

# Product Shee

# AxC-AS160 interface card

16 High Density Analog Output card for AuviTran Audio **ToolBox** 

Like all other cards within the Audio ToolBox range, the AxC-AS166 can be used in either the AVBx7 or AVBx3 platforms.

16 channels of high-density analog output AxC cards with DB-25 connectors combining high performance DA converter chips in an incredible compact size for high-end audio professional applications

## Key Features

16 high quality balanced outputs with Dynamic range > 112 dB and THD+N <-90 dB

Remote management with AVS-Monitor software

Individual gain control of each output

An internal smart design that reduces loud noises during start-up and shutdown, meeting the usage constraints of high-power sound reinforcement systems

A 0.5 dB step digital attenuation-gain, all fully controllable via software to enable fine tuning for addressing a large kind of applications in professional audio systems.

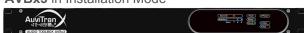
2 Sub-DB25 female connectors



### Audio ToolBox Platform Overview

Smart, expandable, and sustainable: meet AuviTran's versatile and flexible platforms that brings convergence among network technologies and audio interfaces. With two 19" rack chassis AVBx7 and AVBx3 both available in StageBox or Installation modes, plus 20 interface cards, build the configuration you need.

AVBx3 in Installation Mode



### AVBx7 in StageBox Mode



# AxC-AS16o Applications

Suitable for all professional applications that request large numbers of high-quality analog outputs with a reduced size:

Featuring extensive capacity of high performance analog line output, high class DA converter chips and excellent circuit design

These cards set a new quality, price, density ratio standards for professional audio applications

Dedicated control page for monitoring and controlling all the card parameters (gain, mute, phase, level on each channel, vumeter)

Attenuation/gain settings and vu-meter can be controlled and monitored individually per channel via network for a remote management from virtually anywhere using AVS-Monitor via IP, Dante, AVB or **EtherSound Networks** 

# 16 High Density Analog output card for AuviTran Audio ToolBox

# 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

2x female DB25 connectors with Yamaha Pinout

Optional: DB25 to Euro-Block plug available

### Audio Outputs

### **Number of outputs**

16 analog outputs through the AuviTran Audio ToolBox backplane from the other cards.

### Audio Outputs Specifications

### Sampling Frequency

44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz

### Sampling Resolution

24 bits

### **Output Impedance**

 $< 100\Omega$  differential

### **Output Specification**

Balanced on DB-25 connectors

### **Output Level Pad for 0dBfs**

+24dBu or +10dBu configurable by software via network

### **Output Volume Control**

+10dB to -115dB with 0.5 dB step digital control by software via network with click and plop free management. Digital automatic mute @ zero-data with plop-free output mute

### **Output Phase**

Phase inversion configurable by software via network

### Control and Monitoring Environment

### Audio ToolBox Platform

AxC-AS16o are high density output 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-AS16o

AuviTran 16 high density analog outputs card with 2x Sub-DB25 female connectors

#### AxP-DSX8M

Optional cable with Sub-DB-25 to 8x male XLR3 for AxC-AS160 card

### AxP-S8E

Optional Sub-DB-25 male plug towards

8x 3-pole Euroblocks