



LDX.2

LD1.2 / LD2.2 / LD3.2

The new LD1.2, LD2.2 and LD3.2 are a new generation of Class D loop amplifier with double output, designed for medium to large sized facilities and venues.

Interconnected together thanks to an integrated phased shifter as well as master/slave, input/output, the LDX.2 amplifiers can cover extra-large areas such as stadium, congress center or warehouse.



Product references

LD1.2	Coverage area up to 600m ²
LD2.2	Coverage area up to 1200m ²
LD3.2	Coverage area up to 2000m ²

Specifications

	LD1.2	LD2.2	LD3.2
Max coverage : single loop	600m ²	1200m ²	2000m ²
Max coverage : multiloop	300m ²	525m ²	1000m ²
Operating temperature	0 to +45°C	0 to +45°	0 to +45°
Storage temperature	-30 to +70°C	-30 to +70°C	-30 to +70°C

INPUT

Audio inputs	3 inputs : x2 line/mic, x1 100V	3 inputs : x2 line/mic, x1 100V	3 inputs : x2 line/mic, x1 100V
Type	Phoenix and/or Combo Neutrik	Phoenix and/or Combo Neutrik	Phoenix and/or Combo Neutrik
Phantom supply	12V 2mA	12V 2mA	12V 2mA
Sensitivity	-50dB microphone, +40dB 100V, -10dB line	-50dB microphone, +40dB 100V, -10dB line	-50dB microphone, +40dB 100V, -10dB line
Slave entry	Jack 6.35mm	Jack 6.35mm	Jack 6.35mm
Priority	100V input, INPUT 1	100V input, INPUT 1	100V input, INPUT 1

	LD1.0	LD2.0	LD3.0
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POWER SUPPLY

Type	Integrated	Integrated	Integrated
Voltage	115/230v (automatic) 50/60Hz	115/230v (automatic) 50/60Hz	115/230v (automatic) 50/60Hz
Nominal power consumption at 1 Ohm	50 W	100 W	180 W
Maximum input power	< 500VA	< 600VA	<700VA
Consumption at rest on connected loop	14W at 230V AC, 2 loops of 1 Ohm connected, at ambient temperature after 30min of stabilization		

AUDIO CHARACTERISTICS

THD	< 0,5% @ 10hm / 1kHz / nominal current	< 0,5% @ 10hm / 1kHz / nominal current	< 0,5% @ 10hm / 1kHz / nominal current
Metal loss correction	0 to 3dB per octave	0 to 3dB per octave	0 to 3dB per octave
Automatic Gain Control	AGC optimized for speech Dynamic > 36 dB	AGC optimized for speech Dynamic > 36 dB	AGC optimized for speech Dynamic > 36 dB
Bandwidth	80Hz to 9,5kHz	80Hz to 9,5kHz	80Hz to 9,5kHz
Phase shift	Included	Included	Included

OUTPUT

Loop impedance	0,5Ω to 3Ω	0,5Ω to 3Ω	0,5Ω to 3Ω
Output voltage	34V rms (48 pK)	34V rms (48 pK)	34V rms (48 pK)
Peak current	2 x 8A pK	2 x 11A pK	2 x 15A pK
RMS current (at 1kHz)	2 x 5A rms	2 x 7A rms	2 x 10A rms

ADDITIONAL FUNCTIONS

Led displays	"Power", "Protect 1", "Protect 2", "Loop"		
Verification	Open loop Thermal protection	Open loop Thermal protection	Open loop Thermal protection
Relay	NO/NC fault relay 0,5A/125Vac, 1A/24VDC	NO/NC fault relay 0,5A/125Vac, 1A/24VDC	NO/NC fault relay 0,5A/125Vac, 1A/24VDC

Dimensions (MM)

H x L x D	42 x 200 x 215 mm	42 x 200 x 215 mm	42 x 200 x 215 mm
Weight	1.56 Kg	1.56 Kg	1.56 Kg

5 years warranty

IEC60118-4 Standard

ACCESSORIES

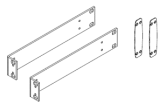
RC

Copper tape with 1 conductor designed for induction loops



OP-R

Copper tape with 1 conductor designed for induction loops



C10-LC

Terminal block for RC copper foil. Set of 10 units.



OP-FSM-02

Tester and magnetic field meter. Supplied with and OP-778 headset



Opus Smartloop

Loop simulation software

