

AxC-AX4I interface card

A high-performance, high-end 4-channel analog input card with XLR connectors

Just as every AxC card within the Audio ToolBox range, the **AxC-AX4I** 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

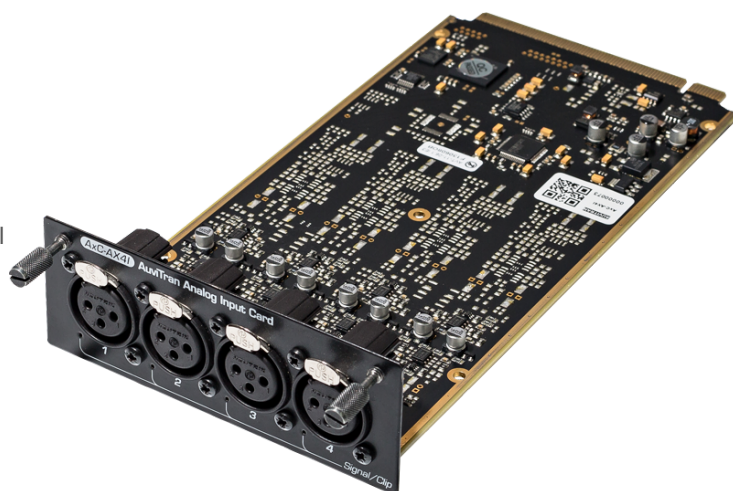
Dedicated **control page** for monitoring and controlling all the card's parameters

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.



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



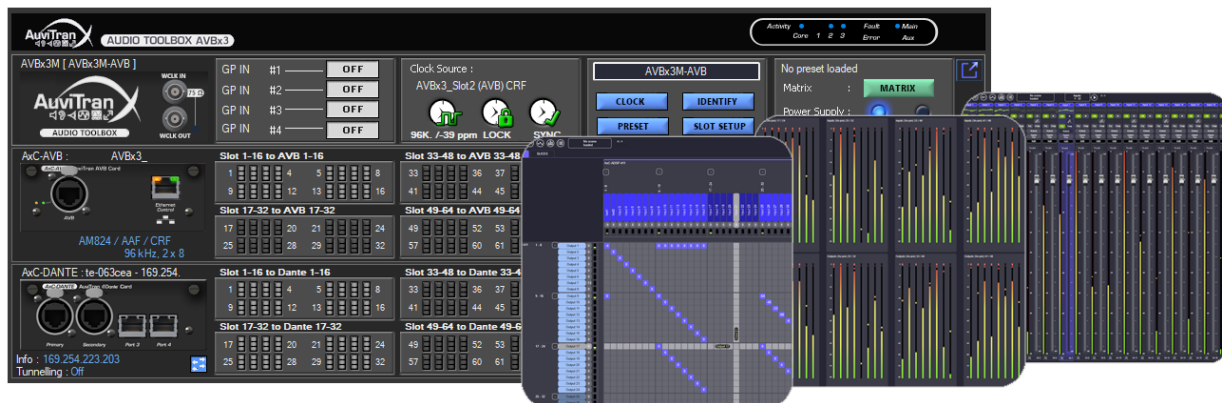
AxC-AX4I Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-AX4I card opens exciting possibilities to professional audio systems.

Live applications (AVBx3/7 in Stage-box mode): live concerts and recording, live broadcast studios and OB Vans, recording studios...

Fixed installations (AVBx3/7 in Installation mode): stadiums, concert halls, theatres, bars, pubs discos

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)

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

Control and Monitoring Environment

Audio ToolBox Platform

AxC-A4XI 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-AX4I

AuviTran Audio ToolBox 4 analog line inputs card with XLR connectors