

XL-50 Loop/Headphone Amplifier

Amplifier for small room loops or headphones.



- AGC (Automatic Gain Control)
- Microphone input
- Output for loop/headphone
- 2-band equalizer for optimum intelligibility
- “LOOP” LED indicator, function control
- “POWER” LED indicator, mains
- All adjustment available from outside
- PLUG-IN connector



XL-50 is an combined loop- or headphone amplifier. As a loop amplifier it makes it easy for hearing aid users having a noise free listening to speech and music from radio or TV. To catch what is said is very important to be able participating in discussions etc. The solution is XL-50. The amplifier can be connected with a mini microphone (optional), for flexible installation. XL-50 is further more

provided with an LINE input. This input can be connected to a SCART connector or any other audio output.

The output is automatically adjusted for loop or headphones.

There is also an input designed for external signals, e.g. door bell, to give a high tone indication in the hearing aid.

TECHNICAL DATA

Power supply:	230V/50Hz	SIGNAL INPUT	
Coverage area approx.:	50m ²	IND:	short circuit
AUDIO INPUTS		Tone indication:	1100Hz
MIC:	3,5mV–5V/12k Ω	“Loop” LED	Indicator for correct function
LINE:	6mV–10V/33k Ω	“Power” LED	Indicator for mains
AUDIO OUTPUTS			Automatic LOOP/PHONES-function
LOOP, current:	3,5A RMS/1 Ω (125 ms)*	Dimensions:	162x77x37mm (WxDxH)
PHONES:	3,5 mm for headphones	Weight:	0,715 Kg
EQUALIZER:		Optional:	Microphone (mini)
BASS:	\pm 9 dB / 100Hz		
TREBLE:	\pm 9 dB / 10kHz		
Frequency response:	100 – 5000Hz (\pm 3dB), (EQ in mid position)		
S/N ratio :	>65dB		
AGC range:	>60dB		

Approved according to the SEMKO Nordic test specifications.

* Measurements are carried out in accordance with Nordic Test Method. Due to active time dependent signal processing, the loop amplifier cannot be measured during continuous operation.

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