

AMP2150

1 Zone, 2 Channel Amplifier with Auto-Sensing

D-Force describes the latest digital technology in amplifiers by Current Audio. The D-Force amplifiers generate the equivalent analog output for speakers by using a modulated audio signal rather than the traditional digital to analog conversion. The amp is a Class D configuration (D does not stand for 'digital' but merely refers to the next letter after Class C). It does exhibit a digital-like output because the outputs are generated by turning the signal completely ON and OFF.

Features

Dual Power Mode - Input power is switchable from 115VAC to 230VAC.

3 Prong Plug - Grounded input power for Safety.

Master Power Switch - Rear panel switch to cut power for service or hook-up.

Multi-Stage Protection - Each pair of channels/zones is individually protected with internal circuitry and is indicated on the front bi-color LEDs. The amp will shut down a bad zone if it senses a short or is overdriven. ONLY the channels that are affected will turn Off and indicates by the LED turning from blue to red thus pointing to the channel in distress. The remaining zones will run unaffected and continue to provide sound without shutting down all zones.

Installer Friendly Connections - Each speaker channel has pull off plugs to allow the user to make wire connections up to #14 gauge with positive screw down terminals. The IEC power cord can be disconnected at the amp for easy service. All inputs are made by easy connect gold plated RCA plugs.

Bridging - If more power is required for perhaps an outside area, two channels may be combined (Bridged) to provide 300 watts at 8 ohms. This is accomplished simply by a selector switch at each zone. CAUTION: Turn power off when making change and always maintain an 8 ohm load when in the Bridge mode.

Rack Mount - packed with each amp is an accessory pack that include brackets allowing the amp to be rack mountable. This is accomplished by attaching the rack ears with the 4 included screws.

Power Mode - Power On has three modes. (1) It can be toggled ON/OFF by the front power switch and is indicated by the corresponding LED. (2) It can also be triggered ON/OFF by a 12 VDC signal on the rear 3.5mm Trigger in jack. Front Power button must be in standby mode to operate trigger. LED must be red. The tip of the plug is (+). (3) It can be triggered ON by Music Auto Sense. In this mode unit will turn OFF after a 10 minuet delay of no signal.



SPECIFICATIONS

Continuous Power	150 Watts RMS at 4 ohms
Output All channels driven	100 Watts RMS at 8 ohms
Bridged Power Output All channels driven	300 Watts per channel RMS at 8 ohms Caution: Maintain an 8 ohm load in the bridged mode
Standby Power	< 1 watt
Power Consumption	400 watts
Input Sensitivity/Impedance	500mv /20,000 ohms
Signal to Noise Ratio	95 db
Frequency Response	20 Hz to 20 kHz
Total Harmonic Distortion 8 ohms Bridged 8 ohms	0.1% THD 20 Hz to 20 kHz 0.03% THD
Dimensions WxHxD (weight)	17" (431.8mm) x 4" (101.6mm) x 13" (330.2mm) (15 lbs.)



Part Number 93102

Manual URL www.currentaudio.com

