Local Operating Consoles

The Local Operating Consoles (CAX-LOC) are Advanced Axis AX peer-to-peer network nodes that allow for the field configuration of remote operator monitoring and control stations on an Ad-NeT-PluS network. Each local operating console is available as either a Class A or Class B network node, comprised of a peripheral expansion network node module (Class A [CAX-PENN/ST7] or Class B [CAX-PENN]) and an alphanumeric keyboard display (CAX-DSP).

The peripheral expansion network node module (CAX-PENN [/ST7]) is the main component of the local operating consoles. The CAX-PENN (/ST7) offers not only the interface port for the industry familiar Axis AX keyboard display, it provides an integral Axis AX peripheral bus (PBUS). Like the Advanced Axis AX fire alarm systems, the peripheral bus can support 16 of any specific PBUS module to a maximum of 32 PBUS modules. With the PBUS being a feature of the CAX-LOC, audio amplifier modules, switch/LED modules, switch/LED driver modules, fan/damper modules, LED modules, conventional zone modules and four-point relay modules can easily be added and configured locally at the CAX-LOC.

CAX-LOCs are extremely simplistic to program, all programming is done utilizing the standard Advanced PC-NeT field configuration tool, used for all other Axis AX products. Besides the powerful Advanced I/O relationship programming, CAX-LOCs can be configured for full or partial (building sectored) installation annunciation and control. CAX-LOCs can also support a supervised strip printer and/or 80 column wide carriage printer.

In addition to being either a Class A or Class B network node, CAX-LOCs are available as either annunciator and control, or emergency communications annunciation and control. Emergency communications annunciation and control CAX-LOCs include an audio paging amplifier (CAV-AMP-80), power supply charger (CAX-PSU-6), microphone assembly (CAV-MIC) and single switch LED module (CAX-ASW-16). As the annunciator and control CAX-LOC does not include the audio options its backbox is 3.5" deep, where the emergency communications annunciation and control CAX-LOC backbox is 5.5".

Each CAX-LOC includes an inner and outer door, keyed to match other installed Advanced products. Two inner and outer door options are available. One is a 2x2 aperture inner door with a half plexiglass outer door and the other is a 2x3 aperture inner door with a full plexiglass outer door. CAX-LOCs enclosures are available in either Advanced standard red or optional gray.
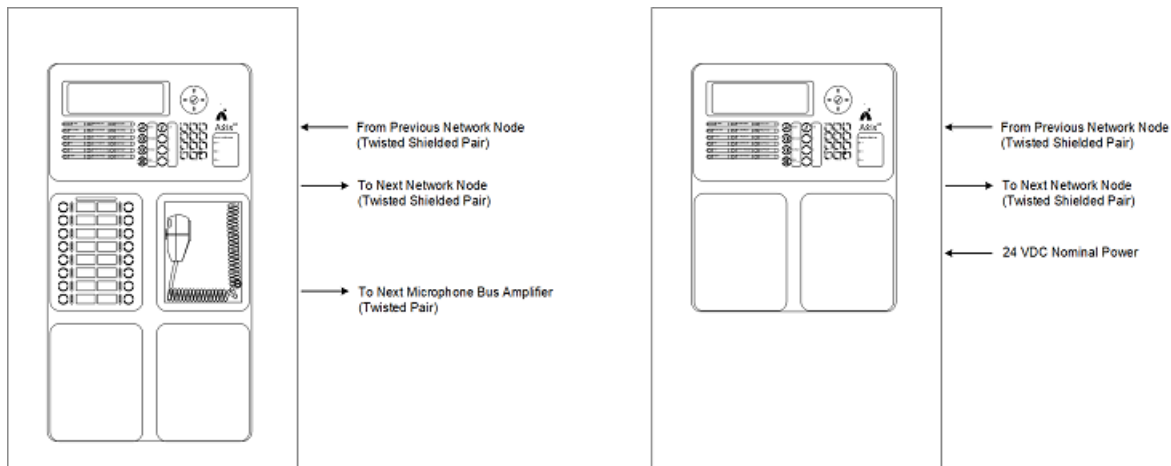

Features

- User Friendly Annunciation and Control, Identical to FACP
- Installation Configurable Operations and Controls
- Ad-NeT-PluS Class A or B Network Compatible
- Programs with Standard Advanced PC-NeT Software
- Supports up to 32 Peripheral Bus Modules
- Multi-Channel Audio Configurations
- Option Printer Support

Listings and Approvals

- ETL ANSI/UL 864 Listed: 101564744NYM-001
- ULC Listed

Diagrams

Specifications

Operating Voltage	LOC1 & LOC3 120 VAC 50/60Hz, 24 VDC (nominal)		LOC2 & LOC4 24 VDC (nominal)	

Operating Current
    Quiescent
    Alarm
	LOC1, 3 [Class B]
	201 mA
	515 mA
		LOC1, 3/ST7
		226 mA
		540 mA
			LOC2, 4 [Class B]
			155 mA
			155 mA
				LOC2, 4/ST7 [Class A]
				180 mA
				180 mA

Operating Temp.	$32\ ^0F - 120\ ^0F\ (0\ ^0C - 48\ ^0C)$			
Humidity	95% (Non-Condensing)			

Dimensions
    LOC1, LOC3
    LOC2, LOC4
	Backbox: 22 5/8"(H) x 14 1/2"(W) x 5 3/8"(D) Enclosure: 24 1/8"(H) x 15 7/8"(W) x 6 3/8"(D)
	Backbox: 22 5/8"(H) x 14 1/2"(W) x 3 3/8"(D) Enclosure: 24 1/8"(H) x 17 7/8"(W) x 3 3/8"(D)			

Serial Interface	RS232 Supervised, Optically Isolated			
AX-DSP Display	Backlit 240 x 64 Graphical LCD Display			
Axis AX PBUS	Supports 32 PBUS Modules, 16 Max of a Single Type			

Ordering Information

CAX-LOC2-ST4	Annunciator Local Operating Console, 2x2 Inner Door with Half Plexiglass Outer Door
CAX-LOC4-ST4	Annunciator Local Operating Console, 2x3 Inner Door with Full Plexiglass Outer Door
CAX-PENN-ST4	Peripheral Expansion Network Node Module ST4
CAX-PENN-ST7	Peripheral Expansion Network Node Module ST7

 * For optional gray enclosure add "-G" to the part number

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9564 Yellowhead Trail NW, Edmonton AB, T5G 0W4, Canada T: 1 (866) 462-7100 E: info@harding-tech.com W: www.harding-tech.com

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

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