AxC-AT32IO overview

Just as every AxC card within the Audio ToolBox range, the card ADAT AxC-AT32IO 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 until 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
- Word clock synchronization possibility on each ADAT input
- Remote management with AVS-Monitor software
- Dedicated control page for remote monitoring and controlling all the card parameters

Audio ToolBox Platform overview

Smat, expandable and sustainable: meet AuviTran’s versatile and flexible platforms bringing convergence among network technologies and audio interfaces.

With two 19” rack chassis AVBx3 et AVBx7, both available in StageBox or Installation modes, plus 14 interfaces cards, build the configuration you need.

Applications

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

- Live applications (AVBx3/7 StageBox mode)
  - Concerts
  - Live Broadcast, broadcast studios and OB vans
  - Recording studio

- Installations Fixes (AVBx3/7 mode Installation)
  - Stadiums, concerts halls
  - Theatres, bars, pubs and discos

Mechanical Specifications

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

AxC-AT32IO - ADAT 16 Inputs and 16 Outputs for AuviTran Audio ToolBox
Technical Specifications

General
Dimensions: 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 à 70°C / 0% à 95% (non-condensing)
Operating: Température/Humidité 0 °C à 50°C / 5% à 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
Nombre 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)

Audio Inputs Specifications
Sampling frequency: 44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz
A/D resolution: 24 bits
Inputs 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)

Audio Outputs Specifications
Sampling frequency: 44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz
D/A resolution: 24 bits
Output Specification: ADAT weave on Optical TOSLINK connector

Integration Environnement
Audio ToolBox platform: AxC-AT32IO is one of the cards of the AuviTran Audio ToolBox platform
AVS-Monitor: AVS-Monitor enables to remotely set, control and monitor an EtherSound network. It provides enhanced control pages to manage the specific parameters of the AxC-AT32IO card
OS Supported: Windows 10, 8, 7, Vista, XP 32 ou 64 bit

Part number

AxC-AT32IO: Auvitran Audio ToolBox ADAT 16 inputs and 16 outputs card with 4 Optical TOSLINK connectors