A2005

5-channel, 200Wx5 smart power amplifier

Our 5-channel home theater amplifier in the Acurus A2000 series is the A2005. The A2005 is the core of a high-performance, modern, home theater system. With THX Ultra2 certified specs and full integration with home automation systems, the A2005 delivers an uncompromising audio experience for home cinema.

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.

Applications

• Residential home theater
• Multipurpose home theater/2-channel systems
• Corporate media rooms
• Professional multichannel mastering studios

Solutions

• Detailed, neutral sound, ideal for music or movies
• Cool-running in rack or shelf placements
• Integrates multiple ways with automation systems
• Installation and setup simplified with web app
• Made in the USA
• 5 year warranty

Features

• High-current output stage
• Fully discrete class AB analog audio circuitry
• Ethernet, RS-232, 12V trigger
• Temperature monitoring via web
• Rack-mount chassis designed for optimum cooling
• Mobile device controllable
• Remote monitor-ready

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Optional accessories

- Rack ear kit (ARM-2)

Included

- User guide
- 14 AWG power cord
- Warranty card

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), all 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 5
Loudspeaker out	gold-plated 60A 5-way binding posts x 5
Physical	
Product dimensions	8.5" (21.6cm) x 17" (43.2cm) x 15.0" (38.1cm)
Rack height	5 RU
Product weight	47 lbs. (21.3kg)
Finish	black satin anodized, laser-etched logo, white rear panel
Carton dimensions	16" (40.6cm) x 22" (55.9cm) x 20" (50.8cm)