

Key features

- 8 x Opto-Isolated General Purpose Inputs that can be remotely monitored via EtherSound
- 8 x Relay-switch for up to 250VAC/0.25A, 30VDC/2A remotely controllable over EtherSound
- AxC-GP16IO integrates a configurable RS232/RS485 serial interface for remote monitoring and control through a PC application.
- Remote management with ESMonitor software through the EtherSound Network.
- Dedicated control page for monitoring and controlling all the card parameters

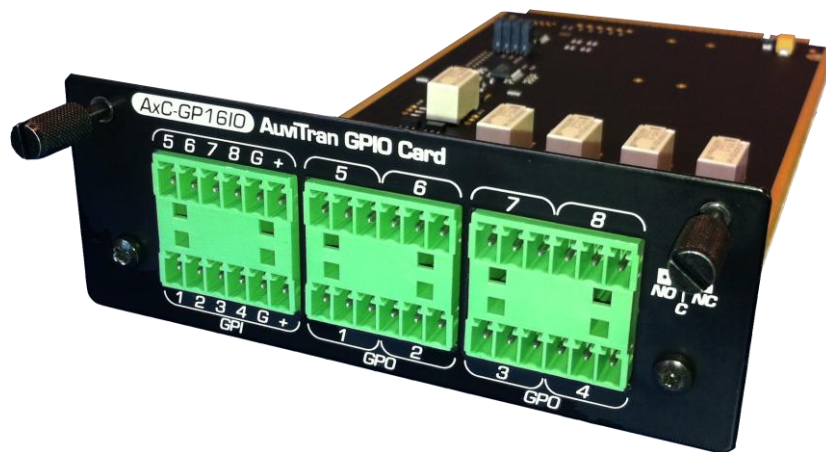
AuviTran Audio Toolbox in brief

AuviTran Audio ToolBox is a modular audio platform giving access to a large variety of professional audio networked configurations.

With a 1U rack chassis and different audio interface cards, you can build the configuration you need:

- EtherSound interface
- MADi interface
- Analog inputs or outputs XLR connectors
- Analog inputs/outputs Euroblock connectors
- Mic preamp inputs
- AES/EBU inputs/outputs
- GPI/GPO interface

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Applications

- Product for fixed installation with high quality Audio distribution, paging and zone management:
 - ◆ Stadium, museum and arts centre
 - ◆ Opera, theatre dressing room
 - ◆ Theme parks and resorts
 - ◆ Public Address: fixed sound reinforcement
 - ◆ Bars, pubs, discos
 - ◆ Exhibition and conference Centres
 - ◆ Security, voice alarm system
 - ◆ Exhibition and conference Centres
- Product for Transportation public address
 - ◆ Train and bus stations terminals
 - ◆ Airport facilities and audio distribution
 - ◆ Cruise Ships including onboard entertainment
 - ◆ Paging system for music and announcements

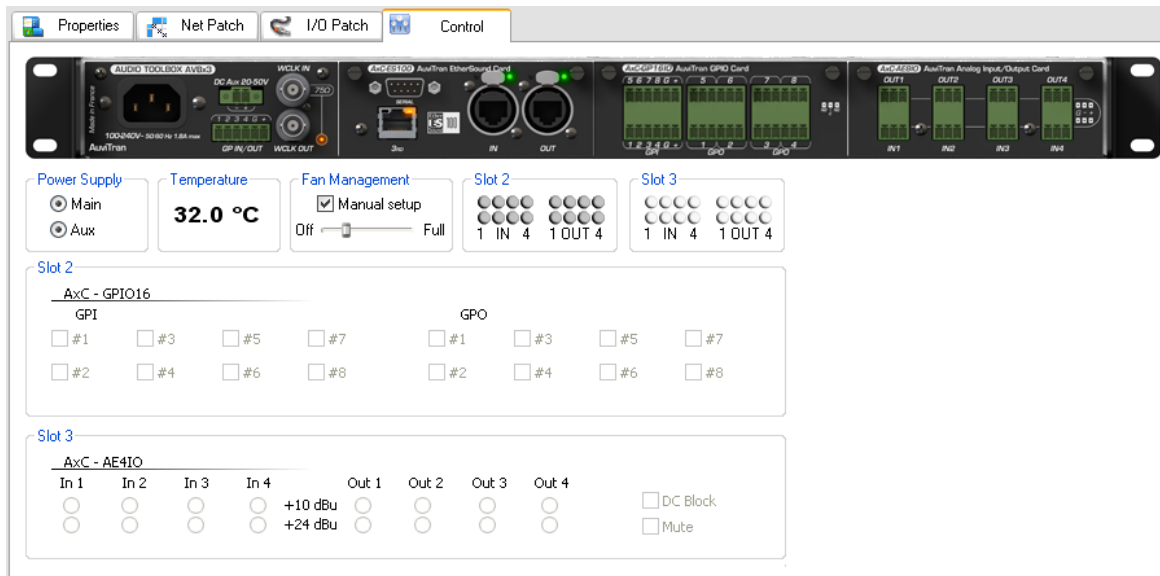
Mechanical Specifications

200 x 100 x 40 mm
 AuviTran Audio ToolBox platform format



Audio Distribution over Standard Ethernet: EtherSound™ enhances established technologies to provide easy-to-implement, high-quality audio networks. The patented EtherSound™ protocol provides fully deterministic, very low-latency (125µs plus 1.4µs per additional network node) transmission of synchronized audio channels over standard Ethernet. EtherSound™ provides a cost effective fully digital path between a virtually infinite number of networked audio devices with up to 128 channels of 24-bit digital audio at 48 KHz, with bi-directional status and control data. Off-the-shelf Ethernet components such as 100baseTX switch can be used to extend the number of audio devices, as well as the distance between the devices on the network.

ESMonitor Software control page



Preliminary version, subject to change

Technical Specifications

General	
Size	200 mm x 100 mm x 40 mm – Format AuviTran Audio ToolBox platform cards
Power Supply	+12V / +3.3V Through AuviTran Audio ToolBox backplane
Storage: Temp/Humidity	- 5°C to 70°C / 0% to 95% (non-condensing)
Operating: Temp/Humidity	0 °C to 50°C / 5% to 90% (non-condensing)
Connectors	1x6 pole double row Euroblock Connector (pitch 3.81mm) for GPI 2x6 pole double row Euroblock Connector (pitch 3.81mm) for GPO
GPIO Specifications	
General Purpose Inputs	8 Inputs Opto Isolated
General Purpose Outputs	8 relay-switch for up to 250VAC/0.25A, 30VDC/2A
Remote Control	Via EtherSound
Serial interface	RS232 / RS485 Rx/Tx serial port interface
Integration Environment	
Audio ToolBox platform	AxC-GP16IO is one the cards for the AuviTran Audio ToolBox platform
AVS-ESMonitor	AVS-ESMonitor enables to remotely set, control and monitor an EtherSound network and provides enhanced control pages to manage the AxC-GP16IO card specific parameters.
OS Supported	Windows Seven/Vista/XP for 32 or 64 bit versions

Part number

AxC-GP16IO AuviTran Audio ToolBox card with 16x GPI / GPO