

High Current Amplifiers

HCA-2205AT

Parasound's High Current Amplifiers offer explosive power with uncompromised sound quality. Our focus on a high current/high bias design influenced by John Curl, utilizes complimentary discrete circuitry to assure every watt is crystal clear and available for crisp vocals, magnificent explosions, and dynamic music. Each amplifier features 12 volt DC triggers, gain controls, and bullet-proof protection for ease of use and peace of mind. Give us the most demanding music or the most action packed soundtrack, and you will love what you hear.



Features

- Circuitry designed by John Curl
- Lucasfilm Home THX Ultra certified
- High bias Class A/AB operation
- Direct Coupled - no capacitors or inductors in signal path
- DC Servo and relay protection circuits
- Massive 2 kVA toroid power transformer with independent secondary windings for each channel
- 150,000 μ F power supply filter capacitance
- Hand matched complementary JFET input stages and MOSFET driver stages
- 40 beta-matched 15 amp, 60 MHz bipolar output transistors
- DC Servo and relay protection circuits
- AC present, standby/normal, current overload, temperature indicators
- Gold plated RCA input jacks
- 12 volt DC automatic turn-on circuitry; ground lift switch
- Heavy duty 24k 5-way speaker binding posts
- Color coded, gold plated brass banana plugs included
- Rear mounted gain controls and rear handles
- Parasound's 10 years parts, 5 years labor warranty

Specifications

- Continuous power output:
 - 220 watts RMS x 5, 20 Hz - 20 kHz, 8 Ω , all channels driven
 - 300 watts RMS x 5, 20 Hz - 20 kHz, 4 Ω , all channels driven
- Current capacity: 60 amperes peak per channel
- Power bandwidth: 5 Hz - 100 kHz, +0/-3 dB at 1 watt
- Total harmonic distortion: < 0.03 % at full power
- IM distortion: < 0.03 %
- Slew rate: > 130 V/ μ second
- Dynamic headroom: > 1.5 dB
- Interchannel crosstalk: > 80 dB at 1 kHz; > 60 dB at 20 kHz
- Input sensitivity: 1 V for 28.28 V, THX Reference Level
- Input impedance: 33 k Ω
- S/N ratio: > 118 dB, full power; > 96 dB, THX Reference
- Damping factor: > 1000 at 20 Hz
- Dimensions: 19" w x 7-5/8" h x 19-1/2" d, 7" h without feet
- Net weight: 85 lbs.



PARASOUND

Parasound Products, Inc. 950 Battery Street, San Francisco, CA 94111
415-397-7100 / FAX 415-397-0144 www.parasound.com