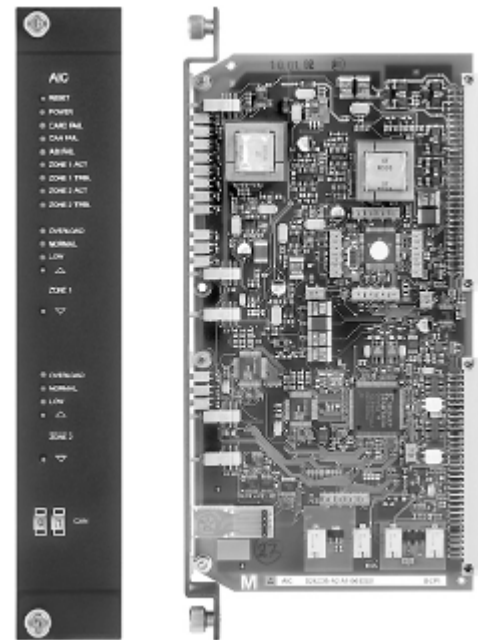


FireFinder® XLSV

Audio Input Card Model AIC

ARCHITECT AND ENGINEER SPECIFICATIONS

- Two (2) independent analog audio inputs
- Two (2) external switch inputs to activate the two (2) analog audio inputs
- Inputs are separately transformer isolated
- Inputs are separately supervised for loss of signal
- Inputs contain separate analog / digital converters
- CAN network module
- Separate level indicator for each input
- Diagnostic light-emitting diodes (LEDs)
- Downloadable firmware
- **UL 864 9th Edition Listed & ULC Listed;
FM, CSFM & NYC Fire Department Approved**



Product Overview

The Audio Input Card (Model AIC) provides two (2) external, isolated analog inputs to the FireFinder XLSV system. Model AIC also provides two (2) dry-contact inputs used to separately activate the two (2) audio inputs. Model AIC is a CAN network card, and the number of allowable addresses is from 1 to 99.

Specifications

Model AIC provides two (2) external, isolated analog inputs to the FireFinder XLSV system for external sources such as:

- Tape recorders
- Compact-Disc (CD) players
- PBX interface
 - (for convenience paging from the telephone system)

Model AIC also has two (2) dry-contact inputs to activate the two (2) audio inputs separately – permitting each input to be controlled automatically, via system logic or manually through switches on the voice-control panel.

The input levels can be adjusted manually with push buttons found on Model AIC or configured in the Zeus Programming configuration software application.

Model AIC is a CAN network card, and the number of allowable addresses is from 1 to 99.

The CAN network for Model AIC must come from one (1) Model DAC-NET. Up to 99 CAN module addresses are available per enclosure.

The maximum number of Model AIC cards on one (1) FireFinder XLS system (single node) is two (2) Model AIC cards.

Model AIC takes one (1) card slot, and mounts in a Model CC-2 or Model CC-5 card cage inside a Model CAB-1, Model CAB-2 or Model CAB-3 enclosure.

Electrical Ratings

Input Power	
24V Back Plane Current:	25mA
Screw Terminal, 24V Current:	0mA
6.2V Back Plane Current:	25mA / active channel
24V Standby Current:	50mA

Model AIC Audio Ratings

Nominal Audio Input:	0dB, 1mW (0.775VRMS) @ 600 ohms differential {symmetric}
Maximum Audio-Input Range [Control Range]	-12dBu to +15dBu (27 dB) {0.2VRMS to 4.34VRMS, 0.55Vpp to 12.3Vpp}
Dry-Contact Input:	24V / 10mA

Details for Ordering

Model	Part Number	Description
AIC	500-035300	Audio Input Card

Temperature and Humidity Range

Products are ®UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.