

LD 1.2

The new LD 1.2 in the Opus Technologies range are a French made and next-generation low-loss magnetic loop amplifiers. This device incorporates two LD 1.0 amplifiers and an OP-R mounting kit.

It can equip adjoining rooms (amphitheater, courtroom, etc) with two magnetic loops installed hairpin. This type of installation makes it possible to limit the external radiation of the magnetic field, to guarantee uniformity of coverage and to provide a power which makes it possible to limit the distortions due to the presence of metal.

- Class D amplifier
- The most compact on the market.
- Efficiency up to 92%
- Fanless convection making
- High output voltage up to 48Vpk
- Automatic gain control.
- Wall mounting available.
- Warranty 5 years.
- Correction settings due to metal losses.
- Monitoring and detection of power supply, amplifier and loop faults with NO-NC relay.



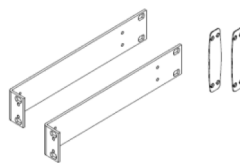
Accessories

RC50/100/150



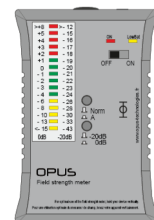
Copper tape specially designed for induction loops.

OP-R



Complete racking kit for attaching 1 or 2 amplifiers from the OPUS LD range.

OP-FSM



Tester and magnetic field meter in accordance with the IEC 60118-4 specification

	LD1.2
Max coverage: single loop	600 m ² (15 x 40 m ²)
Max coverage: multiloop	300 m ² (10x30 m ²)
INPUT	
Audio inputs	3 inputs: x2 Ligne/microphone - x1 100V
Type	Phoenix and/or Combo Neutrik
Power supply	12V 2mA
Sensitivity	-50dB micro, +40dB 100V, -10dB ligne
Slave input	--
Priority	100V input
POWER SUPPLY	
Type	Integrated
Voltage	230V (optionnal 120V) 50/60 Hz
Power	300VA
Consumption	6W
AUDIO CHARACTERISTICS	
Metal loss	0 to 3 dB by octave
Automatic Gain Control	AGC optimized for speech Dynamic > 36 dB
Bandwidth	80Hz to 9.5kHz
Phase change	X
Output	
Loop impedance	0.5 Ω to 3 Ω
Output voltage	35V rms (50V pK)
Peak current	8A pK
RMS current	5A rms
ADDITIONAL FUNCTIONS	
Defaults	LED display "protect"
Verification (lack of synthesis)	DC current too high - open loop - thermal protection
Relay	NO / NC fault relay
DIMENSIONS (MM)	
HxLxD	42 x 200 x 215 mm
Weight	1,2 Kg