

# PA POWER AMPLIFIER

**CLASS D**

LDXS200, LDXS400, LDXS700



With the largest model measuring just 1U and weighting just 3.4, the LD Systems XS power amplifiers are absolute flyweights. Our Class D power amplifier technology makes it possible to pack high performance into a minimum of space without generating unnecessary loss energy. The power amplifiers have outputs of 100W to 350W per channel at 4 ohms and 200w to 700W in bridged mode. It is conceived for all professional applications in which ease of transport and space is essential, whether mobile or in permanent installations.

The XS power amplifiers are equipped with all protection circuits against short-circuiting, DC, overheating, and overloading and have a soft-start delay.

All inputs have XLR, RCA and jack input connectors, with Speakon-compatible sockets and screw terminals as outputs. On the rear panel, it is possible to select the mode of operation and gain and activate the limiter and ground-lift function. LEDs on the front indicate power, signal, clipping, triggering of the protection circuit, and the mode of operation. The XS power amplifiers impress with operational dependability and a transmission range of 20Hz – 20kHz, which is reproduced transparently and dynamically with high impulse fidelity.

# Specifications

EN

Model name:	LDXS200	LDXS400	LDXS700
Product type:	Power amplifier	Power amplifier	Power amplifier
Type:	2-channel	2-channel	2-channel
Output power (1 kHz @ 4 ohms):	2 x 100 W	2 x 200 W	2 x 350 W
Output power (1 kHz @ 8 ohms):	2 x 50 W	2 x 100 W	2 x 200 W
Output power (1 kHz @ 8 ohms, bridged mode):	200 W	400 W	700 W
Circuit concept:	Class D	Class D	Class D
Frequency response:	20 Hz - 20.000 Hz	20 Hz - 20.000 Hz	20 Hz - 20.000 Hz
THD:	< 0,1 %	< 0,1 %	< 0,1 %
Voltage gain (switch left, middle, right):	29 dB / 26 dB / 23 dB	32 dB / 26 dB / 26 dB	34 dB / 26 dB / 28 dB
Input sensitivity (switch left, middle, right):	0.77 V / 1.0 V / 1.4 V	0.77 V / 1.0 V / 1.4 V	0.77 V / 1.0 V / 1.4 V
Protection:	Overvoltage, soft-start, DC, overheating, short-circuit	Overvoltage, soft-start, DC, overheating, short-circuit	Overvoltage, soft-start, DC, overheating, short-circuit
Controls:	Volume, Gain, Limiter, On / Off, Ground Lift, Mode	Volume, Gain, Limiter, On / Off, Ground Lift, Mode	Volume, Gain, Limiter, On / Off, Ground Lift, Mode
Indicators:	Clip, Protect, Bridge Mode, Parallel Mode, Signal, Power	Clip, Protect, Bridge Mode, Parallel Mode, Signal, Power	Clip, Protect, Bridge Mode, Parallel Mode, Signal, Power
Line inputs:	2	2	2
Line input connectors:	XLR balanced, 6.3 mm jack balanced, RCA unbalanced	XLR balanced, 6.3 mm jack balanced, RCA unbalanced	XLR balanced, 6.3 mm jack balanced, RCA unbalanced
Speaker outputs:	2	2	2
Speaker output connections:	Speakon-compatible, terminal posts	Speakon-compatible, terminal posts	Speakon-compatible, terminal posts
Power socket:	IEC power socket	IEC power socket	IEC power socket
Power supply:	switching power supply	switching power supply	switching power supply
Operating voltage:	115 V AC / 230 V AC (switchable)	115 V AC / 230 V AC (switchable)	115 V AC / 230 V AC (switchable)
Power consumption (at full load):	240 W	470 W	860 W
Dimensions (W x H x D):	482 x 44 x 244 mm	482 x 44 x 244 mm	482 x 44 x 244 mm
Weight:	3 kg	3.4 kg	3.4 kg
Accessories included:	Power cord, user manual	Power cord, user manual	Power cord, user manual
Other features:	convection cooling	temperature-controlled fan	temperature-controlled fan