

## AxC-AT32IO interface card Solution for connecting ADAT devices to an audio network

Just as every AxC card within the Audio ToolBox range, the **AxC-AT32IO** audio interface can equally be used in **AVBx3** or **AVBx7** platforms.

The AxC-AT32IO interface, combined with an AuviTran Audio ToolBox AVBx3 or AVBx7 rack, constitutes the ideal solution to connect up to 2x 16 channels between an ADAT device and other analog, digital or network devices.

### Key Features

16 ADAT digital inputs on 2x Optical TOSLINK connectors

16 ADAT digital outputs on 2x Optical TOSLINK connectors .

**Clock synchronization** possibility on each ADAT 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 convergence 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 in Installation Mode



#### AVBx7 in StageBox Mode



### AxC-AT32IO Applications

Combined with other AuviTran Audio ToolBox cards. The card **AxC-AT32IO** opens exciting **interconnections** possibilities such as: Bridge ADAT – Dante, Bridge ADAT -- MAD1,Bridge ADAT -- EtherSound, Bridge ADAT – AES/EBU, Bridge ADAT – Analog

**Live applications** (AVBx3/7 in Stage-box mode): live concerts, live broadcast studios and OB Vans, recording interface to Digital Audio Workstation (ProTools™ or equivalent)

**Fixed installations** (AVBx3/7 in Installation mode): recording interface to Digital Audio Workstation (ProTools™ or equivalent)

## 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

2 Optical TOSLINK connectors for 16 inputs (8 inputs for each connector)  
2 Optical TOSLINK connectors for 16 outputs (8 outputs for each connector)

### Audio Inputs Specifications

#### Number of Inputs

Up to 16 ADAT inputs routed through the AuviTran Audio ToolBox backplane from other cards Up to 8 ADAT inputs in Double Speed mode (88.1 et 96 KHz)

#### Sampling Frequency

44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz

#### Resolution

24 bits

#### Input Specification

ADAT weave on Optical TOSLINK connector

#### Synchronization

Possibility of synchronization from each ADAT input

### Audio Outputs

#### Number of Outputs

Up to 16 ADAT outputs routed through the AuviTran Audio ToolBox backplane from other cards. Up to 8 ADAT outputs in Double Speed mode (88.1 et 96 KHz)

### Control and Monitoring Environment

#### Audio ToolBox Platform

AxC-AT32IO is one of the cards of 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-AT32IO

AuviTran Audio ToolBox ADAT 16 inputs and 16 outputs card with 4 Optical TOSLINK connectors