



# Audio Server



The Audio Server is a repackaged commercial off-the-shelf (COTS) Digital Audio Network Server that provides automatic mixing, gain control, gating, and acoustic echo cancellation for VTC headsets and a CODEC. Multiple CODEC interface configurations are possible.

The repackaging facilitates connector compatibility with existing aircraft architecture, meets the constraints of a 19" rack installation, and retains all controls and indicators from the COTS device.

The Audio Server has fully automatic function and requires no user interaction.

The Audio Server is designed to be paired with the VTC Audio Interface Panel. (Note that CSI's POE Switch is also required to power the VTC Audio Interface Panels and interface them to the Audio Server.)

## Features

- MIL-DTL-38999 Series III connectors
- EIA-310 compliant
- Front-panel handles
- Fans oriented for front-to-back airflow



## Specifications

- Power Input Voltage: 115VAC 60Hz
- Max Current Draw: 0.66A
- Max Power Dissipation: 76W

## Indicators

- Display (host name and IP address)
- MAC addresses
- Configuration details
- Other device, network, and system information
- Up/Down/Select buttons
- Alarm and status LEDs

## Dimensions

5.22" H x 19" W x 28.9" D

## Weight

25 lbs. max (22 lbs. typical)

## Environmentally Qualified to the Following Standards

- Crash Safety – RTCA DO-160G, Section 7
- Fire and Flammability – RTCA DO-160G, Table 26-2
- Rapid Decompression – RTCA DO-160G, Section 4.6.2, Category A1
- Explosive Conditions – RTCA DO-160G, Section 9.6.2, Category E

