

# A 23

## Amplifier

### The 3 Series

Parasound's Halo A 23 Amplifier is the ultimate combination of cutting edge technology, superb craftsmanship, and stunning industrial design. With high current Class A/AB amplification, smooth sounding MOSFET drivers, and balanced XLR inputs, this mighty amp will make any speaker sound better than ever before. The A 23 two channel amplifier boasts 125 watts of THX Ultra 2 certified power per channel, and it looks as amazing as it sounds. Whether it's movies or music, the A 23 will knock your socks off!



### Features

- Circuitry designed by legendary John Curl
- Lucasfilm Home THX Ultra 2 certified
- High bias Class A/AB operation
- Balanced inputs with discrete circuits and XLR connectors
- Direct Coupled - no capacitors or inductors in signal path
- Complementary MOSFET driver stage and JFET input stage
- 12 beta-matched 15 amp, 60 MHz bipolar output transistors
- 785 VA encapsulated toroid power transformer with independent secondary windings for each channel
- 48,000  $\mu$ F power supply filter capacitance
- DC Servo and relay protection circuits
- AC present, channel status, high temperature displays
- Gold-plated RCA input jacks, loop output jacks
- Auto turn-on by 12v trigger or audio signal
- Heavy-duty 24k gold-plated 5-way speaker binding posts
- Rear mounted gain controls, ground lift switch
- 2u Chassis, carry handles, rack mounting adapter available

### Specifications

- Continuous power output:
  - 125 watts RMS x 2, 20 Hz - 20 kHz, 8 $\Omega$ , both channels driven
  - 200 watts RMS x 2, 20 Hz - 20 kHz, 4 $\Omega$ , both channels driven
  - 400 watts RMS x 1, 20 Hz - 20 kHz, 8 $\Omega$
- Current capacity: 45 amperes peak per channel
- Power bandwidth: 5 Hz - 100 kHz, +0/-3 dB at 1 watt
- Total harmonic distortion: < 0.06 % at full power
- IM distortion: < 0.04 %
- Slew rate: > 130 V/ $\mu$ second
- Dynamic headroom: > 1.5 dB
- Interchannel crosstalk: > 80 dB at 1 kHz; > 63 dB at 20 kHz
- Input sensitivity: 1 V for 28.28 V, THX Reference Level
- Input impedance: 33 k $\Omega$
- S/N ratio: > 112 dB, input shorted, IHF A-weighted
- Damping factor: > 800 at 20 Hz
- Voltage: Switchable for 110V - 120V or 220V - 240V operation
- Dimensions: 17-1/4" w x 4-1/8" h x 13-1/4" d, 3-5/8" h without feet
- Net weight: 28 lbs.

