

LDS 2-150B and LDS 2-75B Amplifiers



LDS 2-150B rear



LDS 2-75B rear



LDS 2-150B inside

The LDS 2-150B audio/video amplifier is an innovative, attractive and versatile performer that can be used as a television amp as well as an audio amplifier where its diminutive size can satisfy the needs of a custom solution.

Housed in a slim 1U chassis with an elegant blue LED, the LDS 2-150B can be freestanding, wall mounted or rack mounted using the optional panel. This "discrete" amplifier uses a hefty toroidal transformer and outputs two channels of 50/75 watts into 8/4 ohms respectively. Used in its mono mode, the LDS 2-150B outputs up to 150 watts. Its outstanding musical performance is ensured by its skillful design and the use of top quality components including bi-polar and MOSFET transistors.

The LDS 2-150B incorporates a CPU that measures an intended impedance to prevent an excessive load being imposed that could cause overheating.

The front panel allows input selection: switch-off delay time, a separate "B" mode trigger level adjustment and a volume setting. The rear panel includes two sets of line level inputs, two sets of speaker level inputs, a set of buffered outputs, 12-volt trigger and music signal sensing circuits. In addition there is an adjustable turn on control, two sets of removable speaker connectors, the Sherbourn patented LDS speaker test circuit and an 18 dB per octave sub-sonic filter to prevent low frequency saturation of transformer volume controls.

The LDS 2-75B is identical to the LDS 2-150B but we have eliminated the extensive A/V switching capability for those who are looking to utilize the exceptional performance but don't need that advanced capability of the LDS 2-150B.



LDS 2-75B

LDS 2-150B



Both units shown in a 19" Rack mount panel.

SPECIFICATIONS: 2-150B and 2-75B Amplifiers

Carton weight	11 lbs/5 kilograms*
Rated power	50 watts per channel @ 8 ohms and 75watts/channel @ 4 ohms with no more than 0.1% THD from 20 Hz-20 KHz all channels driven
Power bandwidth	10Hz-75 KHz
Gain	32 dB
Signal to noise ratio	85 dB/wide band, 90dB A weighted
High input impedance	1.0 K ohms
Line input impedance	12.0 K ohms
High level sensitivity	2.5 volts
Line level sensitivity	500 Mv
Fuses	T2AL/250v
Auto on trigger sensitivity	1Mv-5 Mv adjustable
Input A delay/off time	(2/75) 10 minutes
Input B delay/off time	(2/150A) 0.3 Minutes-5 Minutes adjustable
Power supply	120v/60Hz or 230v/50Hz
Dimensions	8.25"W x 13.0" D x 2" H
Rack mount kit	A 17"/450mm rack mount panel (1-UFP) is available that will hold 2 units side-by-side as shown on front. A blank plate is provided to cover the second aperture if only one amp is used.

**Ships in master pack of two units. (22 lbs.)*

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