
Answer call
Answer in your normal telephone when it rings, and switch to loudspeaker mode by turning on your Konftel 50. Put the handset to one side.

Out of courtesy, inform the receiving party that the call is now on loudspeaker.

Switch between handset and loudspeaker
You can change back to using the handset at any time during the call by turning off your Konftel 50.

Mute function
Switch off the microphone, the LEDs change from green to red. The receiving party can now not hear what you are saying. Switch on the microphone by pressing the button again.

Automatic trimming
Konftel 50 is automatically trimmed to eliminate echoes when it is turned on. It also senses changes in your room and continually adapts itself during the course of the call.

Manual trimming
Konftel 50 can be manually trimmed at any time to eliminate any echoes. Press the trim button. You hear a short noise.

PC/Soundcard

230 V power socket

Mains transformer

Pink

MIC-IN

LINE-OUT

Green

Connection cable pc/video

Konftel 50

Only mains transformer of Helms-Man DEN4824129 or DBN4824129 (UK) may be connected.

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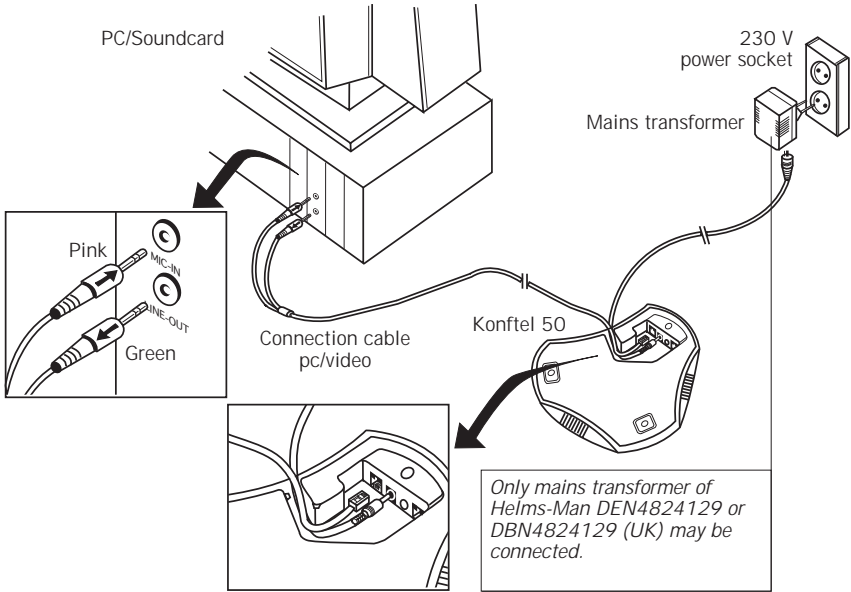
Connection to PC

Konftel 50 is connected to a sound card on a PC or Macintosh as shown in the figure.

Note: To obtain full duplex speech, you must have an appropriate sound card.

Connect in the following order:

1. Connect Konftel 50 to the sound card with the accompanying Y cable.
   If the sound card does not have a Mic input, the Line input is used instead.
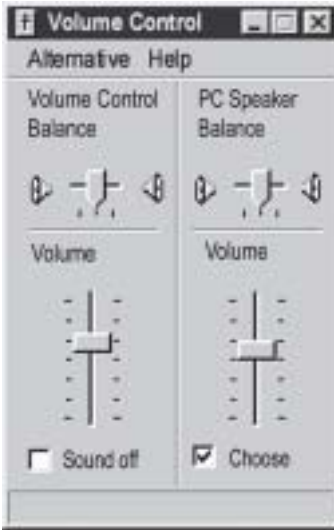
LINE OUT .... OUT .... GREEN ARROW
LINE IN .... IN .... BLUE ARROW
MIC IN .... IN .... PINK ARROW

2. Connect Konftel 50 to the transformer. Connect the transformer to the power socket.

Volume setting loudspeakers
Konftel 50 has a default setting that is advisable to follow when setting the volume in the Microsoft Volume Control in the PC.
Select Volume control from the Start menu:
Start>Programs>Accessories>
Multimedia>Volume control.

Volume setting for loudspeakers
Select Options>Properties>Play.

Adjust the volume for Line-out (or PC-Speaker).

The volume can be adjusted via Konftel 50 whenever necessary.
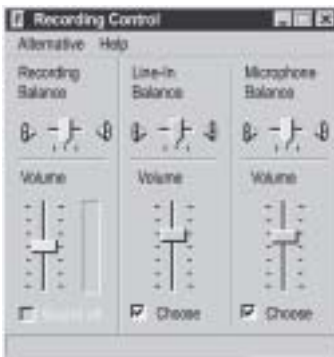
Volume setting for microphone
Select Options>Properties>Record.

Adjust the volume for MIC-in (or Line-in).

The microphone volume can be adjusted via Konftel 50 whenever necessary.
See section: Volume setting telephone.

A description of how calls are made via a PC follows below.
Note that there may be variations between different software and computers.

Dialling with PC
Turn on Konftel 50 for loudspeaker function.

Call with the PC.

The call is completed by interrupting the dialling with the PC and turning off Konftel 50.

Incoming call
Turn on Konftel 50 for loudspeaker function.

Answer with the PC.

The call is completed by interrupting the call with the PC and turning off Konftel 50.

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Some of the problems that may arise when using Konftel 50 are described below.

Calls are audible through the telephone headset but not through Konftel 50
1. Is Konftel 50 properly connected? See the page on connecting telephone.
2. Are the LEDs red? If so the mute button is activated. Press in to deactivate.
3. Are the LEDs green? Check the selector switch position on the bottom of the switchbox. The Selector switch position can be set to I or II depending on the system telephone you connect your Konftel 50 to.

Manufacturer	PBX type	Selector switch position
ERICSSON	MD110	I
	FENIX	I
NORTEL	MERIDIAN 1	I
	COSMOS	I
PHILIPS	SOPHO	II
	ERGOLINE	I
ALCATEL	4200	I
	4400	I
SIEMENS	HIPATH	I
	HICOM	I
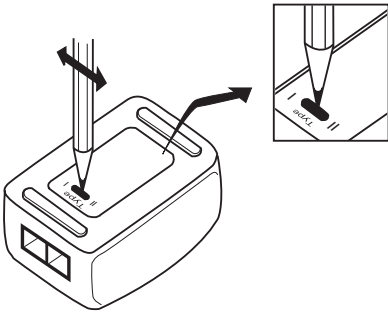
For other switch types, first select position I and then position II.

4. Have you added extension cables to the system?
   Remove them and reconnect to see if the system is working.

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Poor sound quality, echo

1. Check the position. The unit is designed to stand flat on the table. Avoid moving it around during call. Neither should it be placed too close to a wall or under objects such as lamp shades or leaves from potted plants.
2. Trim Konftel 50 manually. See the page on manual trimming.
3. Is the volume setting correctly set? See page on volume setting for microphone.
4. Does the receiving party have a conference unit, sound card or software which cannot handle full duplex?
5. When the unit is connected to a PC, radio frequency interference may cause discernible sound. The sound will end when the interference stops.

Can I connect a headset?

Instead of a handset you can connect a headset to the switchbox. You may now switch between making a call via the headset or Konftel 50 via the On/off button. *Note that the headset must be adapted to suit your telephone system.*

Calls are audible through the PC headset but not through Konftel 50.

Check that the software and sound card can handle full duplex.

Maintenance

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

Accessories

Art no	Designation
9142008	Extension cable tele, 10 m.
9146032	Extension cable power, 10 m.
9146030	Wall bracket.
900102058	Connection to PC, USB adapter (2003).

GSM/DECT connection cables, see www.konftel.com, Accessories Konftel 50.

Central unit

Power supply:	Transformer 12 V DC/230 V AC, 700 mA
Input:	Analogue line in/out, modular 6/6.
	Rec (loudspeakers) -10 dBV (adjustable).
	Send (microphone) -30 dBV (adjustable).
Loudspeaker volume:	Adjustable in 15 stages.
Microphone volume:	Adjustable in 5 stages for optimal effect.
Room echo damping:	208 ms.
Line echo damping:	38 ms.
Environment:	Adapted for room <30 m^2.
	Reverberation time in room <500 ms.
	Background sound <45 dBA.
Operating temperature	5 – 40° C.
Dimensions:	Diameter 232 mm.
Weight:	700 grams.

Switchbox

Input telephone handset:	Modular 4/4.
Input Konftel 50:	Cable, Modular 6/6.
Output telephone:	Cable, Modular 4/4. Contact for connection of the switchbox to the system telephone may only be connected to SELV voltage in accordance with SS-EN60950.
Compatibility:	Can be connected to digital system telephones in the following switches:

Ericsson	MD110, Fenix.
Nortel	Meridian 1, Cosmos.
Philips	Sopho, Ergoline.
Alcatel	4200, 4400.
Siemens	HiPath, Hicom.
Avaya	Definity
Other makes	Contact your distributor.

Cabling PC

Y cable:	1 x Modular 6/4, 2 x Tele 3.5 mm. Contact for connection of Konftel 50 to a PC may only be connected to SELV voltage in accordance with SS-EN60950.

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Konftel Technology is a leading company within loudspeaker 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 ñ OmniSoundTM ñ providing crystal clear sound. Learn more about Konftel Technology and our other products on **www.konftel.com**