AxC-MADI/SFP Overview

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

Coupled to an AuviTran Audio ToolBox platform, AxC-MADI/SFP card provides the cost-effective gateway to MADI connected devices with the possibility to choose the optical transmission between multimode and monomode thanks to SFP cage.

Key Features

- MADI interface on both SFP (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 14 interface cards, build the configuration you need.

AVBx3 as Installation mode

AVBx7 as StageBox mode

Mechanical Specifications

200 x 100 x 40 mm: AuviTran Audio ToolBox platform AxC card format.
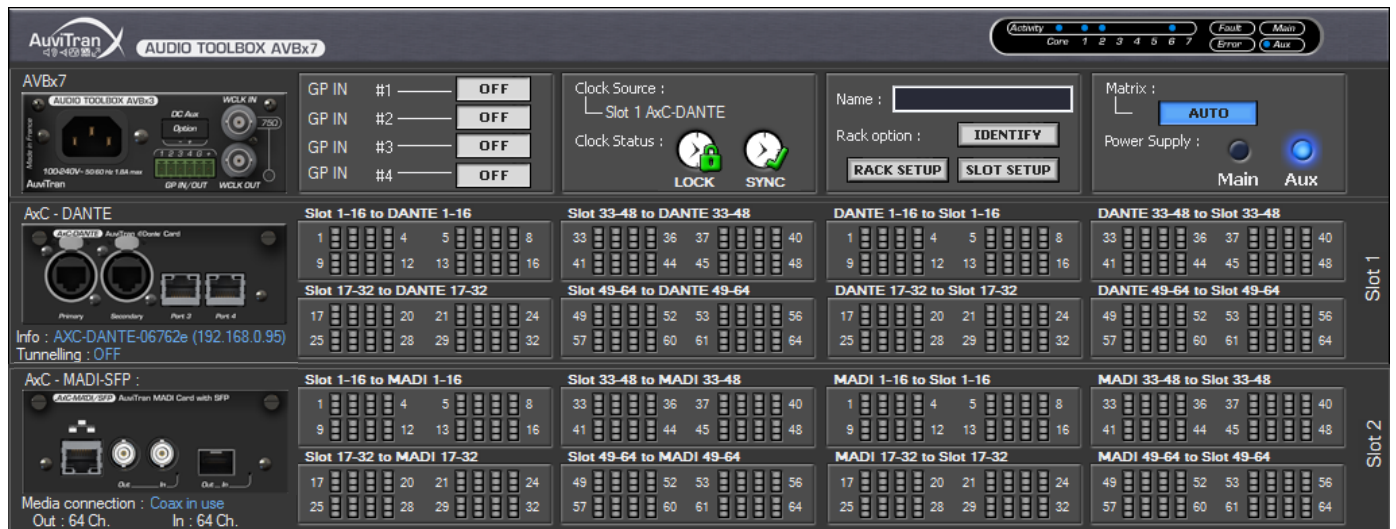
AxC-MADI/SFP Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-MADI/SFP card opens exciting very powerful and flexible possibilities to the professional audio systems:

- ♦ Dante-MADI 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/SFP card can be inserted in an AVBx3/7 rack for many applications:

- Live applications (AVBx3/7 in Stage-box mode)
  - ♦ MADI audio StageBoxes
  - ♦ MADI Dante bridges
  - ♦ MADI EtherSound bridges
- Fixed installations (AVBx3/7 in Installation mode)
  - ♦ MADI connected audio systems
  - ♦ Broadcast centres and installation

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AVS-Monitor Software control page

Technical Specifications

General	
Size	200 mm x 100 mm x 40 mm —AuviTran Audio ToolBox platform cards format
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)

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 / 57 / 64 channels mode S-Mux or Multiple Rate

Integration Environment	
Audio ToolBox platform	AxC-MADI/SFP is one the cards for the AuviTran Audio ToolBox platform
AVS-Monitor	AVS-Monitor enables to remotely set, control and monitor an EtherSound network and provides enhanced control pages to manage the AxC-MADI/SFP card specific parameters.
OS Supported	Windows 10/8/Seven/Vista/XP for 32 or 64 bit versions

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Part number

AxC-MADI/SFP   AuviTran Audio ToolBox MADI interface card with SFP cage

AxP-FX   Optional SFP module with LC connector for Multimode Optical Fibbers

AxP-LX   Optional SFP module with LC connector for Monomode Optical Fibbers