

# HYPERION



TECHNOLOGY FORWARD  
NETWORKED HOME  
THEATER

**AudioControl**<sup>®</sup>

# HYPERION

A technology forward Home Theater Ecosystem expertly engineered for state-of-the-art installs.

## WELCOME TO THE HYPERION ERA

For the Professional AV Integrator Who Demands More

At AudioControl, we know your reputation depends on delivering systems that impress on day one—and continue to wow for years to come. That's why we created the Hyperion Series: a technology-forward family of home theater solutions focused on GaN Amplification and next-gen HDMI switching.

Built from the ground up for the pro installation world, Hyperion combines AudioControl's legendary sonic mastery with the cutting-edge video and network expertise of AVPro to give you the ultimate toolkit for immersive, future-ready home theaters.

From the first calibration to years of trouble-free operation, clients experience lifelike visuals and breathtaking audio while you enjoy bulletproof reliability.

Four Categories. One Unstoppable Platform.

- **HOME THEATER PRE-PROCESSORS:** Precision-tuned cinematic control for reference environments.
- **RECEIVERS:** Integrated GaN powered amplification coupled with first in class video processing for immersive setups without limits.
- **AMPLIFIERS:** Class H driven muscle meets Dante networking for crystal-clear, high-output performance.
- **DANTE eARC ENCODERS:** Send theater sound anywhere in the home with rock-solid network transport.



PRE-PROCESSORS



RECEIVERS



AMPLIFIERS



ENCODERS

Every Hyperion component is part of a unified ecosystem—sharing unmatched hardware quality, intelligent connectivity, and 48Gbps video handling power. Pair them together, and you're not just building a theater—you're building a high-performance networked AV environment designed to withstand shifting formats, demanding clients, and tomorrow's tech innovations. With Hyperion, you can confidently design, install, and deliver jaw-dropping entertainment spaces that keep your clients talking long after the credits roll.

**AudioControl®**  
Making Good Sound Great™

# THE FLAGSHIP HYPERION APR-16

## 16 Channel 48Gbps 8K Home Theater Pre-processor

**Built for the Installer, Loved by the Client:** A 16-channel balanced output preamp processor, designed for limitless audio system creation and maximum flexibility. This full-featured preamp processor provides state-of-the-art immersive processing for home cinemas. With balanced outputs and endless routing capabilities, this 16-channel processor offers unparalleled sonic performance, reliability, and flexibility, enabling integrators to create bespoke audio systems without being constrained by predefined configurations and settings. APR-16 features pro-grade HDMI switching with the most robust HDMI management available, including built-in EDID and HDCP management.

### Create tailor-made high-performance cinema installations without limitation

- State-of-the-art immersive processing for unrivaled sonic precision
- Professional HDMI switching with full EDID & HDCP management
- Reliable, scalable routing for complex home theaters

### Where this fits?

- At the heart of a reference-grade dedicated theater room or luxury home cinema.

### Specifications

INPUTS	DIGITAL ANALOG CONVERSION - SABRE ES9039QTM
7 x HDMI inputs	+130db Dynamic Range (DNR)
2 x stereo Analog unbalanced RCA	-126db Total Harmonic Distortion (THD)
1 x stereo Analog balanced XLR	-120db total harmonic Distortion + Noise (THD+N)
2 x Optical IN	PROCESSING
2 x Digital coax IN	Up to 16 decoding /upmixing Channels
OUTPUTS	Sampling Rate supported - 24 bit/192k
16 x Analog unbalanced RCA OUT (assignable)	HDMI - 2.1
16 x Analog balanced XLR outputs (assignable)	HDCP 2.3
1 x HDMI Out (eARC)	HDR support
1 x Optical Out	Max Resolution - 4K 120 hz/8K 60 Hz
CONTROL INPUTS/OUTPUTS	Max Bandwidth - 48 Gbps
1 x RS-232 Serial Control	Dolby Atmos
4 x RJ45s - TCP/IP Ethernet	DTS:X
IR jack In	HDMI CONNECTIVITY
5-12v trigger In/Out	HDMI 2.1 /HDCP 2.3
TCP/IP Ethernet	48 Gbps on all ports
IR Remote Included	HDR10+, Dolby Vision, HLG, VRR
7 inch Front Panel LCD touchscreen	ARC/eARC - available on main output
Cloud based FW updates via Web interface	POWER
USB-A for FW updates/maintenance	100-240v (universal power supply)





# HYPERION RCV-11

## 11-Channel AVR

**Immersive Power, Simple Integration:** First-of-its-kind AVR with GaN amplification, driving 11 channels for Dolby Atmos 7.1.4 and beyond. The powerful, versatile AVR boasts unrivaled sonic performance as the first receiver of its kind to incorporate GaN amplification. This game-changing technology translates to exceptional high-power performance, effortlessly driving even the most demanding speakers to produce breathtaking sound that matches vivid, high-resolution onscreen visuals. RCV-11 easily supports Dolby Atmos systems and other immersive configurations, providing the foundation of incredible home theater experiences.

**Deliver breathtaking clarity and output with cutting-edge amplification—engineered for demanding systems**

- Supports immersive 7.1.4 configurations
- Industry-leading power and reliability
- Perfect synergy with vivid, high-resolution visuals

### Where this fits?

- Central component for media rooms or dedicated theaters using reference speakers.

### Specifications

INPUTS
7 x HDMI inputs
2 x stereo Analog unbalanced RCA
1 x stereo Analog balanced XLR
2 x Optical IN
2 x Digital coax IN
OUTPUTS
16 x Analog unbalanced RCA OUT (assignable)
11 x Speaker terminals - 5 way Binding posts
1 x HDMI Out (eARC)
1 x Optical Out
CONTROL INPUTS/OUTPUTS
1 x RS-232 Serial Control
4 x RJ45s - TCP/IP Ethernet
IR jack In
5-12v trigger In/Out
TCP/IP Ethernet
IR Remote Included
7 inch Front Panel LCD touchscreen
Cloud based FW updates via Web interface
USB-A for FW updates/maintenance

DAC - SABRE ES9039QTM
+130db Dynamic Range (DNR)
-126db Total Harmonic Distortion (THD)
-120db total harmonic Distortion + Noise (THD+N)
PROCESSING
Up to 16 decoding /upmixing Channels
Sampling Rate supported - 24 bit/192k
HDMI - 2.1
HDCP 2.3
HDR support
Max Resolution - 4K 120 hz/8K 60 Hz
Max Bandwidth - 48 Gbps
Dolby Atmos
DTS:X
HDMI CONNECTIVITY
HDMI 2.1/HDCP 2.3
48 Gbps on all ports
HDR 10+, Dolby Vision, HLG, VRR
ARC/eARC - available on main output
POWER
100-240v (universal power supply)
POWER OUTPUT
100w @ 8 and 4 ohms - all channels driven at 1/8 <sup>TH</sup> power



# HYPERION DPR-16

## Digital Immersive Processor

**Networked Audio and Video, Zero Compromises:** Fully digital platform distributing 16 channels over Ethernet, with future-ready connectivity. This AV powerhouse is a fully digital platform that seamlessly integrates sound and video processing. It redefines network audio processing by bringing advanced LAN concepts to multizone home theater systems. Offering support for eARC, Dante, AES67 and AES/EBU. Capable of distributing 16 channels of audio signal over 1 Ethernet connection for Dante applications, 2 ethernet connections for AES-EBU applications. The DPR-16 is engineered for future digital connectivity while remaining fully compatible with existing systems.

**Seamlessly integrates advanced audio and video processing—perfect for tech-savvy multizone installs.**

- One-cable audio distribution (Ethernet) for massive flexibility
- Full support for eARC, Dante, AES67, AES/EBU
- Designed for advanced digital connectivity and future proofing

### Where this fits?

- Multizone installs with a Home Theater, whole-home audio/video, complex smart homes.

### Specifications

INPUTS	PROCESSING
4 x HDMI inputs	Up to 16 decoding /upmixing Channels
1 x Optical IN	Sampling Rate supported - 24 bit/192k
1 x Digital coax IN	HDMI - 2.1
<b>OUTPUTS</b>	HDCP 2.3
1 x HDMI Out (eARC)	HDR support
1 x Optical Out	Max Resolution - 4K 120 hz/8K 60 Hz
2 x RJ45 - 16 channels AES-EBU	Max Bandwidth - 48 Gbps
1 x RJ45 - 16 AEX67/Dante	Dolby Atmos
<b>CONTROL INPUTS/OUTPUTS</b>	DTS:X
1 x RS-232 Serial Control	<b>HDMI CONNECTIVITY</b>
2 x RJ45s - TCP/IP Ethernet	HDMI 2.1/HDCP 2.3
5-12v trigger In/Out	48 Gbps on all ports
RS-232	HDR10+, Dolby Vision, HLG, VRR
Cloud based FW updates via Web interface	ARC/eARC - available on main output
USB-A for FW updates/maintenance	<b>POWER</b>
	100-240v (universal power supply)



# HYPERION TETRA, PENTA, & HEPTA POWER AMPLIFIERS

## Legendary Performance, Uncompromising Design

For over four decades, AudioControl has set the benchmark for premium amplification—delivering extraordinary power, sonic purity, and unmatched reliability. Every amplifier is built on a foundation of innovation, craftsmanship, and real-world expertise, trusted by integrators and audiophiles alike for installations that range from grand to intimate. Hyperion Power Amplifiers extend this proud legacy, integrating decades of engineering excellence with next-generation technology to deliver breathtaking dynamics, rich musicality, and flawless control. Beneath their elegant chassis, proprietary circuitry and precision components ensure absolute fidelity from the quietest details to the most explosive cinematic moments. Whether anchoring a reference-grade theater or elevating whole-home entertainment, Hyperion amplifiers are designed to inspire, endure, and impress—every installation, every time.

### TETRA 4 CHANNEL

### PENTA 5 CHANNEL

### HEPTA 7 CHANNEL

**High-powered amplifiers with Dante networking, engineered for clean, powerful sound in dedicated theaters.**

- Dante-enabled for seamless network integration.
- Sleek look—matches any Hyperion install.
- Less cables = easier installation
- Flexible connectivity = connect via either unbalanced, balanced or digital audio via Dante

## Where this fits?

- Driving mains or overhead channels in luxury theaters

With Hyperion Power Amplifiers, integrators gain the confidence of AudioControl's decades-long legacy and innovative engineering—delivering effortless installs and a sonic signature that transforms any space into a haven for pure entertainment.

## Specifications

INPUTS
Inputs: 4,5 or 7 RCA Unbalanced, 4,5 or 7 XLR Balanced
RJ45 - 4,5 or 7 Channels of Dante Audio
Input Sensitivity: 1.42 Vrms for full output
Maximum Input Voltage: 2.7 Vrms
Input Impedance: 100 k $\Omega$
OUTPUTS
Amplifier Channels: 4,5, or 7
Power Output (8 $\Omega$ ): 230 watts per channel
Power Output (4 $\Omega$ ): 300 watts per channel
Power Output (8 $\Omega$ Bridged Mono): 600 watts
Minimum Speaker Load: 4 $\Omega$
PERFORMANCE
Damping Factor: >450
Total Harmonic Distortion: 0.04% (230 watts @ 8 ohms 20 Hz to 20 kHz)
Signal to Noise: >102 dB, A-wtd ref Full Output
Frequency Response: 10 Hz -20 kHz, $\pm 1$ dB
CONTROL
Remote Power Trigger: +12 VDC or Dry Contact Closure
SEE POWER CONSUMPTION SPECS ONLINE



Tetra



Penta



Hepta



# HYPERION AXIS DANTE ENCODERS: AXIS-10 & AXIS-2

## Bring Home Theater Sound to Any Room with AXIS Dante Audio Encoders

### AXIS-10: 10-Channel eARC Dante Encoder—Whole Home Cinema, Unleashed

A multi-channel eARC Dante encoder. Receives the Dolby Atmos or DTS encoded content from your TV and distributes it to every corner of your home using Dante networking.

### Give clients unmatched flexibility—never miss a moment, in any zone.

- Can encode up to 8 channels of Dolby Atmos or DTS to Dante
- Outputs stereo downmix simultaneously
- POE powered
- Web GUI for configuration and tuning
- Signal sense switching to Digital audio input



### Where this fits?

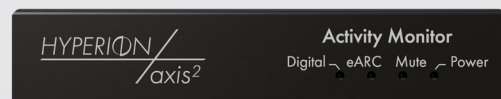
- Large homes, entertainment spaces, commercial installs

### AXIS-2: 2-Channel eARC Dante Encoder—Flexible Performance Beyond the Theater

Effortlessly expand theater sound to secondary zones—garage, patio, lounge.

### Bring immersive audio wherever your clients want it.

- Dante™ and AES67 multicast system compatible
- CEC-through-TV remote volume control
- Encodes PCM
- Signal sense switching to Digital audio input



### Where this fits?

- Garages, patios, kitchens, or anywhere secondary audio is needed

## Specifications

AXIS-10	
AUDIO	
Frequency Response	20-20kHz
Supported Formats	Dolby Atmos, DTS, PCM
Supported Sample Rates	44.1kHz, 48kHz, 88.2kHz, 96kHz
Supported Bit Depths	16, 24, 32
Supported Channel counts	2.1, 3.1, 5.1, 7.1, 5.1.2 plus stereo downmix
DSP	6 band Graphic/Parametric EQ
AUDIO CONNECTIONS	
eARC Input	1 x HDMI
Digital Audio Input	1 x Toslink 1 x Coax
Dante Network Audio	1 x RJ-45
TCP/IP Ethernet	1 x RJ-45
POWER	
USB Type-C Power Adapter	Input: 100-240VAC, 50/60Hz, 0.5A Output: 5V/2A 10W
PoE via RJ45	Power over Ethernet

AXIS-2	
AUDIO	
Frequency Response	20-20kHz
Format	LPCM
Supported Sample Rates	44.1kHz, 48kHz, 88.2kHz, 96kHz
Supported Bit Depths	16, 24, 32
AUDIO CONNECTIONS	
eARC Input	1 x HDMI
Digital Audio Input	1 x Toslink 1 x Coax
Dante Network Audio	1 x RJ-45
POWER	
USB Type-C Power Adapter	Input: 100-240VAC, 50/60Hz, 0.5A Output: 5VDC, 1A
PoE via RJ45	Power over Ethernet

# THE HYPERION ADVANTAGE: ENGINEERING TOMORROW'S HOME THEATER, TODAY

Experience the industry's most advanced home theater solutions—designed for integrators who won't settle for anything less than extraordinary. Hyperion combines revolutionary technologies to deliver cinematic perfection and future-proof reliability at every installation.

- **GAN AMPLIFICATION:** Harness groundbreaking Gallium Nitride amplification for jaw-dropping power, superior efficiency, and unmatched sound clarity—even in the most demanding audio environments.
- **DANTE & ADVANCED NETWORK INTEGRATION:** Enable scalable, flexible multiroom installations with Dante audio networking and integrated network switching. Connect, distribute, and manage high-resolution audio anywhere clients want it.
- **ROBUST HDMI & VIDEO PROCESSING:** Set new standards for video performance with 48Gbps HDMI management, full EDID/HDCP support, and seamless compatibility with emerging formats. Each Hyperion component is engineered to handle the latest in video technology for effortless operation.
- **PROPRIETARY PLATFORM STABILITY:** Rely on AudioControl's in-house engineered platforms—built for speed, resilience, and peace of mind. No generic or third-party operating systems, just pure, dependable performance designed for the professional installer.

PARTNER FOR PERFORMANCE. BUILD FOR THE FUTURE.

Ready to set yourself apart and create installations that clients rave about? Partner with AudioControl and the Hyperion line to unlock the power and flexibility essential for tomorrow's home theaters.

Connect with us today for technical deep-dives, exclusive dealer training, and personalized demo sessions. With Hyperion, your next project isn't just ready for today—it's ready for whatever comes next.

# **AudioControl®**

AudioControl | [www.audiocontrolpro.com](http://www.audiocontrolpro.com) | 877-886-5112  
[info@avproglobal.com](mailto:info@avproglobal.com) | [orders@avproglobal.com](mailto:orders@avproglobal.com)

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