ACT 4

20 channel HD audio pre-amp processor

The ACT 4 represents a revolution in home cinema processors. Designed to be the headquarters of a modern UHD home theater, the ACT 4 combines ultimate audio performance, control flexibility, full support of HDMI2.0b/HDCP2.2, and the absolute latest immersive sound 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. Controllable via 3rd-party systems, the ACT 4 also offers web setup and control which enables operation of an ACT 4 theater from anywhere within the home via mobile device. The ACT 4 has both balanced and unbalanced outputs which allow for flexibility in any application.

highlights
- 20-channel processor
- 5-year warranty
- 3rd party controllable
- HDMI 2.0b/HDCP 2.1 I/O
- decodes Dolby Atmos® & DTS:X™
- upgradeable

applications
- residential home cinema
- multi-purpose
- light commercial
- pro audio

availability
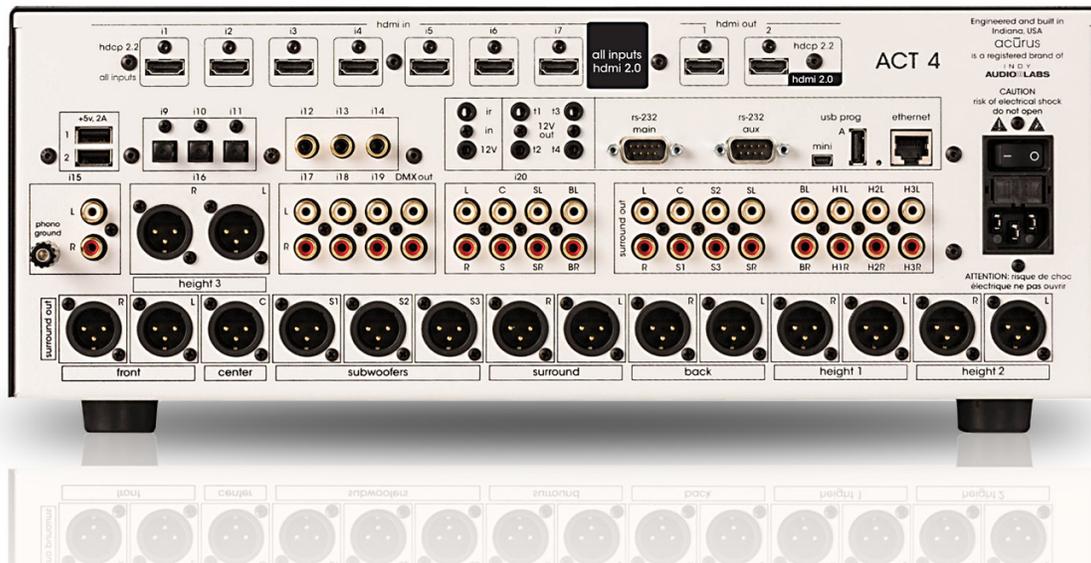- aux DB9 to XLR cable
- optional rack kit
- made in USA

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specifications

electrical

frequency response	20 - 20kHz ± 0.1dB
SNR	> 110dB (A-wt)
THD	< 0.02% (20 - 20kHz)
max output	3.5V RCA, 7V XLR
power consumption	70W (max), 1W (standby)

decoding and post processing

native decoding	Dolby Atmos up to 15.1/DTS:X up to 11.1
post processing	Dolby Surround Upmixer, Neural:X upmixer
loudspeaker adjust (i)	delay, polarity, large/small, crossover
loudspeaker adjust (ii)	PEQ (5 bands + 2 shelving filters)
modes	auto, direct, party, night, stereo, DTS, Dolby

audio/video

stereo analog inputs	3 x gold-plated RCA L/R unbalanced, 1 x XLR L/R balanced
stereo phono input	1 x gold-plated RCA L/R
digital inputs	3 x coax RCA, 3 x optical
multi-channel analog inputs	1 x gold-plated RCA in 7.1 configuration
multi-channel analog outputs	18 x gold-plated RCA, 20 x balanced (16 x XLR + 4 x AUX DB9)
digital video inputs	7 x HDMI 2.0b, 4k pass-thru (7 x HDCP 2.2)
digital video outputs	1 x HDMI 2.0 b HDCP2.2, 1x HDMI 1.4

accessories and documentation

rack ear kit (ARM-4)
owner's manual
DB-9 to XLR x4 (CAB-20) cable
ethernet and RS232 protocols
2D CAD files
3D CAD files
3rd party control drivers

control

front-panel display	7" LCD touch-panel
serial	2 x DB9, 2-way control, 1 x USBA programming port
ethernet	1 x ethernet, web interface + 2-way IP UDP control
12V trigger and IR	1 x 3.5mm IN, 4 x 3.5mm OUT, IR remote
charging port	2 x USB 5V, 2A

physical

product dimensions	7" x 17" x 15" (17.8cm x 43.2cm x 38.1cm)
product weight	25 ilbs (11.3 kg)
carton dimensions	12" x 22" x 20" (25cm x 56cm x 51cm)
carton weight	30 lbs (13.6 kg)
finish	black satin anodization, laser-etched logo, white chassis