

AxC-GP16io interface card

High-Count General Purpose Input/Output Card

Designed to cater to Installed Sound, PA or entertainment complexes while maintaining the highest audio quality, AxC-GP16io provides high count digital inputs and outputs interface to the AuviTran Audio ToolBox platform. AxC-GP16io audio interface can equally be used in AVBx3 or AVBx7 platforms to propel your audio workflows to another level of quality, reliability and scalability.

Key Features

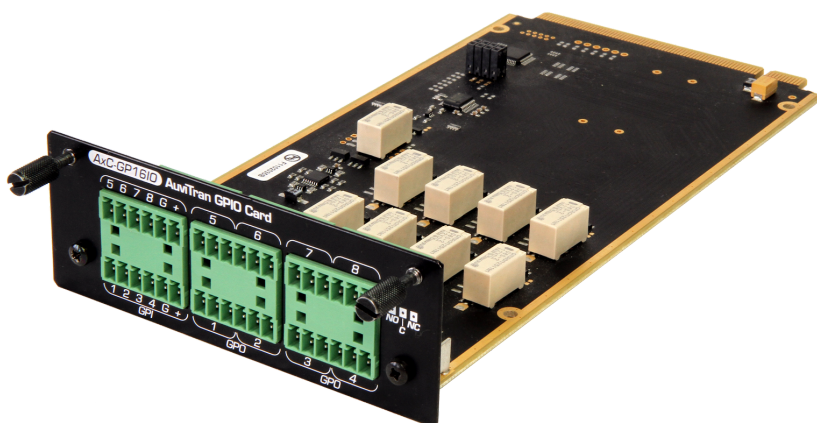
8 x Opto-Isolated General Purpose Inputs that can be remotely monitored via network cards

8 x Relay-switch for up to 250VAC/0.25A, 30VDC/2A remotely controllable via network cards

AxC-GP16IO integrates a configurable **RS232** serial interface for remote monitoring and control through a PC application

Remote management with AVS-Monitor software.

Dedicated **control page** for monitoring and controlling all the card's parameters.

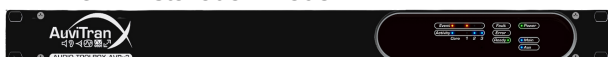


Audio ToolBox Platform Overview

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-GP16io Applications

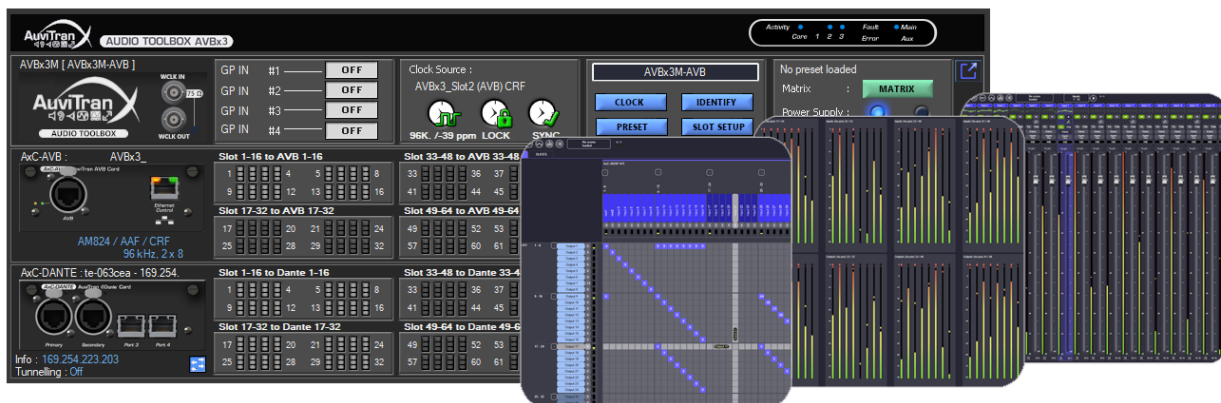
Product for **fixed installation** with **high quality** Audio distribution, paging and zone management:

Stadium, museum, arts centre, opera, theatre dressing room, theme parks, resorts, bars, pubs, discos, exhibition and conference Centres, **Security**, voice alarm system

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

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

1x6 pole double row Euroblock Connector (pitch 3.81mm) for GPI

2x6 pole double row Euroblock Connector (pitch 3.81mm) for GPO

Inputs Specifications

Number of Inputs

8 Inputs Opto Isolated

Outputs Specifications

Number of Outputs

8 relay-switch for up to 250VAC/0.25A, 30VDC/2A

Control and Monitoring Environment

Audio ToolBox Platform

AxC-GP16io is one of the cards for 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

Part Number

AxC-GP16IO

AuviTran Audio ToolBox card with 16x GPI / GPO

Mechanical Specifications

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