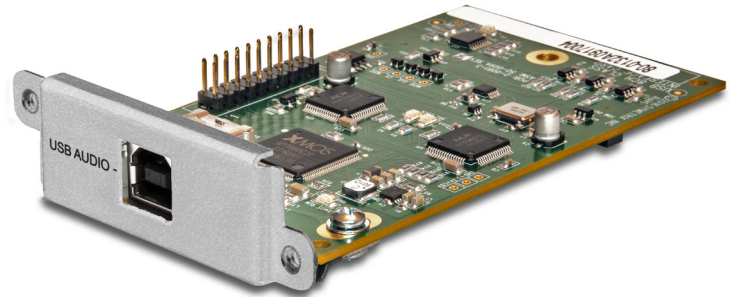


The USB Audio Card is a plug-in card for Symetrix Radius and Edge DSPs. Easily configured with Composer software, it provides effortless integration with popular courtroom recording, transcription, and archival systems, soft codec and cloud meeting platforms for conferencing, and popular computer-based multi-track recording packages.

Features

- Adds up to 16 channels of USB audio I/O to a Radius DSP, or up to 64 channels to an Edge DSP, bridging computer-based soft codecs or recording and playback software to the expansive Dante™ network audio ecosystem.
- Multiple distinct modes of operation including two speakerphone modes for conferencing, along with a 2x2 and 8x8 line I/O mode for multitrack recording and playback.
- Speakerphone and 2x2 line modes are class 1 USB (driverless) for quick and problem free plug-and-play connectivity and provide the ability to utilize a soft codec's AEC or disable it in favor of Symetrix' award-winning AEC.
- 8x8 line I/O mode utilizes Class 2 USB. Windows drivers are included.
- A high-retention Type B USB connection provides a robust and standard direct connection between the DSP and computer.



Specifications

| USB | |
|---------------|---|
| Interface | 2.0 |
| Class | Audio Device Class 1.0 and 2.0. |
| Mode | Speakerphone (disable Computer AEC) 1x1, Speakerphone (allow Computer AEC) 1x1, Line 2x2, or Line 8x8 |
| Connector | One (1) high-retention Type B female. |
| PERFORMANCE | |
| Sample Rate | Internally 48 kHz. Externally, 48 KHz in legacy modes (speakerphones, 2x2), 16 KHz to 96 KHz in 8x8 mode. |
| Bit Depth | 16-bit in legacy modes (speakerphones, 2x2), 16 or 24-bit in 8x8 mode. |
| Environmental | Environmental specifications same as hosting unit. |
| USER CONTROL | |
| Inputs | Gain, Invert, Mute, Meter, Channel Name. |
| USB Status | Connected, Streaming (Active). |
| Outputs | Gain, Mute, Meter, Channel Name. |

Mechanical Specifications

| Items | Specifications | Remarks |
|------------------------------|---|---|
| Shipping Weight | 1 lbs. (0.45 kg) | |
| Certifications or Compliance | EN 55103-1, EN 55103-2, FCC Part 15, RoHS. | |
| Form Factor | Standard Symetrix DSP I/O card form factor. | |
| What Ships in the Box | Symetrix I/O card, card bracket, 2 black 4-40 Phillips head screws, 3 stainless steel 4-40 Phillips head screws, a quick start guide. | Field swappable by certified technicians. |

Architect and Engineer Specifications: USB Audio Card.

The device shall provide a USB audio interface to EDGE, RADIUS AEC or RADIUS 12x8 EX frames with up to 16 to 64 channels in four configurable modes of operation: Speakerphone (disable Computer AEC) 1x1, Speakerphone (allow Computer AEC) 1x1, Line 2x2 (all Class 1), or Line 8x8 (Class 2). Up to four of these devices may be installed in a single EDGE frame for up to 64 channels and up to one of these devices may be installed in a single RADIUS AEC or RADIUS 12x8 EX for up to 16 channels. USB connection shall be accessible via a rear panel Type B high-retention connector. Interface configuration is via the provided designer software application that operates on a Windows computer, with network interface installed, running Windows® 7 or higher operating system. Computer connection for configuration shall be via the hosting device's rear panel Ethernet connector.

The device shall comply with CE and FCC Part 15 emissions limits. The device shall be RoHS and WEEE compliant and carry a three-year manufacturer's warranty. The mounting plate shall be constructed of cold rolled steel, and mount into a Symetrix EDGE, RADIUS AEC, or RADIUS 12x8 EX frame expansion card slot. The device shall be a **Symetrix USB Audio Card**.

