

# 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 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 A/B analog audio circuitry
- ethernet, RS-232, 12V trigger
- mobile device controllable
- remote monitor-ready

### Benefits

- detailed, neutral sound, ideal for music or movies
- cool running in rack or shelf placement
- 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



### Specifications

<b>Electrical</b>	
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)
<b>Control</b>	
ethernet/RS-232	status and control of standby/on, channel configuration
12V	standby/on control
<b>Audio Inputs/Outputs</b>	
audio in	gold-plated RCA (unbalanced) x 2
loudspeaker out	gold-plated 60A 5-way binding posts x 2
<b>Physical</b>	
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)

