AxC-DS32IO Overview

Just as every AxC card within the Audio ToolBox range, the AxC-DS32IO can equally be used in AVBx3 or AVBx7 platforms.

The AxC-DS32IO provides high count AES/EBU digital inputs and outputs interface to the AuviTran Audio ToolBox platform.
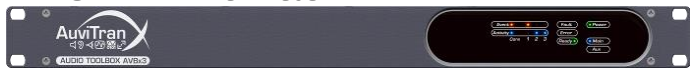
Key Features

■ Up to 8 stereo AES/EBU digital inputs and 8 stereo AES/EBU digital outputs on two D-Sub 25 pins connectors (4 stereo AES/EBU digital inputs and 4 stereo AES/EBU digital outputs on each D-Sub connector)

■ High performance Sample Rate Converter available on each input (individually on/off) for solving multi sampling rate input frequencies and synchronisation issues.

■ Clock Synchronization on each AES input

■ 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

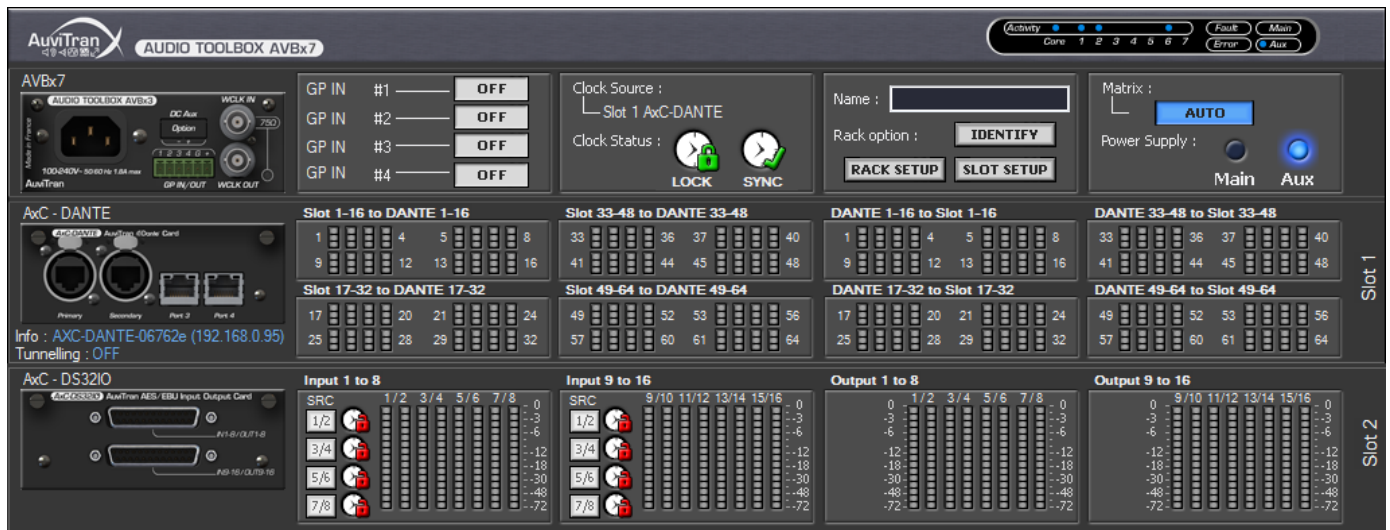200 x 100 x 40 mm: AuviTran Audio ToolBox platform AxC card format

AxC-DS32IO Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-DS32IO card opens exciting possibilities to professional audio systems

Up to two AxC-DS32IO cards can be inserted in an AVBx3 for several kinds of applications:

■ Live applications (AVBx3 in Stage-box mode)
  ♦ Live concerts, live broadcast studios and OB Vans
  ♦ Recording interface to Digital Audio Workstation (ProTools™ or equivalent)

■ Fixed installations (AVBx3 in Installation mode)
  ♦ Recording interface to Digital Audio Workstation (ProTools™ or equivalent)

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	2 x Female DB25 connectors (4 Stereo AES/EBU inputs and 4 Stereo AES/EBU Outputs on each DB25)

Audio Inputs

Number of inputs	16 Stereo AES/EBU digital inputs routed through the AuviTran Audio ToolBox backplane from the 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 balanced
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

Audio Outputs

Number of outputs	16 AES/EBU Stereo digital outputs routed through the AuviTran Audio ToolBox backplane from the other cards

Control and monitoring Environment

Audio ToolBox platform	AxC-DS32IO 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-DS32IO card specific parameters.
OS Supported	Windows 10/8/7 for 32 or 64 bit versions

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Part number

AxC-DS32IO	AuviTran Audio ToolBox card for 32 mono AES/EBU digital inputs and 32 mono AES/EBU digital outputs on D-Sub connectors

AuviTran

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