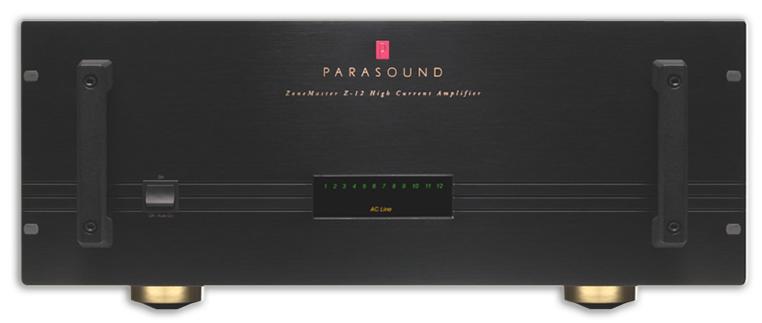
Multi-Zone Amplifier

Z - 12

Parasound's Z-12 Zonemaster Amplifier is undoubtedly the best sounding, most flexible multi-zone amplifier ever. With un-compromised sound quality the Zonemaster will effortlessly power up to twelve speakers using either a stereo or mono signal, or twelve independent signals. For ease of use and installation, the Z-12 is bridgeable to six channel pairs, can be turned on via a DC trigger or audio signal, and can adjust the volume of each channel individually. At last – a whole house distribution amplifier worthy of the Parasound name.



Features

12 channel amplifier bridgeable to 6 channel pairs Modular Construction

Left and right input buses, looping output connectors Individual channel inputs

Direct Coupled - no capacitors or inductors in signal path

DC Servo and relay protection circuits

Impedance protection switches

120,000 μF power supply filter capacitance

Massive I.2 kVA toroid power transformer with

independent secondary windings for each channel pair

24 Discrete high speed output transistors

Automatic on/off by DC trigger or audio signal

Remote enable for each channel pair

Rear mounted gain controls and ground lift switch

Heavy duty 24kt 5-way speaker binding posts

Gold-plated RCA input jacks

AC present, standby/normal, channel status indicators

4u rackmountable chassis with rear carry handles

Parasound's 10 years parts, 5 years labor warranty

Specifications

Continuous power output - each channel:

50 watts RMS x 12, 20 Hz - 20 kHz, 8Ω , all channels driven

50 watts RMS x 12, 20 Hz - 20 kHz, 4Ω , all channels driven

100 watts RMS x 6, 20 Hz - 20 kHz, 8Ω

Current capacity: 10 amperes peak per channel

Power bandwidth: 5 Hz - 100 kHz, +0/-3 dB at 1 watt

Total harmonic distortion: < 0.2 % at full power

IM distortion: < 0.03 %

Slew rate: > 90 V/μsecond

Dynamic headroom: > 1.5 dB

Interchannel crosstalk: > 50 dB at 1 kHz; > 40 dB at 20 kHz

Input sensitivity: I.2V for full output

Input impedance: 47 k Ω

S/N ratio: > 86 dB, input shorted, IHF A-weighted

Damping factor: > 800 at 20 Hz

Dimensions: 19" w x 7-5/8" h x 17-1/4" d, 7" h without feet

Net weight: 65 lbs.

