

LDS 12-60 Amplifier

This six-zone amplifier is housed in the same elegant rack-mountable chassis as our other high output models. Each zone can handle two pairs of eight ohm speakers at a rated output of 60/90 watts into 8/4 ohms respectively. Performance remains superb because of the continued use of discrete bi-polar transistors, big capacitors, hefty toroidal transformers, and large heat-sinks. The rear panel has switches for bridging/summing and local/global input selection. Six selectable signal sensing switches, low volt triggers and six pairs of speaker connections are included. The patent pending LDS (Load Detection System) circuitry permits loud-speaker connections to be thoroughly tested before the amplifier can start to play music.

LDS 16-45 Amplifier

This elegant eight-zone rack mountable amplifier offers 45/65 watts into eight and four ohms respectively, of smooth, articulate power from each of sixteen channels.

Included on the rear panel are RCA inputs for eight zones and a bussing system when zones share the same input, plus music signal sensing switches, gain controls, stereo/mono/bridging switches, 12 volt triggers and eight pairs of speaker connectors. Each zone can drive two pairs of eight ohm or one pair of four ohm speakers. Inside the chassis are thirty two discrete output devices, two hefty 775VA toroidal transformers and eight large heat-sinks for truly efficient fan-free cooling.

The LDS 16-45 includes Sherbourn's patent pending circuitry which checks each zone for short circuits and then measures the intended load's impedance to enhance long term reliability. Sherbourn's world-wide reputation for performance, value and reliability is further advanced with this remarkable and versatile amplifier.



LDS 16-45 Inside



LDS 12-60 Inside



LDS 16-45 and 12-60 Front



LDS 12-60 Rear



LDS 16-45 Rear

SPECIFICATIONS: LDS 12-60

Carton weight	63 lbs.
Rated power	60 watts per channel @ 8 ohms and 90 watts/channel @ 4 ohms with no more than 0.05% THD from 20 Hz-20 KHz all channels driven
Power bandwidth	10Hz-75KHz
Gain	40dB
Signal to noise ratio	85dB/wide band, 90dB/ A weighted
Input impedance	22 K ohms
Dynamic headroom	1.3 dB
Power supply	120v/60Hz or 230v/50Hz
Dimensions	17.7" W x 18.2" D x 7" H

SPECIFICATIONS: LDS 16-45

Carton weight	75 lbs.
Rated power	45 watts per channel @ 8 ohms and 65watts/channel @ 4 ohms with no more than 0.1% THD from 20 Hz-20KHz all channels driven
Power bandwidth	10Hz-75KHz
Gain	30dB
Signal to noise ratio	91dB/wide band, 91dB/A weighted
Input impedance	22 K ohms
Sensitivity	950 Mv
Dynamic headroom	1.3 dB
Power supply	120v/60Hz or 230v/50Hz
Dimensions	17.7" W x 18.2" D x 7"H

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