

AxC-DX8I interface card

4 AES/EBU Stereo Digital Inputs interface card for AuviTran Audio ToolBox

Just as every AxC card within the Audio ToolBox range, the **AxC-DX8I** can equally be used in **AVBx3** or **AVBx7** platforms.

AxC-DX8I features four stereo AES/EBU digital inputs on XLR connectors.

All inputs can be individually used with on board high precision "SRC" (Sample Rate Converter) for solving multi sampling rate input frequencies and synchronisation issues.

Key Features

Features **4 stereo AES/EBU** digital inputs

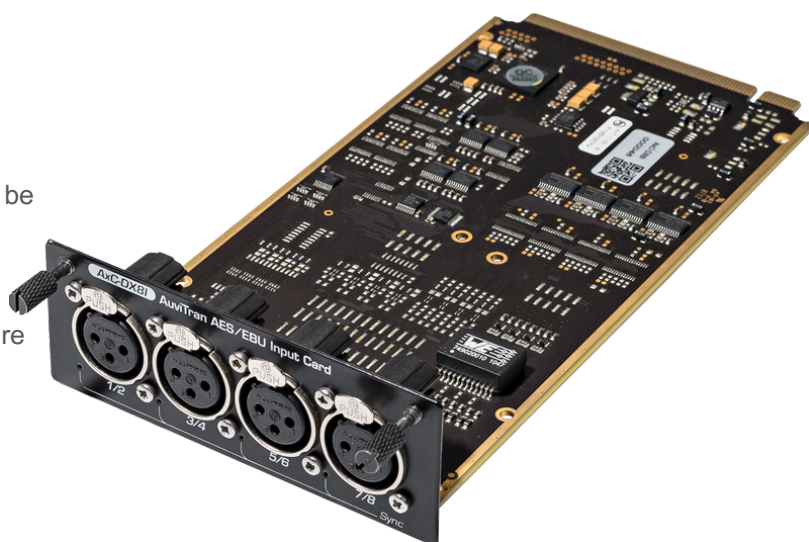
Female **XLR** connectors

High performance SRC for each input that can be set individually on/off

Clock synchronization on each AES input

Remote management with AVS-Monitor software

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



Audio ToolBox Platform Overview

Smart, expandable and sustainable: meet AuviTran's versatile and flexible platforms bringing interoperability 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 Installation Mode



AVBx7 StageBox Mode



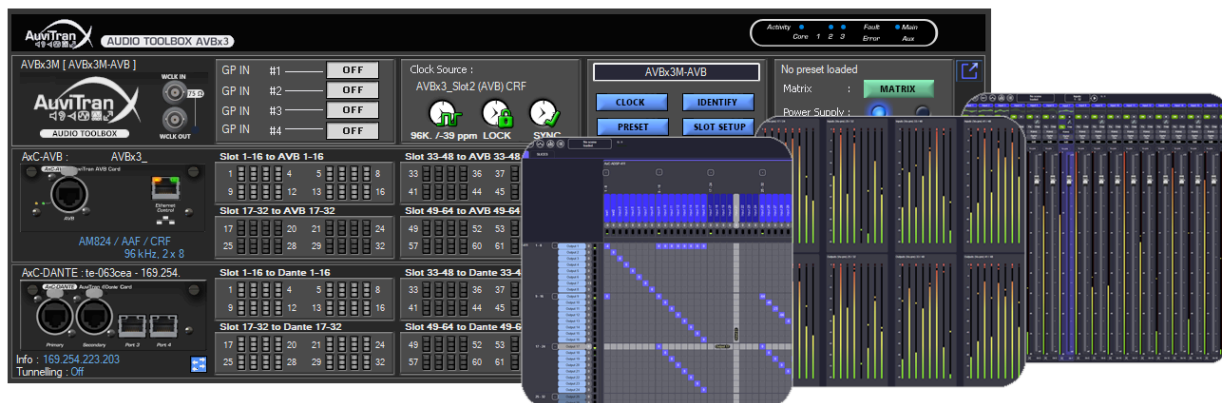
AxC-DX8I Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-DX8I and AXC-DX8O cards open exciting possibilities to the professional audio systems.

Live applications (AVBx3/7 in StageBox 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 for the AxC-DX8I card

Audio Inputs

Number of Inputs

4 Stereo AES/EBU digital inputs routed through the AuviTran Audio ToolBox backplane from other cards

Audio Inputs Specifications

Sampling Frequency

44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz

Sampling Resolution

24 bits

Input Impedance

110Ω

Input Specification

AES transformer balanced on XLR Female connectors

Clock Synchro Sources

All AES inputs

SRC (Sample Rate Converter)

Asynchronous SRC available on each input (individually on / off)

SRC Specifications

-140dB THD+N

Frequency Range 8 kHz - 192 kHz

Control and Monitoring Environment

Audio ToolBox Platform

AxC-DX8I is a card 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-DX8I

AuviTran Audio ToolBox card with 4 AES/EBU stereo inputs on XLR connectors