

LA-402

Order no.: 0179160

PRODUCT INFORMATION

Active loop amplifier,
with dynamic compressor for setting up an audio induction loop system in large rooms up to 750 m^2.
Inductive transmission of audio signals allows users of hearing aids with a T-coil or induction loop receivers, e.g. the LR-202, to receive audio signals. Wireless transmission is an advantage of audio induction loop systems which makes it possible for the user to move freely within the loop. Audio induction loop systems are used for various applications, e.g. as a hearing aid for the hearing impaired in houses of worship, theatres, cinemas, waiting rooms and lounges, as interpreting systems, for lectures in museums, exhibitions, etc.
With audio induction loop systems, an induction loop made of a wire winding is laid on the floor, the wall or along the ceiling and is controlled by a constant current amplifier. Thus, a magnetic field is created within the loop which induces a voltage into the T-coil of the hearing aid or into the induction loop receiver. In the receivers, this voltage is then converted again into an audio signal.

- Dynamic compressor
- Automatic talkover
- Metal loss correction 0-3 dB/oct.
- 3 mic/line inputs with 40 V phantom power, to be switched on additionally
- 6.3 mm input for inserting external devices
- Integrated SD card reader for reproduction of stored alarm messages
- 2-way tone control
- LED level meter
- 482 mm (19") rack installation with supplied mounting brackets

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-402	
Loop current	14 A (peak)
Loop resistance	0.2-2 Ω
Room size	up to 750 m2
Inputs	mic 1.5 mV/6.8 kΩ, XLR, bal. switchable to line 630 mV/10 kΩ, XLR, bal. line 630 mV/4.7 kΩ, RCA, unbal. alarm: 2 screw contacts for connecting a switch
Outputs	loop: 2 screw contacts
Equalizer bass	±10 dB, 100 Hz
Equalizer treble	±10 dB, 10 kHz
Frequency range	50-8,000 Hz
THD	< 1%
Admiss. ambient temp.	0-40 °C
Power supply	˜ 230 V/50 Hz/230 VA
Dimensions	482 x 88 x 280 mm, 2 RU
Weight	6.97 kg

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EAN code	4007754270495
Net weight	6.97 kg