

LA-40 - Loop Amplifier



Active loop amplifier, with dynamic compressor, specifically for setting up an inductive sound reproduction system in domestic locations (up to 40 m²).

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 inductive receiver and is then converted again into an audio signal.

Wireless transmission is an advantage of inductive sound reproduction 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

Tekniske data

Loop current	: 2.8 A
Loop resistance	: 0.4-2 Ohm
Room size	: ? 40 m ²
Inputs	: mic: 2 mV/660 Ohm (phantom power: 7.2 V) 6.3 mm jack line: 48 mV/11 kOhm, 2 x RCA alarm: 2 terminals for connecting a switch
Outputs	: loop: connection of the supplied loop via 2 terminals headphones: ? 32 Ohm, 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%
Admiss. ambient temp.	: 0-40 °C
Power supply	: via encl. power supply
Dimensions	: 175 x 102 x 45 mm
Weight	: 510 g