

LA-40

Order no.: 0172330

PRODUCT INFORMATION

Active loop amplifier,
with dynamic compressor, specifically for setting up an audio induction loop system in domestic locations (up to 40 m^2).
The loop amplifier LA-40 transmits the audio signals from a TV, audio system and/or microphone to the induction loop which is laid on the floor, the wall or along the ceiling. Thus, a magnetic field is created within the loop which is received by the T-coil of the hearing aid or the induction loop receiver and is then converted again into an audio signal.
Wireless transmission is an advantage of audio induction loop systems. It makes it possible for the user to move freely within the loop and to adjust the volume of the hearing aid or receiving unit (LR-200) as desired, without disturbing the other occupants.
The LA-40 can be connected directly to the SCART jack of a TV (via supplied SCART adapter) or to an audio system. Talks of the other occupants can be heard via the connection of a microphone which is available at option.
The integrated signal generator of the LA-40 allows to create an alarm signal via an optional switch.

- Supplied with 35 m loop wire for setting up an induction loop, SCART adapter, power supply
- Integrated alarm signal can be activated as required
- Dynamic compressor
- Adjustable input sensitivity for line and microphone
- 2-way tone control
- Adjustable loop current
- LEDs for indicating power, signal/PEAK and loop current

- Headphone connection on the front panel
- Built-in phantom power for electret microphones
- Suitable microphone ECM-300LA is available at option

Manufacturer information:
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Warning and Safety Instructions
The device is supplied with dangerous mains voltage. Leave servicing to skilled personnel only and do not insert anything into the air vents. Risk of electric shock!
Do not use this device and disconnect it immediately from the power supply if the device or the power supply cable is visibly damaged, if a defect might have occurred after the device was dropped or suffered a similar accident, if malfunctions occur. Any repairs must be carried out by specialists.
The product is suitable for indoor use only. Protect it against dripping water, splash water and high air humidity (admissible ambient temperature range is 0 - 40 °C).
Never pull the mains cable to disconnect the mains plug from the socket, always seize the plug.
The heat generated in the device must be dissipated by air circulation. Never cover the air vents of the housing.
If the device is to be put out of operation definitely, dispose of the product in accordance with local regulations.

SPECIFICATIONS

LA-40	
Loop current	2.8 A
Loop resistance	0.4-2 Ω
Room size	≤ 40 m^2
Inputs	mic: 2 mV/660 Ω (phantom power: 7.2 V) 6.3 mm jack line: 48 mV/11 kΩ, 2 x RCA alarm: 2 terminals for connecting a switch
Outputs	loop: connection of the supplied loopvia 2 terminalsheadphones: ≥ 32 Ω, 3.5 mm jack
Equalizer bass	± 8 dB, 100 Hz
Equalizer treble	± 10 dB, 10 kHz
Frequency range	75-7,500 Hz, ±3 dB
THD	0.44%

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Admiss. ambient temp.	0-40 °C
Power supply	via encl. power supply
Dimensions	175 x 102 x 45 mm
Weight	510 g

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EAN code	4007754199611
Net weight	1.702 kg