



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 up to 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 W3C controller. 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 transmit and receive Dante channels
- 2 AEC channels
- 2×2 USB-C Audio Bridging with HID Sync
- 48 kHz/96 kHz, 24-bit Open Architecture Signal Processing
- USB-C port (3.2)
- 2× 1Gb Ethernet ports
- GPI port
- Run multiple independent Signal Flow Spaces on a single system
- Extensive control options via Symetrix Cognio DesignOps control screens, TC Series touchscreens, WC Series remotes, and TCP/UDP
- Web server for third party control and personal device integration
- Third-party control via extensive driver library and custom Lua scripting
- External Control using JSON-RPC
- POE+ power
- Optional DC power enables 50W charging of user devices
- Surface or VESA mounting hardware included
- Rack mounted with optional accessory



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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