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 now 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 new 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
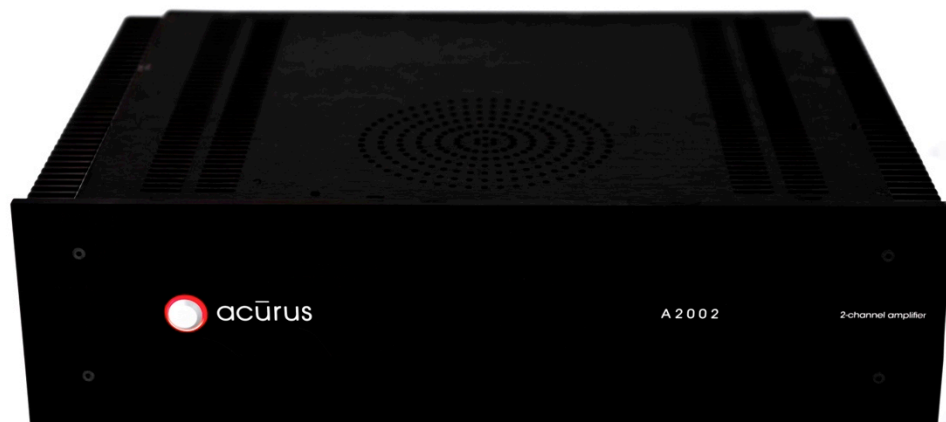• Solid American engineering and construction for long-term reliability

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

INDY
AUDIO))LABS

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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)