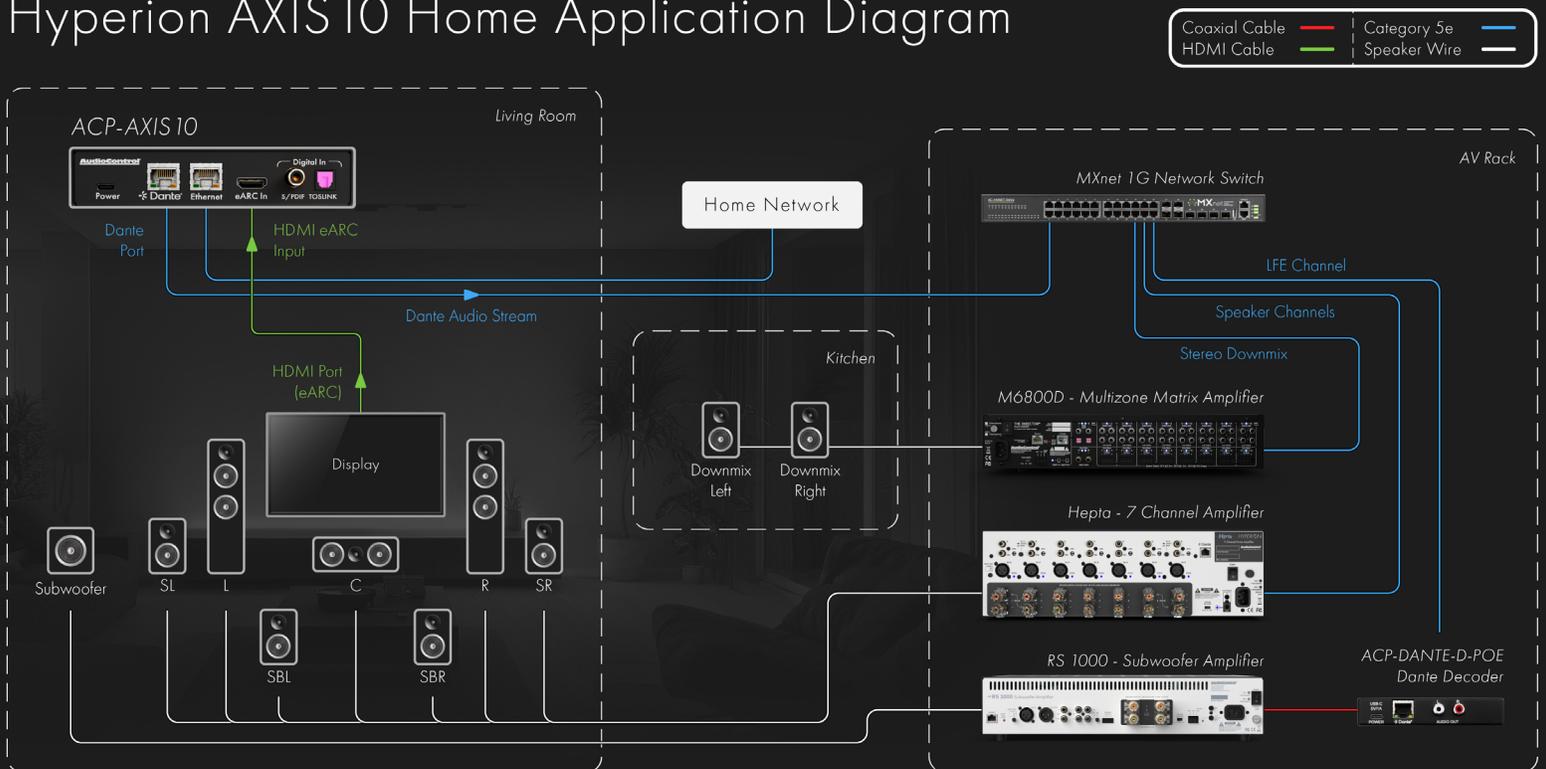# HYPERION

10-CHANNEL eARC AoIP PROCESSOR

ACP-AXIS 10

The Hyperion AXIS 10 is a multi-channel eARC audio processor designed to extract high-bitrate immersive Dolby Atmos & DTS-HD audio directly from a display and distribute it across Dante and AES67 networks. Purpose-built for extracting audio from smart displays and streaming apps, AXIS 10 enables immersive and multi-zone audio distribution without the need for a traditional AV receiver at the display location. Supporting up to 10 Dante/AES67 output channels which includes 8 discrete speaker feeds and a simultaneous stereo downmix, Axis 10 integrates seamlessly with Hyperion ecosystem of networked home theater and AoIP processors and amplifiers. An onboard DSP provides upmixing, speaker configuration, crossover management, delay, gain adjustment, and per-output EQ via an intuitive web-based interface.

With a compact form factor, PoE capability, and standards-based audio networking, AXIS 10 simplifies installation while delivering scalable performance for residential theaters, conference rooms, hospitality environments, and other display-centric AV applications.

Hyperion AXIS 10 Home Application Diagram

| Coaxial Cable | ▬▬ | Category 5e | ▬▬ |
| HDMI Cable | ▬▬ | Speaker Wire | ▬▬ |

Living Room

ACP-AXIS 10
- Power
- Dante
- Ethernet
- eARC In
- Digital In — S/PDIF TOSLINK

Dante Port

HDMI eARC Input

Home Network

AV Rack

MXnet 1G Network Switch

LFE Channel

Dante Audio Stream

Speaker Channels

Stereo Downmix

HDMI Port (eARC)

Kitchen

M6800D - Multizone Matrix Amplifier

Display

Downmix Left   Downmix Right

Hepta - 7 Channel Amplifier

Subwoofer   SL   L   C   R   SR

SBL   SBR

RS 1000 - Subwoofer Amplifier

ACP-DANTE-D-POE Dante Decoder

AudioControl®

Making Good Sound Great™

KEY FEATURES

- Processes 8-channels of Dolby/DTS to Dante/AES67
- Provides a dedicated stereo downmix output
- Web GUI for configuration and tuning
- Digital audio inputs with signal sense auto-switching
- Separate Dante/AES67 and control network connections

DISPLAY DRIVEN NETWORKED AUDIO

Axis 10 decodes and converts immersive Dolby Atmos and DTS-HD multi-channel audio into discrete Dante or AES67 network streams. This enables high-quality, object-based surround sound from a display to be distributed to Hyperion or Director series amplifiers, without requiring a traditional AV receiver at the source location.

DEDICATED STEREO DOWNMIX

In addition to the 8-channel distribution, Axis 10 simultaneously provides a stereo downmix over Dante or AES67. This allows immersive content to be routed to secondary zones for stereo applications while preserving the full multi-channel mix for the primary listening environment.

POWERFUL DSP TUNING

Axis 10 features an intuitive web-based interface for system configuration and audio tuning. Easily manage decoding modes, speaker configuration, EQ, crossover settings, delay, and output levels directly from a browser, streamlining setup and enabling precise system optimization without external software.

DIGITAL AUDIO INPUTS WITH SIGNAL-SENSE SWITCHING

In addition to eARC, Axis 10 includes digital coaxial and optical inputs with automatic signal detection. When audio is present on the digital input, the unit seamlessly switches sources, ensuring uninterrupted audio distribution and providing installation flexibility for a variety of source devices.

DEDICATED DANTE AND CONTROL CONNECTIONS

Dedicated network ports for audio transport and control provide greater system flexibility and network management. By separating Dante/AES67 audio traffic from control communication, Axis 10 supports cleaner network segmentation, improved reliability, and easier integration into structured enterprise AV infrastructures.

CEC VOLUME CONTROL

Axis series supports HDMI CEC pass-through volume control, allowing users to manage audio levels using the TV's native remote control. This enables seamless, unified operation without the need for additional remotes or control programming.

ACP-AXIS10 SPECIFICATIONS

AUDIO

Frequency Response	20 Hz to 20 kHz
Format	Dolby Atmos, DTS-HD, PCM
Supported Sample Rates	44.1kHz | 48kHz | 88.2kHz | 96kHz
Supported Bit Depths	16- | 24- | 32-bit
Channel Counts	Up to 8 channels of bitstream audio + 2-channel stereo downmix Speaker configurations up to: 5.1.2 or 7.1
Latency	Configurable: 1, 2, or 5 ms

CONNECTIONS

eARC	1x HDMI
Digital Audio	1x TOSLINK | 1x Coaxial
Dante/AES67	1x RJ45
TCP / Web UI	1x RJ45

POWER

PoE	802.3af PoE
DC Power	5 VDC 2 A (USB Type-C)
Avg. Consumption	~6W

WEIGHT & DIMENSIONS

Dimensions	5.75 (146 mm) x 4.375 (111 mm) x 1 (25.4 mm)
Weight	1 lb.

WEIGHT & DIMENSIONS

Operating Temperature	23°F (-5°C) to 125°F (51°C)
Storage Temperature	-4°F (-20°C) to 140°F (60°C)
Humidity Range	5% to 90% RH (no condensation)