AxC-AX4M

4 high class mic/line preamp inputs card for AuviTran Audio ToolBox

AxC-AX4M Overview

Just as every AxC card within the Audio ToolBox range, the AxC-AX4M can equally be used in AVBx3 or AVBx7 platforms.

Using one slot of either ToolBox, the AxC-AX4M provides four high–end analog inputs (both line and microphone level) with professional XLR connectors for the AuviTran Audio ToolBox platform.

Key Features

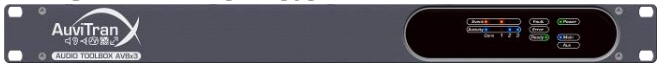
- 4 microphone / line high performance preamps inputs card
- 4 high quality balanced inputs with high class preamps
  - Input sensibility +24 dBu to -55 dBu
  - Analog gain range : 0 to +79 dB (0.5 dB step)
  - E.I.N. @ (Rs=150Ω G=+55dB) : -127 dBu
  - Dynamic range (line level) > 115 dB (Aweighted)
  - THD +N (line level) < -101 dB
- Phantom power +48V, individually controllable for each input
- Professional XLR female connectors
- Remote management with AVS-Monitor software through the EtherSound Network.
- Dedicated control page for monitoring and controlling all the card parameters (gain, phantom power on each channel, preamp values, vu-meter)

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-AX4M Applications

- Featuring four high performance microphones and line pre-amplification, high class AD converter chips and excellent circuit design, the AxC-AX4M card sets a new quality/price ratio standard for professional applications.
- A linear 0.5 dB step digital attenuator/gain gives access to an input sensibility from -55 dBu to +24 dBu.
- +48V phantom power activation per channel, preamp value setting, attenuation/gain setting and vu-meter can be monitored and controlled individually per channel via network for a remote management from virtually anywhere.
- All individual gains and +48V phantom power activation remote controls are manageable by Yamaha HA remote protocol enabling direct control and monitoring from Yamaha console/mixer.
- Up to two AxC-AX4M cards can be inserted in an AVBx3-ES100 for live applications (concerts, recording, broadcast) or fixed installations (stadiums, concert halls, theatres).

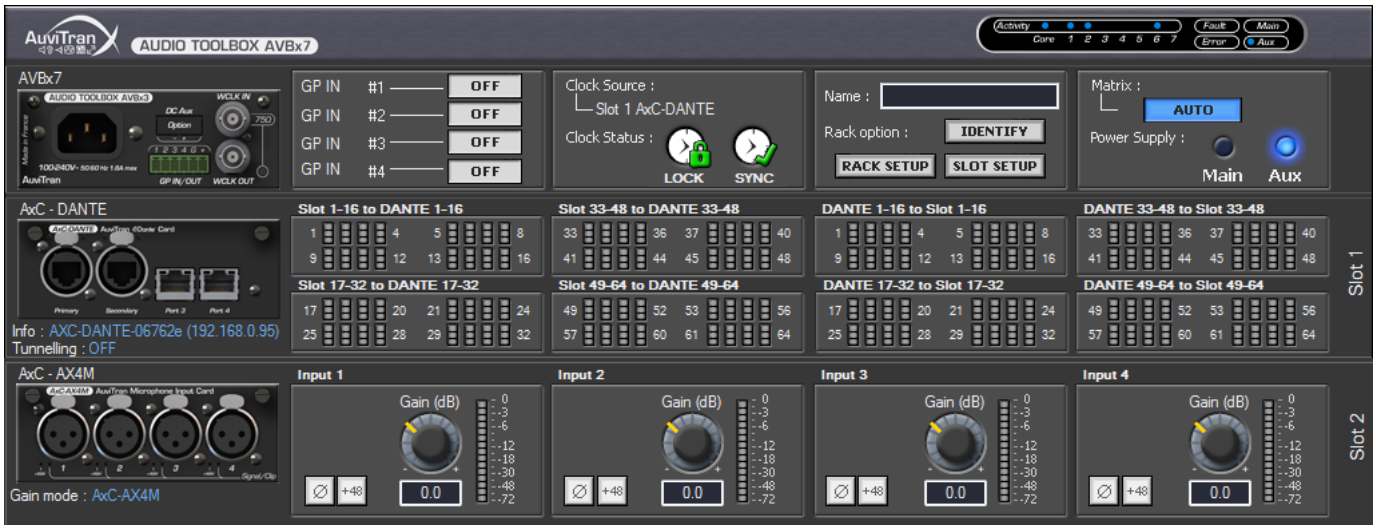
AuviTran - 7c chemin des prés - F38240 Meylan – France www.auvitran.com

AuviTran

AxC-AX4M

4 high class mic/line preamp inputs card for AuviTran Audio Toolbox

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)	
Connectors	4 x female XLR connectors	
Audio Inputs		
Number of i/o	Up to 4 analog inputs routed through the AuviTran Audio ToolBox backplane to the other cards	
Audio Inputs Specifications		
Sampling Frequency	44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz	
A/D resolution	24 bits	
Input specification	Balanced analog on XLR connectors	
Input maximum level	+24 dBu	
Audio Inputs MIC / Line Technical Specifications		
Analog Gain Range	0 to +79 dB (0.5 dB step)	
Input sensibility	+24 dBu to -55 dBu	
Input Impedance	2,7 kΩ (differential)	
E.I.N. @ (Rs=150Ω G=+55dB)	-127 dBu	(fs=48KHz & BW 22KHz)
Dynamic Range	> 115 dB A-weighted (> 112.5 dB un-weighted)	(fs=48KHz & BW 22KHz)
THD+N (1KHz / G=0dB or G=+25dB)	< -101 dB	(fs=48KHz & BW 22KHz)
Frequency response	20Hz – 20kHz (-0,3 / 0 dB)	
Phantom Power	+48 V (individually controllable for each channel)	
Integration Environment		
Audio ToolBox platform	AxC-A4XM 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-A4XM card specific parameters.	
OS Supported	Windows Seven/Vista/XP for 32 or 64 bit versions	

V1-092014

Part number

AxC-AX4M	AuviTran Audio ToolBox 4 mic/line inputs card with XLR connectors

AuviTran - 7c chemin des prés - F38240 Meylan – France www.auvitran.com