



C10 SMART PROCESSOR

Compact unit with signal processing, AVoIP audio channels, and control including connection to common computing and communications devices.

OVERVIEW

Signal processing, audio channels, and control all in a single unit.

As a bridge between IP networks and USB-equipped devices. C10 functions as a simple yet reliable way to get audio from USB sources on to networks with a plug and play experience that is easy to use and understand.

Equipped with 16 Dante transmit channels and 16 Dante receive channels, plus 2 channels of AEC (Acoustic Echo Cancellation) all at 96k quality.

Powered by POE, dual network connections on the unit makes them discoverable and configurable.

Control with Symetrix systems, third party devices, and personal devices.

KEY BENEFITS

Single Unit Solution

In addition to audio channels, C10 offers platform control, including third-party devices and advanced signal processing at 96k.

Bring Your Own Device

Incorporates user-supplied computers and other devices into audio systems.

System Control

With integrated web server functionality, the system can be controlled through an interface on a personal device. C10 can also be paired with TC- Series touchscreens and W-Series controllers. Control extends to various third-party devices.

Simple Use

Plug-and-play functionality provides easy training and operation for users.

Flexible Mounting

A versatile device that can be placed behind a display, mounted under a table, or mounted in a rack for deployment in any installation.

Advanced Processing

Provides high-quality audio signal processing and routing, including AEC for crystal-clear meetings.

PRIMARY CAPABILITIES

- 16 × 16 Dante channels
- 2 AEC channels
- 2 × 2 channels USB-C audio bridging
- 96 kHz / 24-bit signal processing
- Platform control
- Web server functionality for third-party control / personal device integration
- 2× 1Gb Ethernet ports
- 1 USB-C port (3.2)
- 1x GPI
- POE power or DC power that enables powering and charging of user devices to 50W
- Device sample rate conversion
- Surface or rack mounting- 1 RU height
- Configuration and management by Symetrix COGNIO DesignOps software



APPLICATIONS

- Business
- Education
- Government

COMMON USE CASES

- Run an entire room or other space with a single unit.
- Audio output from devices transmitting external conferencing audio into rooms.
- Efficient distribution of audio signals from devices to amplifiers, speakers and external locations.
- Acoustic Echo Cancellation applied for hybrid meetings and rooms.
- Synchronization with user devices for control of volume, call status, answer, and hang-up calls.
- Integration of audio from devices to audio systems for playback, music, cues, or announcements.
- Supports recording and playback workflows interconnecting computers for storing and logging audio.



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