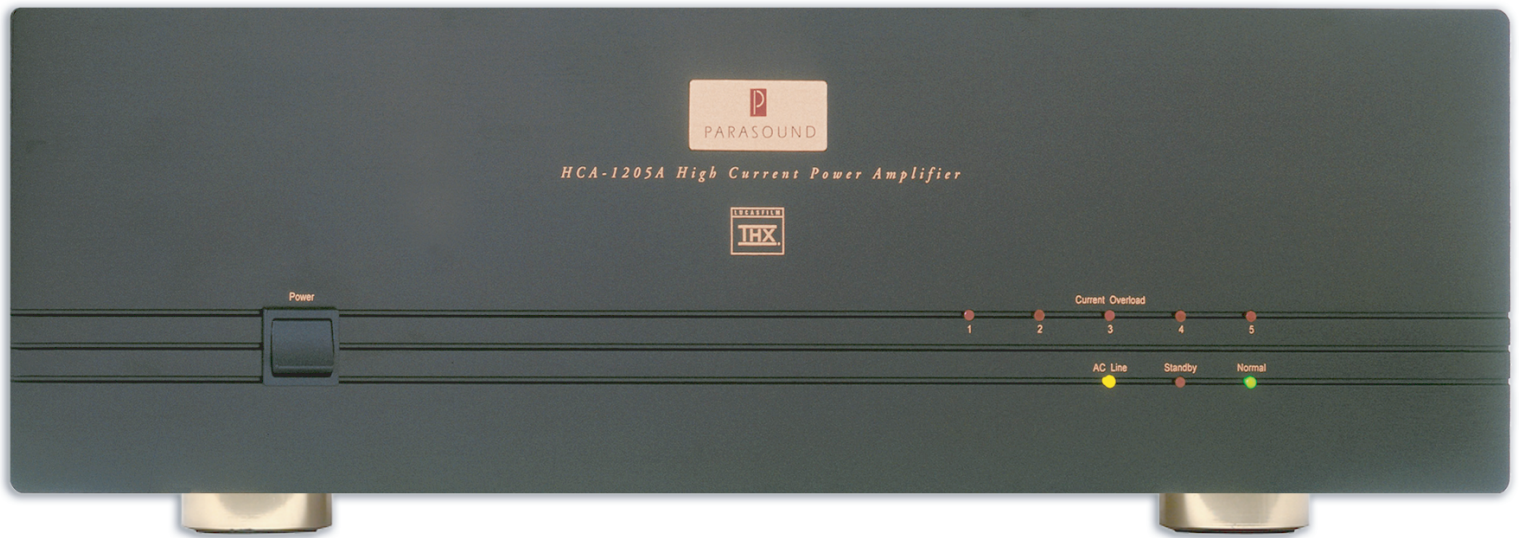


# High Current Amplifiers

## HCA-1205A

**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
- Direct Coupled - no capacitors or inductors in signal path
- DC Servo and relay protection circuits
- High bias Class A/AB operation
- Massive 1.6 kVA toroid power transformer with independent secondary windings for each channel
- 100,000  $\mu$ F power supply filter capacitance
- Independent power supplies for each channel
- Hand matched complementary JFET input stages
- 30 beta-matched 15 amp, 50 MHz bipolar output transistors
- AC present, standby/normal, current overload indicators
- Rear mounted gain controls and rear handles
- 12 volt DC automatic turn-on circuitry; ground lift switch
- Gold plated RCA input jacks
- Heavy duty 24k 5-way speaker binding posts
- Rack mounting adapter available
- Parasound's 10 years parts, 5 years labor warranty

### Specifications

- Continuous power output:
  - 140 watts RMS x 5, 20 Hz - 20 kHz, 8 $\Omega$ , all channels driven
  - 200 watts RMS x 5, 20 Hz - 20 kHz, 4 $\Omega$ , all channels driven
- Current capacity: 45 amperes peak per channel
- Slew rate: > 130V/ $\mu$ second
- Power bandwidth: 5 Hz - 100 kHz, +0/-3 dB at 1 watt
- Total harmonic distortion: < 0.03 % at full power
- IM distortion: < 0.03 %
- Dynamic headroom: > 1.5 dB
- Interchannel crosstalk: > 80 dB at 1 kHz; > 60 dB at 20 kHz
- Input impedance: 33 k $\Omega$
- Input sensitivity: 1 V for 28.28V, THX Reference Level
- S/N ratio: > 117 dB, full power; > 96 dB, THX Reference
- Damping factor: > 800 at 20 Hz
- Dimensions: 17-1/4" w x 6" h x 19" d, 5-1/4" h without feet
- Net weight: 46 lbs.



PARASOUND

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