ACT 4

11.3 HD audio pre-amp processor

The ACT 4 represents a revolution in home cinema processors. Designed to be the headquarters of a modern ultra high definition home theater, the ACT 4 combines ultimate audio performance, control flexibility and the latest in HDMI and immersive surround processing technologies.

The ACT 4 also sets a new standard for ease of installation and use. An intuitive, full-color touch-sensitive front panel display simplifies setup and operation. Web-based setup and control enable operation of an ACT 4 powered theater from anywhere within the home via mobile phone or tablet computer. Both unbalanced and balanced outputs are included for flexibility in connectivity.

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

Solutions
- Delivers superior home cinema audio
- Up to 11.3 speaker configuration support
- High-end 2-channel audio performance
- Decodes the latest immersive surround audio formats
- Integrates multiple ways with automation systems
- Installation and setup simplified with built-in web app
- Modern HDMI interface supports Ultra-HD formats
- Ethernet, RS-232 and 12V trigger control automation
- US-made helps ensure quality and reliability
- 5 year warranty

Features
- Modern Ultra-HD HDMI 2.0 interface
- 7" Full-color touch-sensitive front panel interface
- 8x2 HDMI with 4K and 3-D pass-thru
- Supports HDCP 2.2
- Quad TI DSP processors decode the latest HD Audio Formats including Dolby Atmos® and DTS:X™
- Hi-res Audio DACs support 192kHz/24bit on all digital inputs
- Hardware and Firmware upgradeable enables future format and standards support
- Ethernet, RS-232, 12V trigger in and out
- 2 USB charging ports
- Mobile device control with built-in web apps
- Remote monitoring ready
- Brushed aluminum finish with laser-engraved print

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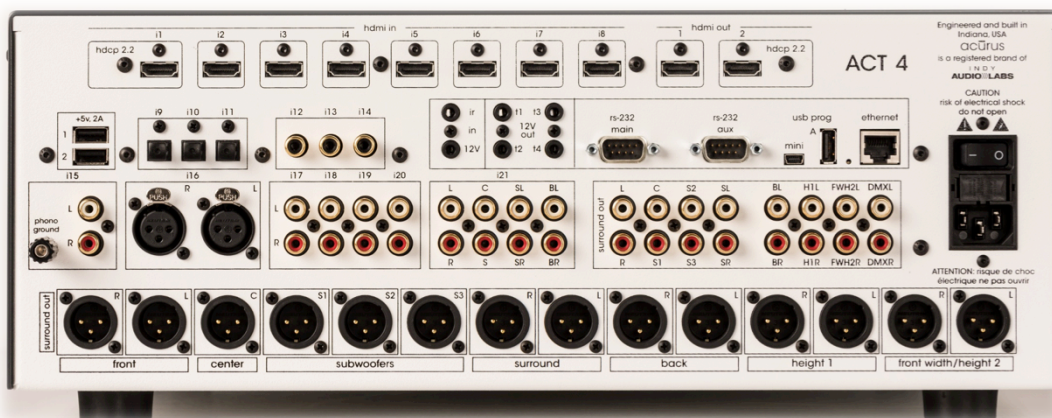## 11.3 HD audio pre-amp processor

Optional accessories

*   Rack ear kit (ARM-4)

Supporting documentation

*   Ethernet and RS-232 control protocol
*   2-D CAD files

Specifications (preliminary)

Electrical	
Frequency response	20 – 20kHz ± 0.1dB
SNR	>110dB (A-wt.)
THD	<0.02% (20Hz – 20kHz)
Max output	3.5Vrms, 7Vrms (Sub out)
Power consumption	70W (max), <1W (standby)
Control	
Front panel display	7" touch-sensitive LCD
Serial	2 x DB-9, Full 2-way control, 1 x USB A programming port
Ethernet	1 x Ethernet, Web interface & 2-way IP control via UDP
12V trigger	1 x 3.5mm IN, 4 x 3.5mm OUT
Charging port	2 x USB 5V, 2A
Audio	
Stereo analog audio inputs	4 x Gold-plated (RCA) L/R unbalanced, 1 x XLR L/R balanced
Stereo phono input	1 x Gold-plated (RCA) L/R pair
Digital audio inputs	3 x coax (RCA) and 3 x Optical
Multi-channel analog audio inputs	1 set 8 Gold-plated (RCA) 7.1 configuration
Multi-channel analog audio outputs	1 set 14 Gold-plated (RCA), 1 set 14 XLR 11.3 configuration
Decoding	
Surround Formats	Dolby Atmos, DTS:X, up to 9.1.2
Post Processing	
Loudspeaker Adjustments	EQ (5 parametric), Delay, Polarity, Large/Small, Crossover Frequency
A/V	
HDMI	8 in x 2 out, 4K pass thru, HDCP2.2 (1 in, 1 out)
Physical	
Product dimensions	7" (17.8cm) x 17" (43.2cm) x 15.0" (38.1cm)
Product weight	30 lbs. (13.6kg)
Finish	Black satin anodized, laser-etched logo, white rear panel
Carton dimensions	12" (25.4cm) x 22" (55.9cm) x 20" (50.8cm)

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