

# LX-SERIE PA-ENDVERSTÄRKER



## Automatic clip limiter:

Adjusts the final amplification level to the amplitude of the input signal. This prevents „saturation“ distortion during high-power usage.

## Crossover 75Hz 1200Hz:

Independent for each signal allowing fluent regulation of frequency division.

Easy configuration of bi-amp systems.

## Multi-level protection system:

Thermal and overload protection. Temperatures over 100°C or exit current overload will trigger automatic power cut-off.

Automatic return-protection in case of RF output.

Automatic power-down of the amplifier in case of short circuit.

## Cooling extractor fans:

Two stage cooling systems. Fan extraction rate set at low level when radiator element is below 60°C, and high rate above this temperature.

## Automatic silent power switching:

Prevents dangerous signals being delivered to the speaker during turn-on and turn-off. The integrated system turns itself on and off electronically and silently to protect the amplifier and speakers.

## Output power:

Varies according to model, connection and configuration from 150 W to 1600 W.

## Constant operation with 2 ohm load:

LX-1100 and LX-1400 models allow amplification of speaker sets with a combined impedance of 2 ohms.

## Double input sockets, XLR and jack types.

## Crossover outputs sockets:

Allows the control of additional amplifiers with complementary signals.

## Reliable speakon safety output sockets.

## Toroidal transformer:

Minimises main-hum allowing for silent operation of high-voltage circuitry.

## Mosfet transistors:

High quality mosfet transistors are used to produce distinctive bass and treble sounds.

## Anti-dust filters:

Minimizes the risk of dust and dirt from entering the apparatus.

MODEL		LX-500	LX-800	LX-1100	LX-1400
OPERATING FREQUENCY		10 Hz - 60 kHz	10 Hz - 60 kHz	10 Hz - 60 kHz	10 Hz - 60 kHz
OUTPUT POWER	2 x 8 ohm 2 x 4 ohm 2 x 2 ohm	2 x 150 W 2 x 250 W -----	2 x 250 W 2 x 400 W -----	2 x 330 W 2 x 550 W 2 x 650 W	2 x 375 W 2 x 700 W 2 x 800 W
MONO-BRIDGE	4 ohm / 8 ohm	---- / 1 x 500 W	---- / 1 x 800 W	1 x 1300 W / 1 x 1100 W	1 x 1600 W / 1 x 1400 W
DISTORTION THD & DYNAMICS		<0.1% / >100 dB	<0.1% / >100 dB	<0.1% / >100 dB	<0.1% / >100 dB
DAMPING FACTOR 400 Hz / 8 ohm		> 300	> 300	> 350	> 400
SLEW RATE		35V	35V	35V	35V
INPUT SENSITIVITY		0 dB / 10 kohm	0 dB / 10 kohm	0 dB / 10 kohm	0 dB / 10 kohm
DIMENSIONS (W x H x D)		483 x 88 x 420 mm (2U)	483 x 88 x 420 mm (2U)	483 x 88 x 420 mm (2U)	483 x 132 x 420 mm (3U)
NET WEIGHT		13.6 kg	15.0 kg	18.0 kg	23.0 kg