AxC-AVB Overview

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

Using only one slot in the ToolBox, the AxC-AVB can link the AVB network and any other audio or network connections of the rack.

The AxC-AVB card provides a powerful and cost-effective gateway between AVB devices to other audio interfaces or different Audio Networks.

AVB MILAN compatible features

- Stream formats supported:
  - AAF,
  - CRF,
  - IEC61883-6 (AM824)

- Clock synchronization capability:
  - CRF,
  - Stream

- Audio Streams and Channels capacities:
  - 4 streams of 8 channels @ 48Khz
  - 2 streams of 8 channels @ 96 kHz

Mechanical Specifications

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

Key Features

- One EtherCon connector for Audio and remote-control connection over AVB network
- One Ethernet RJ45 connector for remote control over standard IP/Ethernet network
- Remote management with AVS-Monitor or via UDP/IP for sub party remote control

Applications: Connect your AVB devices to any other audio network or audio interfaces
AVS-Monitor and AVB 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
- **Temp / Humidity**: Storage: -5°C to 70°C / 0% to 95% (non-condensing)
  Operating: 0°C to 50°C / 5% to 90% (non-condensing)
- **AVB connections**: 1x Neutrik EtherCon for AVB
- **Remote connection**: 1x RJ45 connectors for remote control over any standard Ethernet IP network

### Inputs and outputs
- **Number of inputs channels**: 32x input channels @ 48kHz or 44.1kHz
  16x input channels @ 96kHz or 88.2kHz
- **Number of outputs channels**: 32x output channels @ 48kHz or 44.1kHz
  16x output channels @ 96kHz or 88.2kHz
- **Number of input streams**: 4x AVB input streams of 8 channels @ 48kHz or 44.1kHz
  2x AVB input streams of 8 channels @ 96kHz or 88.2kHz
- **Number of output streams**: 4x AVB output streams of 8 channels @ 48kHz or 44.1kHz
  2x AVB output streams of 8 channels @ 96kHz or 88.2kHz

### Audio Format
- **Audio sampling frequency**: 44.1kHz, 48 kHz, 88.2 kHz, 96 kHz
- **Audio sample resolution**: All AVB audio sample format between 8 to 32 bits

### Integration Environment
- **Audio ToolBox platform**: AxC-AVB is one the cards for the AuviTran Audio ToolBox platform
- **AVS-Monitor**: AVS-Monitor enables to remotely set, control and monitor any Audio ToolBox interface and provides enhanced control pages to manage the AxC-AVB card parameters.
- **OS Supported**: Windows 10 for 32 or 64-bit versions

### Part number
- **AxC-AVB**: AuviTran Audio ToolBox AVB interface card