

D1200

12-Channel Digital Amplifier

Designed for Multi-Room Audio Applications

High Power for High Quality Sound

Efficient Class T Digital Technology

Everything about the D1200 was designed with whole-house audio in mind. From ACE® clipping elimination circuitry to digital level settings for each channel, this amp is the heart of any multi-room system.

100 Watts of power allows you to hear all the details and nuances of your music to maximum potential. Bass is deep and rich. High frequencies are crisp and clear with no distortion. Incredible sound and performance.

Typical amplifiers waste over half of their energy as heat. The D1200 uses Class T digital technology that is more than 85% efficient so that more power goes to your speakers and less power goes to raising your Air Conditioner bills!

Enjoy the Best in Sound ■

Built Just For Your Home

Compact, efficient and high powered, the D1200 has been designed specifically for multi-room, whole-house applications. With 100 Watts of power to each of the 12 channels, music is heard the way it was meant to be heard—bass is deep and tight, high-frequency details are clear and bright. The Universal Stereo Bus allows extreme flexibility in design so that this amplifier can truly be custom configured for your home. Cool running Class T digital technology and a massive power supply ensures years of trouble-free service. ACE® clipping elimination circuitry maintains consistent clear sound.

Power, Power, Power

The D1200's Class T design is 85% efficient. This means that more power is sent to your speakers and less is wasted as heat (other amplifiers can use over 50% of their energy as heat loss). More efficiency means more power which means—better quality sound.

How Many Ways...?

Stereo in one zone, mono in another. Six speakers in one zone, one in another. Got a huge room? Power up to 24 speakers simultaneously using the D1200's Universal Stereo Bus. Flexible impedance ratings, individual volume level control for each channel,

individual trigger input/output functionality, and line-level outputs all combine to make this the most flexible amplifier on the market today.

Built to Last

The D1200 is heavy—about 50 pounds worth. Everything about the unit is built for durability and longevity. A massive power supply ensures that all necessary power is available all the time. The front face is built of machined aluminum and has rugged handles so that it can be moved around by mere mortals. The Class T design and ACE® clipping elimination circuitry keeps the amplifier running cool, clean, and stress-free. Hook it up and enjoy!



Twelve Channels of Digital Cool

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Features & Specifications

- Class T Design Ensures Clean, Cool, and Efficient Operation
- 12 Channels x 100 Watts RMS at 4 Ohms, Lots of Power
- Universal Stereo Bus Allows Extreme Flexibility in Setup
- ACE® Automatic Clip Elimination Circuitry Eliminates Distortion Without Audio Degradation
- Individual Remote Trigger Inputs/Outputs to Turn On or Mute Individual Channels or Additional Amplifiers
- Digital Volume Level Setup and Lockout Features Allow Accurate, Repeatable Setup. Once Configured, the Front Panel can be Locked to Avoid Prying Hands From Changing Carefully Set Volume Levels
- Advanced Protection Circuitry Completely Disconnects any Speaker Output That is in a Faulted Condition. The Front Panel Will Indicate That a Fault is Present
- Available in Both Shelf and Rack Mount (D1201) Models
- ETL® and C-tick Listed, CE Approved
- Another ELAN Award-winning Product



General

System	.....	12-channel Audio Amplifier
Power Supply	.....	Ultra-high Efficiency Toroidal Transformer
Power Requirements	.....	120 Volts AC
Power Consumption	.....	1500 Watts
Weight	.....	.53 lbs/24 kg
Dimensions	D1200	(in.) 5-1/4 H x 17 W x 15 D
		(cm) 13.34 H x 43.18 W x 38.1 D
	D1201	(in.) 5-1/4 H x 19 W x 15 D
		(cm) 13.34 H x 48.26 W x 38.1 D
Connectors		
Input	.....	Gold RCA Phono Jacks
Output	.....	Gold 5-way Binding Posts
Triggers		
Remote Trigger Inputs	.....	6 Individual Trigger Inputs
	.....	.5 to 24 Volts AC/DC
Trigger Loop Output	.....	+12 Volts DC

Audio Section

Power Rating (RMS)	.....	100 WPC @ 4 Ohms
	.....	70 WPC @ 8 Ohms
Frequency response	.....	.20Hz to 20kHz, -3dB into 8 Ohms
Full Power Bandwidth	.....	.10Hz to 50kHz
Signal to Noise	.....	>102dB (A weighted)
Channel separation (@1kHz)	.....	> -70dB channel to channel @ 1kHz
Total harmonic distortion (@1kHz)	.....	<.04%
Intermodulation distortion	.....	<.01%
Voltage Gain (AV)	.....	Continuously Variable from 0-32
Slew Rate	.....	>20V/microsecond
Input Impedance	.....	.49K Ohms
Input Sensitivity	.....	0.635Vrms (60W @ 8 Ohms)

ELAN Home Systems reserves the right to change hardware and specifications without notice.



Two-Year Limited Warranty
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