

MAGNETIC LOOP AMPLIFIER

LTS.AMPLOOPN



The AMPLOOPN is designed to activate an induction loop installed on the floor or in the ceiling. It can cover an area of 700m². The loop amplifier can be connected to a mixing console output or to a microphone.

It can run high-quality announcements or music, glossing over background noise. Professional magnetic loop amplifier generates an inductive signal that can be received by a hearing aid telecoil or a magnetic loop receiver (stethoscopic headset type)

AMPLOOPN technology enables loop receiver users or users of hearing aids, with the function T, to receive the signal from the loop.

Specifications

Max output current	10A
Rated current outputs	6A
Input sensitivity & impedance	Input MIC/LINE : $\pm 2.5\text{mV} / 600\Omega$, Balanced XLR input Input 1-3 (LINE) : $775\text{mV} / 10\text{k}\Omega$, Balanced XLR input
Output sensitivity & impedance	1V / 470Ω , balanced XLR output
Tone control	Bass : $\pm 10\text{dB} @ 100\text{Hz}$ / Treble : $\pm 10\text{dB} @ 10\text{kHz}$
Frequency response	50 Hz ~ 10 kHz ($\pm 3\text{ dB}$)
S/N ratio	66 dB
THD	$< 0.1\% @ 1\text{kHz}$, 1/3 rated power
Muting function	Input 1 overrides other input signals with 0 - 30 dB attenuation
Master input	Connector 1/4" TS jack
Crosstalk	50 dB
100V input	Transformer balanced. Impedance $> 100\text{k}\Omega$
Slave output	1V / 470Ω , unbalanced connector 1/4" TS jack
Phantom power	+48V
Cooling	Fan automatically starts up when temp reaches 55°C
Protection	High temp, overload & short-circuit
Power supply	$\sim 110\text{V} / 60\text{ Hz}$ or $\sim 230\text{V} / 50\text{ Hz}$
Power consumption	500W
Dimensions	(19" x 2U) 483 x 303 x 89 mm
Weight	10.30 kg