acūrus

A2002

2-channel, 200Wx2 smart power amplifier

The 2-channel utility player in the Acurus A2000 series is the A2002. This compact yet powerful amplifier provides the basis for a value-priced high-end stereo setup, amplification for a THX Ultra 2 certified theater setup or a powerful 2-channel zone for a multi-room system rack.

An innovative Ethernet control and status port is standard on all Acurus products. This smart feature enhances performance, setup and everyday use well beyond the basic 12-Volt trigger found in competitive products. Smart capabilities like this in all Acurus products help ensure the best performance possible.

Features

- High-current output stage
- Fully discrete class AB analog audio circuitry
- Ethernet, RS-232, 12V trigger
- Rack-mountable chassis
- Mobile device controllable
- Remote monitor-ready

Benefits

- Detailed, neutral sound, ideal for music or movies
- Cool-running
- Quick installation and setup
- Readily integrates with popular control systems
- Made in the USA

Applications

- High-performance 2-channel audio
- Home theater
- High-power zone amplification
- Bi-amp upgrade for Acurus ARIES

Warranty

- 5 years parts and labor

Included

- User guide
- 14 AWG power cord
- Warranty card
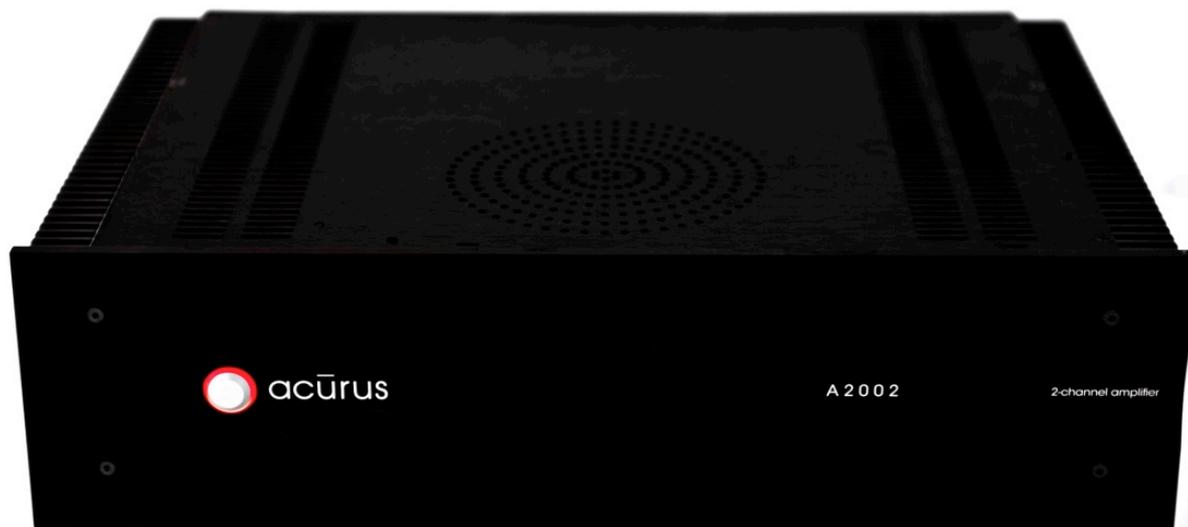
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Optional accessories

- Rack ear kit (ARM-1)

Supporting documentation

- Ethernet and RS-232 control protocol
- 2-D CAD files
- Service guide
- International safety reports

THX
ULTRA2.

Specifications

Electrical	
Power output	200W (8Ω), 300W (4Ω), both channels driven
THD	< 0.03% (200W, 8Ω), < 0.05% (300W, 4Ω)
Current capability	>18A (2.2Ω)
Frequency response	20 – 20kHz ± 0.1dB
Tim/dim distortion	<0.003%
SNR	106dB (A-wt.)
Damping factor	500, 8Ω @ 50Hz
Input sensitivity	1W: 100mV, 200W: 1.42V
Input impedance	20kΩ
Power consumption	23W (idle), 1200W (max), <1W (standby)
Control	
Ethernet/RS-232	Status and control of standby/on, channel configuration
12V	Standby/on control
Audio Inputs/Outputs	
Audio in	Gold-plated RCA (unbalanced) x 2
Loudspeaker out	Gold-plated 60A 5-way binding posts x 2
Physical	
Product dimensions	5" (12.7cm) x 17" (43.2cm) x 13.5" (34.3cm)
Rack height	3 RU
Product weight	29 lbs. (13.2kg)
Finish	Black satin anodized, laser-etched logo, white rear panel
Carton dimensions	10" (25.4cm) x 22" (55.9cm) x 18" (45.7cm)

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