

Digital Power Amplifier 2-Channel

USA Product with Reputation known since 1989, Specialized and designed as an innovative amplifier for multi-room audio Home System.



D400 uses ACE™ which is our “Automatic Clip Eliminator” circuitry. This is an ELAN-engineered, patent-pending dynamic leveling circuit that makes all D Series amps virtually clip-proof, ensuring the cleanest power at all times. Low Impedance The D400 is stable down to 2 Ohms, meaning that you can load it down with up to six 8 Ohm speakers. Perfect for large rooms with multiple speakers or outdoor areas that need lots of umph!

With Class T Digital power ratings of 80 Watts per channel @ 4 Ohms, and 200 Watts per channel @ 2 Ohms, the D400 provides a flexible, powerful solution for high power 2-channel and multi speaker applications

The D400's low profile design provides maximum power for minimum space, taking up only a simple rack height. Its low-impedance capabilities mean that multi-speaker applications are not only possible, but actually maximize the output of the amplifier! Extremely efficient, the D400 utilizes cutting edge technology like ACE Automatic Clip Eliminator and Class T technology to minimize heat, noise and distortion while maximizing power and audio quality. Truly the lowdown on high performance.

- Applications:**
- Audio Distribution for Luxury Homes
 - Audio Distribution at Luxury Offices
 - Hotel Banquet Halls A/V System Distribution & Control
 - Smart School Media Sharing and Distribution

Model: SH-515

Part #: Elan D-400 Amplifier

Features

- Single Rack Space High
- 2 x 200 Watts per Channel RMS into 2 Ohms
- 2 x 135 Watts per Channel RMS into 4 Ohms
- 2 x 80 Watts per Channel RMS into 8 Ohms
- Class T Digital Technology
- Low Heat/High Efficiency (85%)
- ACE™ Automatic Clip Eliminator
- Buffered Loop Outputs for Each Channel
- Easy to Configure for Stereo or Mono
- Blue Vacuum Fluorescent Display
- “Lockout” Feature Fixes Level Settings

Specifications

Current Draw: 6.25A @ 120 VAC
 Power Rating: RMS
 Output Power (2CH Stereo):
 200W RMS @ 2 Ohms/Ch
 Output Power (2CH Stereo):
 135W RMS @ 4 Ohms/Ch
 Output Power (2CH Stereo):
 80W RMS @ 8 Ohms/Ch
 Frequency Response: 20Hz to 20kHz
 +/-0.5dB into 8 Ohms
 Full Power Bandwidth: 10Hz to 50kHz
 Signal to Noise:
 >102dB (A Weighted)
 Channel Separation: >70dB
 Total Harmonic Distortion: <.04%
 Intermodulation Distortion: <.01%
 Voltage Gain(AV): ...
 Continuously Variable from 0 – 27
 Slew Rat: >20V/microsecond
 Input Impedance: 49k Ohms
 Input Sensitivity:
 0.90VRMS (150W @ Ohms)
 Input/Loop Output: ...
 Gold RCA Phono
 Speaker Output:
 Five Way Binding Posts
 AC Power Requirements:
 120VAC, 750 Watts
 Current Draw: 5A @ 120 VAC
 Power Supply: ... Ultra-High Efficiency
 Toroidal Transformer
 Remote Trigger Input: 5 to 24Volts
 AC/DC
 Trigger Loop Output:
 +12VDC @ 0.1A

Dimensions

Size: 17" W x 1 3/4" H x 15" D
 43.18 W x 4.46 H x 38.10 D(cm)
 Weight: 221 lbs/10kg