

ARIES

200Wx2 integrated 2.1 preamp/amplifier

The Acurus Aries is a compact yet powerful audio solution for both music and audio-for-video applications. From high-end 2-channel setups to serious gaming sound, the Aries delivers a compelling audio experience. The Aries features a simple, intuitive, full-color touch-sensitive control panel. An expansion slot in the rear of the unit enables future upgrades and custom configurations.

An innovative ethernet control and status port enhances performance, setup and everyday use well beyond the basic IR remote found in most comparable products. Mobile devices connect directly to the Aries to bring the front panel controls conveniently to the user anywhere in the home. Smart capabilities like this in all Acurus products help ensure the best user experience possible.

Applications

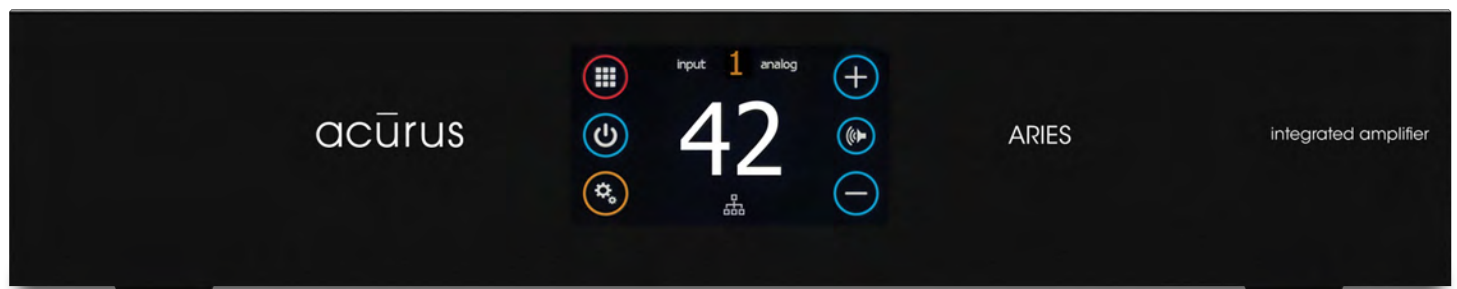
- high-performance 2-channel audio
- 2.0 or 2.1 audio-for-video
- high-powered zone amplification
- integrated amplifier for bi-amp configurations
- precision analog 2.1 preamp
- high-end gaming audio system

Solutions

- accurate, neutral sound for music or movies
- cool running for shelf, rack, or credenza placement
- simple installation and setup with built-in web app
- ethernet, RS-232 and 12V trigger control automation
- control volume for zones or zone groups
- power larger zones via 2 independent preamp outs
- made in the USA
- 5-year warranty

Features

- compact, modern design
- brushed Aluminum finish with laser-engraved print
- intuitive, touch-sensitive control panel
- low-distortion discrete analog pre-amp
- analog switching class-D amplifier architecture
- IR, ethernet, RS-232 and 12V trigger control options
- rack-mountable 2RU chassis
- mobile device controllable
- remote monitoring ready



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Included

- quick-start guide
- universal IR remote with IR target
- 14 AWG power cord

Optional accessories

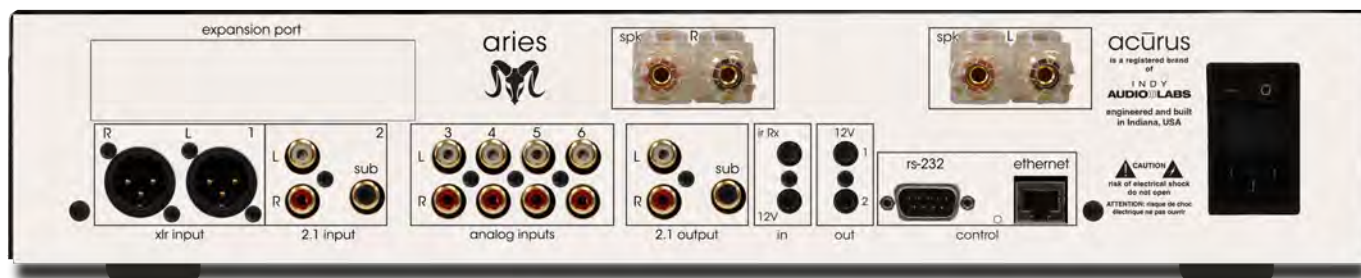
- rack ear kit (ARM-3)
- phono/DAC/wireless audio cards (TBA)

Supporting documentation

- ethernet and RS-232 control protocol

Specifications

| | |
|-----------------------------|---|
| Electrical | |
| power output | 200W (8Ω), 400W (4Ω), both channels driven |
| THD (amplifier) | < 0.05% (200W, 8Ω), < 0.08% (400W, 4Ω) |
| frequency response | 20 – 20kHz ± 0.15dB |
| SNR | 118dB (A-wt.) |
| damping factor | >1000, 8Ω @ 50Hz |
| input impedance | 20kΩ |
| THD (pre-amp output) | <0.007% (20 – 20kHz) |
| max output (pre-amp output) | 3.5Vrms, 7Vrms (sub out) |
| power consumption | 40W (idle), 1440W (max), 4W (standby) |
| Control | |
| front panel display | 4.3" touch-sensitive TFT 480x272 QVGA, RGB 65k colors |
| ethernet/RS-232 | serial command and UDP message protocol for all parameters |
| 12V | 1 3.5mm in, 2 3.5mm out, trigger out delay adjustable 0-2 sec |
| Audio Inputs/Outputs | |
| stereo audio input | 4 gold-plated RCA (unbalanced) L/R pairs |
| balanced input | 1 XLR (balanced) L/R pair |
| 2.1 audio input | 1 gold-plated RCA (unbalanced) L/R pair plus sub in |
| 2.1 preamp output | 1 gold-plated RCA (unbalanced) L/R pair plus sub out |
| loudspeaker out | gold-plated 60A 5-way binding posts x 2 |
| expansion port | (up to 3 inputs or outputs with expansion card option) |
| Physical | |
| product dimensions | 3.5" (8.89cm) x 17" (43.2cm) x 13.0" (33.0cm) |
| rack height | 2 RU |
| product weight | 17 lbs. (7.71kg) |
| finish | black satin anodized, laser-etched logo, white rear panel |
| carton dimensions | 10" (25.4cm) x 22" (55.9cm) x 18" (45.7cm) |



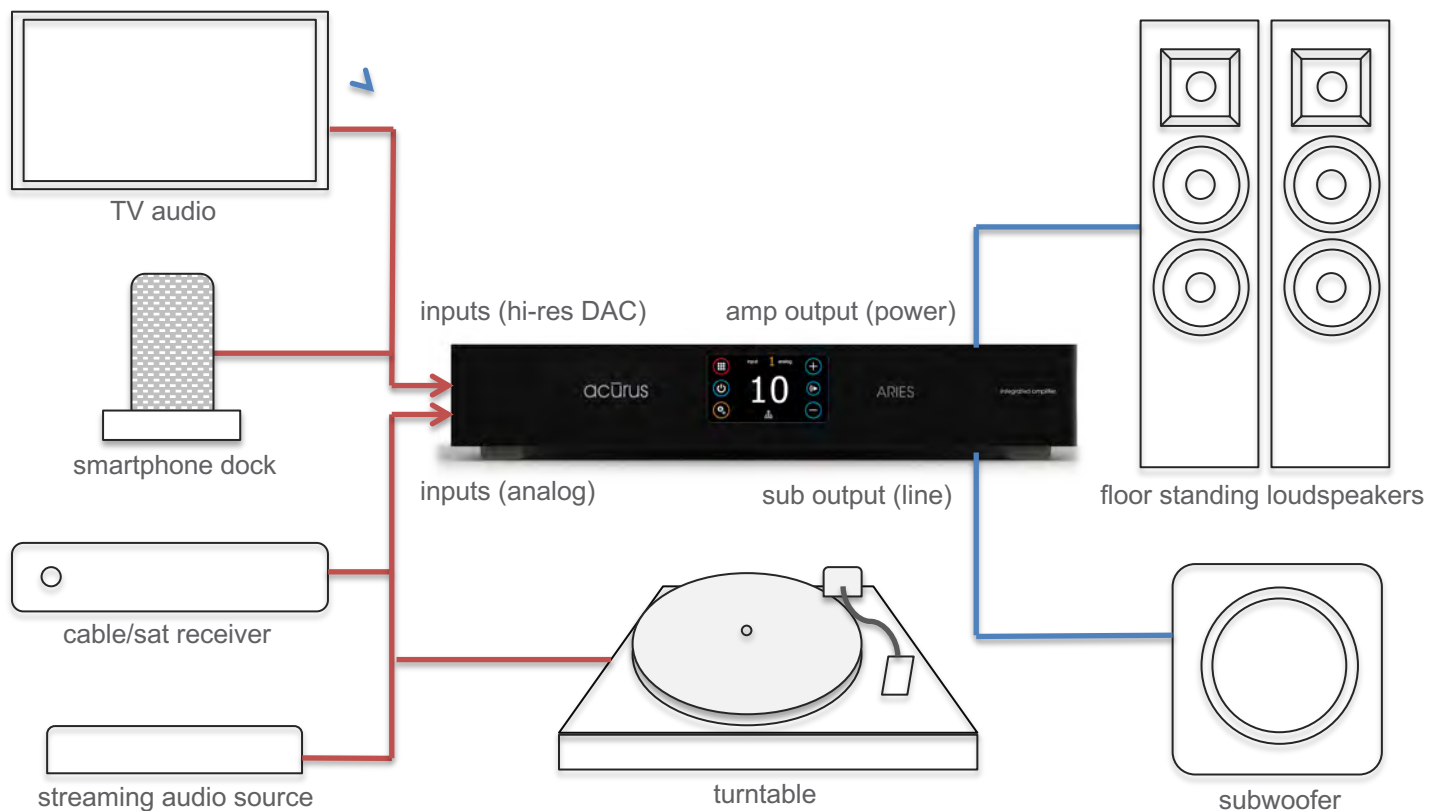
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multi-zone amplifier with integrated preamp: **applications**

Commercial retail or large residential audio-for-video application:

- TV audio sources (left) feed local zones
- Streaming sources and cable/sat feeds all zones



Installation notes:

- Control network options ethernet and/or RS-232 (not shown)
- Up to 8 TV audio zones can be supported
- Any one TV audio zone can feed all other zones through bus Z
- Add more Scorpios for more zones