

AxC-MADI interface card

A solution for transmitting up to 2x64 channels to MADI devices

AxC-MADI offers a convenient, reliable and flexible solution for the transmission of up to 2x64 channels between two devices. Just as every AxC card within the Audio ToolBox range, the **AxC-MADI** can equally be used in **AVBx3** or **AVBx7** platforms.

Used with an AuviTran Audio ToolBox platform, AxC-MADI card provides the cost effective and efficient gateway to MADI connected devices.

Key Features

MADI interface on both **optical** and **coaxial connectors**

64 or 56 channels modes supported

Audio **24 bits**, at 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz

Remote management with AVS-Monitor software

Dedicated **control page** for monitoring and controlling all the card parameters



Audio ToolBox Platform Overview

Smart, expandable and sustainable: meet AuviTran's versatile and flexible platforms bringing convergence among network technologies and audio interfaces.

With two 19" rack chassis **AVBx3** and **AVBx7** both available in StageBox or Installation modes, plus 20 interface cards, build the configuration you need.

AVBx3 as Installation Mode



AVBx7 as StageBox Mode



AxC-MADI Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-MADI card opens exciting possibilities to the professional audio systems:

MADI/other protocols bridges, with many connectivity possibilities

MADI based stage boxes, in combination with the high performance AxC-AX4M high class mic/line preamps cards

AxC-MADI card can be inserted in an AVBx3 rack for two kinds of applications:

Live applications (AVBx3/7 in Stage-box mode): MADI audio StageBoxes,

Fixed installations (AVBx3/7 in Installation mode): MADI connected audio systems, Broadcast centres and installation

AVS-Monitor Software Control Page



Technical Specifications

General

Power supply

+12V / +3.3V - Through AuviTran Audio ToolBox backplane

Temp/Humidity

Storage: - 5°C to 70°C / 0% to 95% (non-condensing)

Operating: 0°C to 50°C / 5% to 90% (non-condensing)

Audio Inputs and Outputs

Number of I/O

Up to 64 digital inputs/outputs routed through the AuviTran Audio ToolBox backplane to the other cards of the AuviTran Audio ToolBox range.

Audio Specifications

Sampling Frequency

44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz

Resolution

24 bits

Input Specification

MADI 56 / 64 channels mode S-Mux or Multiple Rate

Control and Monitoring Environment

Audio ToolBox Platform

AxC-MADI is one the cards for the AuviTran Audio ToolBox platform.

AVS-Monitor

AVS-Monitor is a free Windows software that allows for the remote control and monitoring of all AuviTran devices, including all the AxC cards, as well as some Digigram PCIe interfaces cards.

Note that the routing on each AoIP network must be configured from the appropriate applications (Dante Controller, Hive, Milan Manager, Anemann, etc.).

OS Supported

Windows 10/11

Mechanical Specifications

200 x 100 x 40 mm: AuviTran Audio ToolBox platform AxC card format

Part Number

AxC-MADI

AuviTran Audio ToolBox MADI interface card