

AxC-AX4I Overview

Just as every AxC card within the Audio ToolBox range, the AxC-AE8IO can equally be used in AVBx3 or AVBx7 platforms. This four channels high-end analog input AxC card with XLR connectors combines high-performance AD converter chips with an excellent circuit design in a format of one AxC card.



Key Features

- 4 high quality balanced inputs with Dynamic range > 115 dB (A-weighted) and THD +N < -100 dB
- Professional XLR female connectors
- Remote management with AVS-Monitor software through the EtherSound Network.
- Dedicated control page for monitoring and controlling all the card's parameters
- Individual gain control of each input
- Attenuation-gain setting and vu-meter monitored and individually controlled per channel via network for a remote management from virtually anywhere
- AD conversion for high-end audio professional applications.
- A 0.5 dB step digital attenuator/gains from -115dB to +12dB and two hardware reference level pads of +10 dBu or +24 dBu fully controllable via software. It enables fine level calibration for addressing a large kind of applications in professional audio systems.

Mechanical Specifications

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

AxC-AX4I Applications

Up to two AxC-AX4I cards can be inserted in an AVBx3-ES100 for several kinds of applications:

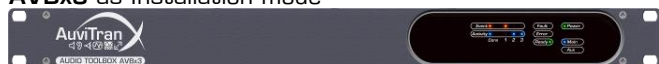
- Live applications (AVBx3 in Stage-box mode)
 - ◆ Live concerts and recording
 - ◆ Live broadcast studios and OB Vans
 - ◆ Recording studios...
- Fixed installations (AVBx3 in Installation mode)
 - ◆ Stadiums, concert halls
 - ◆ Theatres, bars, pubs discos

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.

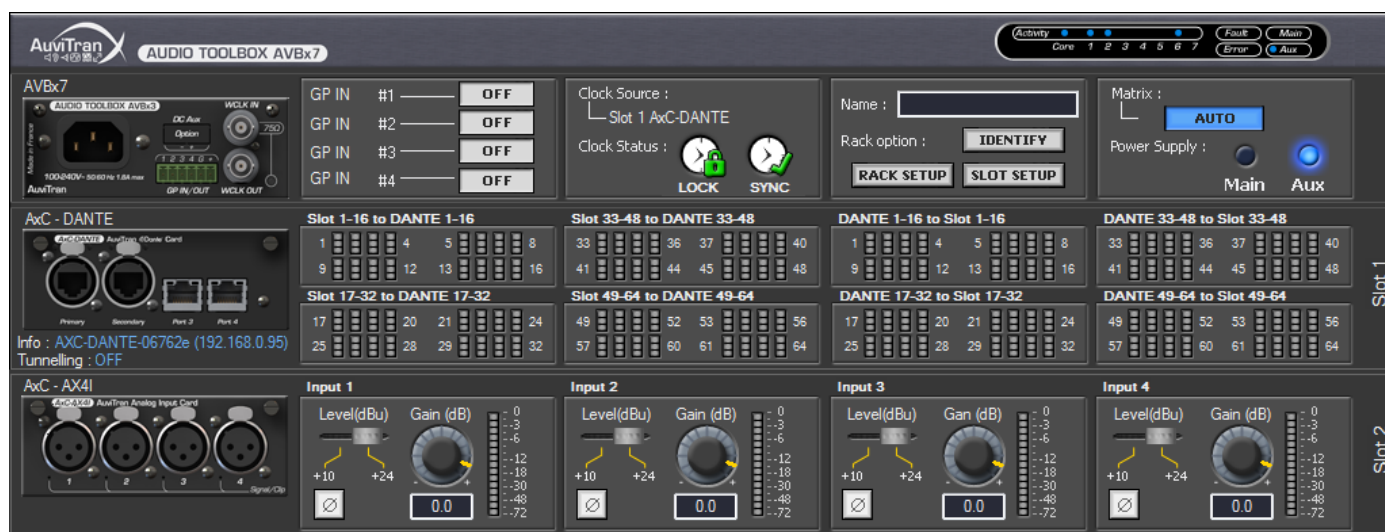
AVBx3 as Installation mode



AVBx7 as StageBox mode



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
Frequency response	20Hz – 20kHz (± 0.1dB)
Dynamic Range (BW 22KHz)	>115 dB A-weighted (> 112 dB un-weighted)
THD+N (1KHz / BW 22KHz)	< -100 dB
Input specification	Balanced analog on XLR connectors , 10kΩ Input Impedance (differential)
Input level pad for 0dBfs	+24dBu or +10dBu configurable by software via network
Input volume control	+10dB to -115dB with 0.5 dB step digital control by software via network with click and plop free management
Input phase	Phase inversion configurable by software via network
Integration Environment	
Audio ToolBox platform	AxC-A4XI 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-A4XI card specific parameters.
OS Supported	Windows Seven/Vista/XP for 32 or 64 bit versions

Part number

AxC-AX4I AuviTran Audio ToolBox 4 analog line inputs card with XLR connectors