

HYPERION



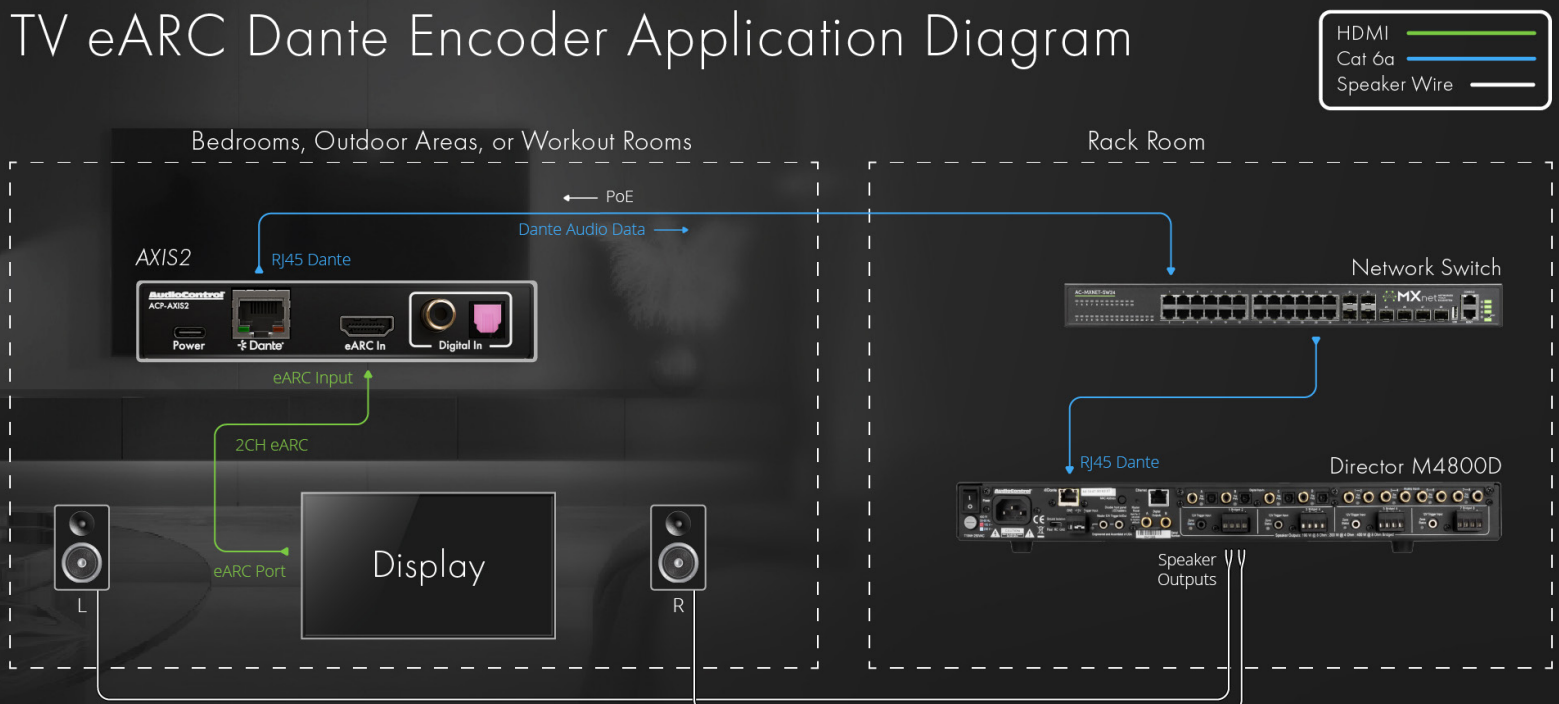
COMPACT DIGITAL eARC AoIP ENCODER ACP-AXIS2

The Hyperion AXIS2 is a 2-channel eARC audio encoder designed to extract high-bitrate PCM stereo audio directly from a display and distribute it across a Dante or AES67 network. AXIS2 is ideal for both residential and commercial applications such as conference spaces, classrooms and secondary residential zones. Whether you want to stream music to multiple rooms in your home, or extract audio from built-in conferencing/collaboration displays, AXIS2 allows you to do this quickly and easily.

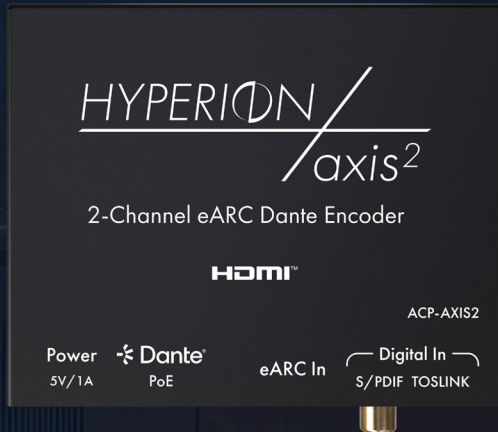
When paired with the Hyperion or Director ecosystem of amplifiers and signal processors, Axis2 becomes a powerful building block for scalable, high-performance networked audio systems.

Featuring a compact form factor, PoE capability, CEC volume control, and digital audio inputs with signal-sense switching, AXIS2 delivers flexible, reliable stereo audio distribution for modern display-driven AV installations.

TV eARC Dante Encoder Application Diagram



FLEXIBLE PERFORMANCE BEYOND THE THEATER



KEY FEATURES

- Converts 2 channel PCM to Dante or AES67
- Supports high-bitrate audio up to 96kHz
- Digital audio inputs with signal sense auto-switching
- CEC volume control

DISPLAY DRIVEN NETWORKED AUDIO

Axis2 converts stereo audio from a display into Dante or AES67 network streams, allowing you to share high-quality sound throughout a home or business. It makes it easy to connect display audio to distributed audio systems in remote locations.

HIGH-QUALITY AUDIO UP TO 96KHZ

With support for high-bitrate audio up to 96kHz, Axis2 preserves the clarity and detail of the original audio source. Whether streaming music or watching live content, you'll experience clean, accurate stereo audio across every connected zone.

DIGITAL AUDIO INPUTS WITH SIGNAL-SENSE SWITCHING

In addition to eARC, Axis2 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.

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-AXIS2 SPECIFICATIONS	
AUDIO	
Frequency Response	20 Hz to 20 kHz
Format	PCM
Supported Sample Rates	44.1kHz 48kHz 88.2kHz 96kHz
Supported Bit Depths	16- 24- 32-bit
Channel Counts	2 channels
Latency	Configurable: 1, 2 or 5ms
CONNECTIONS	
eARC	1x HDMI
Digital Audio	1x TOSLINK 1x Coaxial
Dante/AES67	1x RJ45 (PoE)
POWER	
PoE	802.3af PoE
DC Power	5 VDC 1 A (USB Type-C)
Avg. Consumption	~2W
WEIGHT & DIMENSIONS	
Dimensions	4.33 (110mm) x 3.78 (96mm) x 1 (25mm)
Weight	0.5 lbs.
ENVIRONMENTAL	
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)

