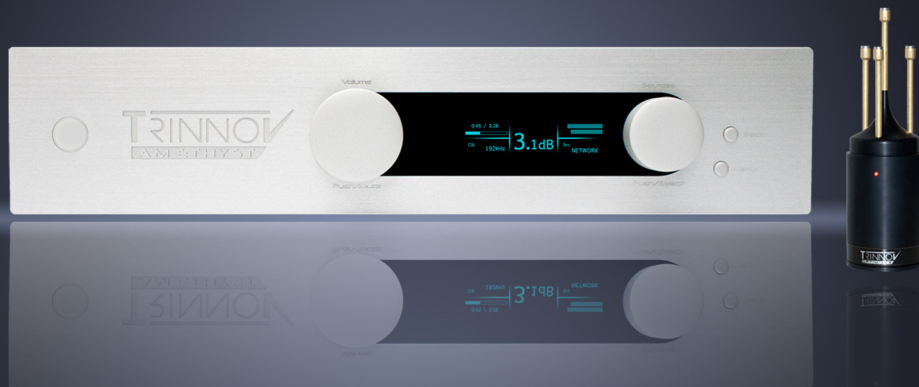




Advanced Digital Room Correction

Modern Classic



Trinnov AMETHYST

|| Sources High-End Preamplifier

Phono Preamp with HybriD Technology

Digital Media Renderer

24bits/192 kHz AD/DA Converters

Room/Speaker Optimizer

2-ways Active Crossovers

Built-in Wifi

Request a demo form a Trinnov partner near you

www.trinnov.com

TRINNOV

A U D I O

Advanced Digital Room Correction



AMETHYST Specs

11 Sources High-End Preamplifier

- 2 balanced analog sources on XLR connectors
- 1 single-ended analog source on Cinch connectors
- 1 single-ended analog source on Cinch connectors with phono switch
- 2 digital AES/EBU sources on XLR connectors
- 2 digital S/PDIF coax sources on Cinch connectors
- 2 digital S/PDIF optical sources on TosLink connectors
- 1 High-Resolution UPnP network source (Ethernet, Wifi)

MM Phono Preamp

- Trinnov HybriD Technology: innovative RIAA filter; mixing an analog circuit for the low-end and a dedicated digital algorithm for the high frequencies

Hi-Resolution Network Renderer

- High-Resolution file rendering
- UPnP Protocol (Digital Media renderer DLNA compliant)
- Supported codecs: WAV, AIFF, OGG, FLAC, MP3 up to 24 bits/192 kHz

AD/DA Converters

- A/D signal-to-noise ratio: 119 dB (A-weighted)
- D/A signal-to-noise ratio: 118 dB (A-weighted)
- High performance jitter attenuation (better than 50dB above 100Hz)
- Supported A/D sampling rates: 44,1 / 48 / 88,2 / 96 kHz
- Supported D/A sampling rates: 44,1 / 48 / 88,2 / 96 / 176,4 / 192 kHz
- Word Clock Input/Output

Builtin Room/Speaker Optimizer

- Multi-point acoustic measurements (Trinnov 3D measurement microphone included)
- Time/frequency acoustic analysis based on impulse response measurement
- Loudspeaker/room optimization
- Target curves
- Wide listening area
- Improved phase response
- Improved tonal balance
- 2D/3D loudspeaker remapping
- 64 bits floating point processing

Active Crossovers / Bi-Amplification

- 2-ways intelligent active crossover
- Available filters: Linkwitz-Riley, Bessel, Butterworth de 2nd, 3rd and 4th order
- Measurement and alignment at the listening point

Output formats

- 1x stereo, 2x stereo, bi-amp, 2.1, 2.2, LCR, LCRS, 3.1, quad

Power

- Dedicated linear power supply with toroidal transformer for the analog audio circuit

Remote control

- IR remote included
- VNC: remote control through the network from a PC, Mac, iPad, iPhone or Android device
- Gigabit ethernet: Crestron module available in the download section of our website www.trinnov.com
- Telnet and RS-232 Protocol