

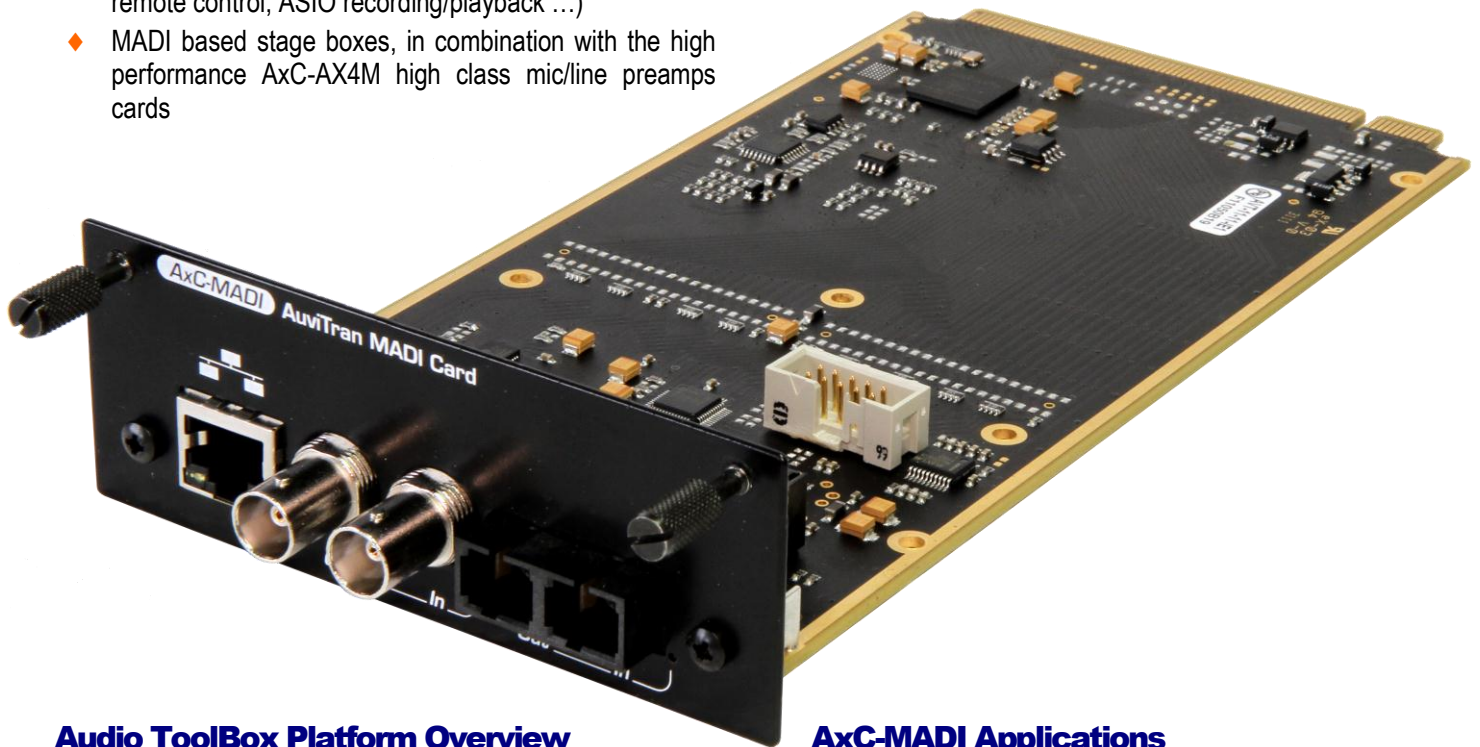
AxC-MADI Overview

MADI offers a convenient and popular solution for transmission of up to 2x64 channels between two devices.

AxC-MADI card provides to the AuviTran Audio ToolBox platform a cost effective gateway to MADI connected devices.

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

- ◆ EtherSound ES100 – MADI bridges, with unique connectivity possibilities (dynamic patching solution, remote control, ASIO recording/playback ...)
- ◆ MADI based stage boxes, in combination with the high performance AxC-AX4M high class mic/line preamps cards



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 ESMonitor software
- Dedicated control page for monitoring and controlling all the card parameters

Mechanical Specifications

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

Audio ToolBox Platform Overview

AuviTran Audio ToolBox is a modular audio platform giving access to a large variety of professional audio networked configurations.

With a 19" rack chassis and many audio interface cards, you can build the configuration you need.

AVBx3 is the first AuviTran Audio ToolBox platform. It is a 19 inches rack (1U) chassis, providing three slots for AuviTran AxC interface cards.

The AVBx3 integrates an audio backplane and matrix connecting all inputs / outputs (physical and network).

Many AxC cards are already available for answering to a wide range of applications.



AxC-MADI Applications

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

- Live applications (AVBx3 in Stage-box mode)



- ◆ MADI audio stageboxes
- ◆ MADI - EtherSound bridges

- Fixed installations (AVBx3 in Installation mode)



- ◆ MADI connected audio systems
- ◆ Broadcast center and installation

ESMonitor Software control page



Technical Specifications

General	
Size	200 mm x 100 mm x 40 mm – Format AuviTran Audio ToolBox platform cards
Power Supply	+12V / +3.3V - Through AuviTran Audio ToolBox backplane
Storage: Temp / Humidity	- 5°C to 70°C / 0% to 95% (non-condensing)
Operating: Temp / Humidity	0°C to 50°C / 5% to 90% (non-condensing)
Connectors	2 x BNC and 2 x SC Optical connectors
Audio Inputs	
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 Inputs Specifications	
Sampling Frequency	44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz
A/D resolution	24 bits
Input specification	MADI 56 / 64 channels mode S-Mux or Multiple Rate
Integration Environment	
Audio ToolBox platform	AxC-MADI is one the cards for the AuviTran Audio ToolBox platform
AVS-ESMonitor	AVS-ESMonitor enables to remotely set, control and monitor an EtherSound network and provides enhanced control pages to manage the AxC-MADI card specific parameters.
OS Supported	Windows Seven/Vista/XP for 32 or 64 bit versions

Version 1.00 – March 2012

Part number

AxC-MADI AuviTran Audio ToolBox MADI interface card