

## LD SYSTEMS DSP 45 K POWER AMP

### TECHNICAL DETAILS



Channels	4
Frequency response (Hz)	10 ~ 22000
Signal-to-noise ratio	104dB
Amplifier type	Class H
Continuous power (W)	4 x 1200 (2 $\Omega$ , 4 $\Omega$ )
Continuous power (W)	2 x 2400 (4 $\Omega$ , bridge)
Continuous power (W)	4 x 675 (8 $\Omega$ )
Continuous power (W)	2 x 1200 (8 $\Omega$ , bridge)
Connectors	4 x Neutrik XLR (3-pin, Line output)
Connectors	1 x USB-B
Connectors	4 x Neutrik XLR (3-pin, Line input)
Connectors	1 x Ethernet (RJ45)
Connectors	4 x speakON (Speaker output)
Max. power consumption (W)	1900
Power supply	100-240V AC; 50-60Hz
Width (mm)	482
Height (mm)	90
Depth (mm)	320
Net weight (kg)	7.9

### PRODUCT DESCRIPTION

The LD Systems DSP 45 K is a professional four-channel power amplifier that offers 1,200 watts of continuous power per channel and 2 x 2,400 watts in bridged operation (4 Ohms). The DSP 45 K features numerous DSP functions, and the efficient Class H design with a switching power supply and power factor correction (PFC) filter guarantees a wide dynamic range and great transient response.

Weighing just 7.9 kg, the power amplifier is equipped with symmetrical audio inputs on Neutrik XLR 3-pin connectors, four speakON speaker outputs, as well as an Ethernet and USB Type B port. The unit's front panel is enhanced with a display with a rotary switch, which allow monitoring and configuration of the unit's settings.

The LD Systems DSP 45 K is a power amplifier with features such as soft start or DC circuit protection, overload, or overheat and short circuit protection. Built-in two limiters restrict mains power supply overload and power clipping. The equipment also allows 24 bit/48 kHz DSP signal processing with FIR and IIR filters, and features parametric equalizer, delay, speaker crossover, as well as RMS and Peak limiters.

Rent the LD Systems DSP 45 K four-channel power amplifier at SQM Rental House!

Product link:

<https://rentalhouse.sqm.eu/gb/accessories/1736-ld-systems-dsp-45-k-power-amp.html>