

TRINNOV  
AUDIO

ALTITUDE 32

MUTE VOLUME



TpBL  
22.0

TpSR  
23.0

SL  
22.4

TRINNOV  
AUDIO



ELEVATE YOUR SOUND

ALTITUDE 32

LEADING THE NEXT GENERATION OF LUXURY HOME CINEMA PROCESSORS

# ALTITUDE 32

DOLBY ATMOS®

AURO 3D AUDIO

dts X



## NEXT GENERATION 32 CHANNEL AV PREAMP ELEVATE YOUR SOUND

We shaped the Altitude<sup>32</sup> to ensure an undisputed leadership in 3D sound, leaving nothing to chance: high channel count, huge processing capabilities to meet the highest technical requirements, and exclusive patented technologies to unleash the full potential of immersive sound, regardless of formats and speaker layouts, turning the Altitude<sup>32</sup> into a real 3D sound virtuoso and a reference for many years to come ...

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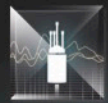
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PASSION FOR AUDIO QUALITY WITHOUT COMPROMISE

# TRINNOV AUDIO: THE ROOM OPTIMIZATION EXPERT

TRINNOV OPTIMIZER:  
THE CHOICE OF PROFESSIONALS

For almost 10 years, Trinnov has provided prestigious customers with room correction solutions within the professional audio industry. In fact, the Optimizer technology is used across the entire film production chain, from mixing facilities to commercial theaters. The Optimizer is today's most advanced, comprehensive and flexible room correction system available on the market, fully integrated in the Altitude<sup>32</sup>, providing acoustic analysis, best-in-class room optimization, intelligent active crossovers and extensive bass management possibilities to ensure a true-to-source sound reproduction.



TRINNOV  
OPTIMIZER



TRINNOV  
REMAPPING

## ONGOING INNOVATION

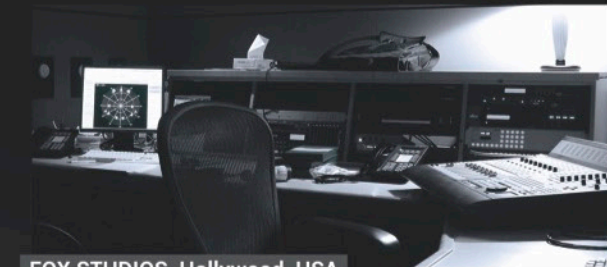
Since 2003, Trinnov audio is committed to innovation as a mean to provide high quality sound and future-proof technologies. Both the hardware platform and software environment of the Altitude<sup>32</sup> have been designed to open endless perspectives via software implementations and deliver a user experience to be enhanced over years through ongoing innovation.

They trust us:



TOHO STUDIOS, JAPAN

*Film mixing facilities of the original Godzilla movie.*



FOX STUDIOS, Hollywood, USA

*Film mastering for HDTV.*



UGC NORMANDY, Champs-Elysées, Paris, FR

*800 seats premiere screening room.*

## MAIN FEATURES

**32 Channel Digital Audio Processor / Universal Spatial-Accurate 3D Audio playback / 118 Digital and Analog Inputs and 80 audio Outputs / Best-in-Class Room Optimization fully integrated / Superior multi-subwoofer management & 4-ways active Xovers calibration / 8x HDMI Inputs, 2x HDMI Outputs / User-friendly, self-explaining user interface / Builtin WiFi & UPnP/DLNA Compliant Digital Media Renderer / Wide choice of Remote Options.**



3,5 U Rack: H: 165 mm / W: 430 mm / D: 405 mm  
Weight: 14 kg Power consumption: 90 W max.

BLACK ALUMINIUM LIGHT GREY ALUMINIUM

DESIGNED, MANUFACTURED AND ASSEMBLED IN FRANCE

### IN 25 SOURCES PREAMP

- |                |  |               |   |
|----------------|--|---------------|---|
| <b>DIGITAL</b> | <ul style="list-style-type: none"><li>8x 3D Ready HDMI 1.4b compliant</li><li>1x 16 AES channels on DB25</li><li>4x S/PDIF coaxial on RCA</li><li>4x S/PDIF optical on TosLink</li><li>2x AES/EBU on XLR</li></ul> | <b>ANALOG</b> | <ul style="list-style-type: none"><li>3x RCA stereo</li><li>2x XLR stereo</li><li>1x RCA 7.1</li><li>1x 3D Microphone Input</li></ul> |
|----------------|--|---------------|---|

### OUT UP TO 32 SIMULTANEOUS OUTPUTS

- |                |   |               |   |
|----------------|---|---------------|---|
| <b>DIGITAL</b> | <ul style="list-style-type: none"><li>2x HDMI outputs</li><li>16x AES channels on DB25</li><li>1x AES/EBU on XLR</li><li>1x S/PDIF coaxial + 1x S/PDIF optical</li><li>1 AML extension link</li></ul> | <b>ANALOG</b> | <ul style="list-style-type: none"><li>32x Balanced on 4x DB25</li><li>16x Balanced on 16x XLR</li><li>1x RCA stereo</li></ul> |
|----------------|---|---------------|---|

## AUDIO FORMATS



- HDMI 1.4b compliant digital audio with 3D video pass-through (HDMI 2.0 upgrade supported);
- HD Audio Codecs: Dolby TrueHD®, DTS-HD Master Audio®;
- 3D Audio Codecs (optional): Dolby Atmos®, Auro-3D®, DTS:X®;
- LPCM Audio: 16-channels AES input compatible with Digital Cinema Servers;
- UPnP/DLNA renderer: WAV, AIFF, OGG, FLAC up to 24 bits / 192 kHz.

## REMOTE MANAGEMENT

- VNC Remote Control through the network from any smartphone, tablet or laptop;
- Web-based responsive interface (Q1 2015);
- Automation via Telnet and RS232 protocols;
- Crestron® and Savant® modules available;
- Built-in Gigabit Ethernet and WiFi;
- Remote control included.

## AUDIO PROCESSING

- Automatic processing:**
  - Multi-point acoustic measurement (Trinnov 3D measurement microphone);
  - Time/Frequency acoustic analysis based on impulse response measurement;
  - Loudspeaker/Room optimization;
  - Target Curves.
- Manual processing:**
  - Several layers of 31 bands Graphic EQ, FIR EQ, gains, polarity and delays available for every channel;
  - Front / Surround / Top balance.
- Comprehensive Processing latency control.**
  - Total delay given in meters/milliseconds/frames for the listening point;
  - Adjustable global delay for accurate Lip Sync.



3D tetrahedric measurement probe (optional)

## POWER

- Dedicated linear power supply with toroidal transformer on the Analog audio circuit;
- Dedicated PSU / switch-mode power supply on the digital audio circuit.

## EXCLUSIVE TECHNOLOGIES

- Trinnov patented 2D/3D spatial remapping;**
- Trinnov Loudspeaker/Room Optimization;**
- Trinnov high-performance AD/DA converters,** used daily by the most demanding mastering studios;
- Next Generation Hardware platform:**
  - Revolutionary architecture, scalable processing platform;
  - 64 bits Floating point & 24 bits / 192 kHz native processing;
  - Future-proof software-oriented upgrades provided over internet, no need for DSP upgrade;
  - Robust design, inspired from our Professional Audio product lines.

## SUBWOOFER MANAGEMENT

- Adjustable High Pass / Low pass editable by group or for individual satellite/sub;
- Support for 0 to 32 subwoofers;
- Automatic level and delay alignment.

## LINEUP

**ALTITUDE 32 8-8**  
8 AES Inputs / 8 Analog Outputs

**ALTITUDE 32 8-16**  
8 AES Inputs / 16 Analog Outputs

**ALTITUDE 32 16-24**  
16 AES Inputs / 24 Analog Outputs

**ALTITUDE 32 16-32**  
16 AES Inputs / 32 Analog Outputs



TRINNOV Audio  
5 rue Edmond Michelet, 93360 Neuilly-Plaisance - FRANCE

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SUPPORT: PHONE: +33 (0)1 84 23 40 34 EMAIL: support@trinnov.com

www.TRINNOV.com

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