Advanced

Axis AX

Audio Converter

The Advanced CAV-V70 is a Universal Audio Converter that converts any ANSI/UL Listed, maximum 40 Watt, 25 Vrms speaker circuit to a 40 Watt 70 Vrms speaker circuit. It is ideally suited to interface with the Advanced 40 Watt, 25 Vrms output off the CAV-AMP-80 amplifier. The CAV-AMP-80 amplifier is integral to the Advanced Axis AX “V” Series panels, CAV-VBM Audio Panel, AV-VB Audio Booster and the Axis AX Series Command Centers.

The CAV-V70 includes a 40 Watt, 70 Vrms Speaker Circuit Interface Module, an Audio Converter Transformer and a LED Power/Trouble Indicator Card, all mounted in an attractive, lockable enclosure. Each CAV-V70 enclosure is capable of supporting two (2) 40 Watt, 70 Vrms Speaker Circuit Interface Cards and Audio Converter Transformers with the addition of a CAV-V70-KIT. The maximum total available wattage is 80Watts @70 Vrms and two (2) independent Class A or Class B speaker circuits.

The enclosure can be supplied in gray and can be located remotely from the 25 Vrms audio source. Remote mounting offers installation advantages, especially in retrofit applications.

All wiring between the CAV-AMP-80 amplifier and the CAV-V70 Audio Converter is fully supervised. In addition to getting wired to an existing speaker circuit, each 70 Vrms Speaker Circuit Interface Card requires power from either the “Host” fire alarm control panel or from an ANSI/UL Listed 24 VDC nominal power supply



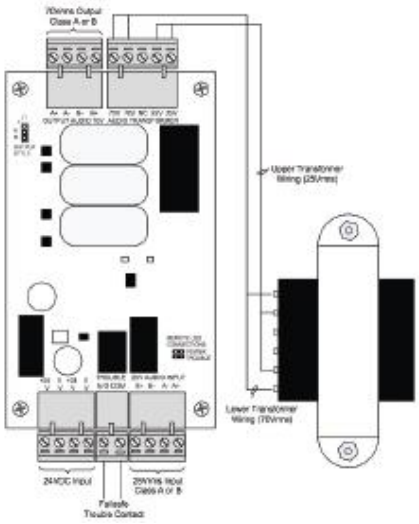
Features

- 25 Vrms to 70 Vrms Converter
- Fully Supervised - Allows Remote Mounting Options
- Single or Dual 40 Watt Speaker Circuits
- Class A or B Wiring
- Can Interface to any ANSI/UL Listed 25 Vrms Speaker Circuit (40 watt maximum)
- Attractive Lockable Enclosure
- Integral External Power & Trouble LEDs
- Numerous Internal Diagnostic LEDs
- Ideally Suited to Interface to CAV-AMP-80 Amplifier

Listings and Approvals

- CAN/ULC-S527-11 & CAN/ULC-S559-04 Listed: 100780709NYM-001

Wiring Diagram



Specification

Input Voltage (DC)	24 VDC (Wired from FACP or ANSI/UL listed power supply)
Operating Current	60mA
Trouble Contact	Failsafe, 1A @ 30VDC
Temperature	Indoor/dry Environment, 32-120ºF (0-49ºC)
Relative Humidity	93% Non Condensing (Max)
Dimension	12”H x 9”W x 3”D
Input Speaker Circuit	25 Vrms @ 40 Watt (max), Class A or B
Output Speaker Circuit	70 Vrms @ 40 Watt (max), Class A or B, End-of-line 100K

Order Codes and Options

CAV-V70*	70 Vrms Universal Audio Converter
CAV-V70-KIT	70 Vrms Speaker Circuit Interface Card and Audio Converter Transformer

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.