

Audio ToolBox AVBx3-IS

The smart and durable routing matrix that achieves seamless audio interoperability without compromise

Meet Audio ToolBox AVBx3, AuviTran's ultimate routing matrix. This smart, compact, versatile, flexible and sturdy bundle achieves interoperability among audio protocols without compromising on audio quality. Ideally suited for all your mission-critical Installation applications (theatres, conference centers, auditoriums, concert halls), AVBx3 embodies scalability and is future-proof as it accommodates up to 3 AxC audio interfaces for endless network combinations. Powerful, reliable, compact : AuviTran, and it works.



Key Features

- 1U rack 19", 3 slots for AxC interface cards, for the interconnection of **Dante, MILAN (MILAN certified), AES67/RAVENNA/ST2110-30, MADI, analog, AES3 technologies**, and is ready for future additions.
- Remote management with AuviTran's **AVS-Monitor software**
- Seamless compatibility with other AVBx platforms and more than 20 AxC interface cards
- Embedded **192x192** channel matrix
- **Integrated** signal generator
- Robust stainless steel casing



Smart Platform for Seamless Audio Network Interoperability

MODULARITY AND VERSATILITY

Automatic Plug and Play:

- Simplifies setup by automatically bridging and configuring network audio inputs and outputs.

Advanced Routing Matrix:

- An integrated 192x192 channel matrix allows for extensive interconnection possibilities, enabling users to control and route audio signals between any of the three slots.

ROBUST AND INTUITIVE

Compact and Durable Design with easy maintenance:

- A 19" rack size suitable for various environments.
- Built with a stainless steel casing for long-term resistance and resilience in extreme conditions.
- Modular design with detachable components ensures that only necessary spare parts need to be replaced, rather than the entire system.

Remote Control Software:

- AuviTran's AVS-Monitor software facilitates remote setting, control, and monitoring of the system, including managing specific parameters of inserted cards.



AVBx3 Overview

Coupled to AuviTran's suite of 20 AxC audio interfaces, the AVBx3 platform is the versatile and flexible companion that achieves seamless interoperability among audio network technologies and audio interfaces.



Proudly designed and engineered in France, manufactured in Europe



AVS-Monitor Software Control Page



Technical Specifications

Power Supply

1 main power supply (100-240 VAC - Max 50W)

Temp/Humidity

Storage: - 5°C to 70°C / 0% to 95%
(non-condensing)

Operating: 0 °C to 40°C / 5% to 90%
(non-condensing)

Display panel

Power Main/Aux – Fault/Error/Ready – Net-works and links Rx and Tx activities – Events

Connections

- 1 x IEC 320-2-2/F power inlets for main AC power supply
- 2 x BNC for Word Clock In and Out
- 1 x 6-pole Euroblock for GPIO
- 3 x slots to insert up to 3 AxC cards

GPIO

4 configurable GPIO. Each GPIO can be set as 4xVCA (ADC 8 bits 0-12V level input) for fader control or level trigger actions

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 Digigram ALP-DANTE and ALP-AES67 PCIe interfaces.

Note that the routing on each AoIP network must be configured from the appropriate applications (Dante Controller, Hive, Milan Manager, Anemann, etc.).

Part Number

AVBx3M

AVBx3M Audio ToolBox Installation

AxC audio interfaces

AxC audio interfaces

Insert and connect up to 3 AxC audio interfaces to an AVBx3 platform to build the audio configuration that brings convergence and interoperability among audio protocols.

Mechanical Specifications

483 x 272 x 44 mm / rack 19" - 1U height

Three slots are available for any AxC form-factor card

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**AVB MILAN certified -
Dante - AES67**
Millennium Centre,
Lausanne (CH)



**AVB MILAN certified -
AES/EBU - Analogue**
Puy du Fou theme Park (FR)