Axis AX Local Operating Consoles

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

The peripheral expansion network node module (AX-PENN [/ST7]) is the main component of the local operating consoles. The AX-PENN (/ST7) offers both the interface port for the Axis AX keyboard display and an integral Axis AX peripheral bus (PBUS). As with Advanced Axis AX fire alarm systems, the peripheral bus can support 16 of any specific PBUS modules up to a maximum of 32 PBUS modules. With the PBUS being a feature of the AX-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 AX-LOC.

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

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

Each AX-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. AX-LOCs enclosures are available in either Advanced standard red or optional gray.



Features

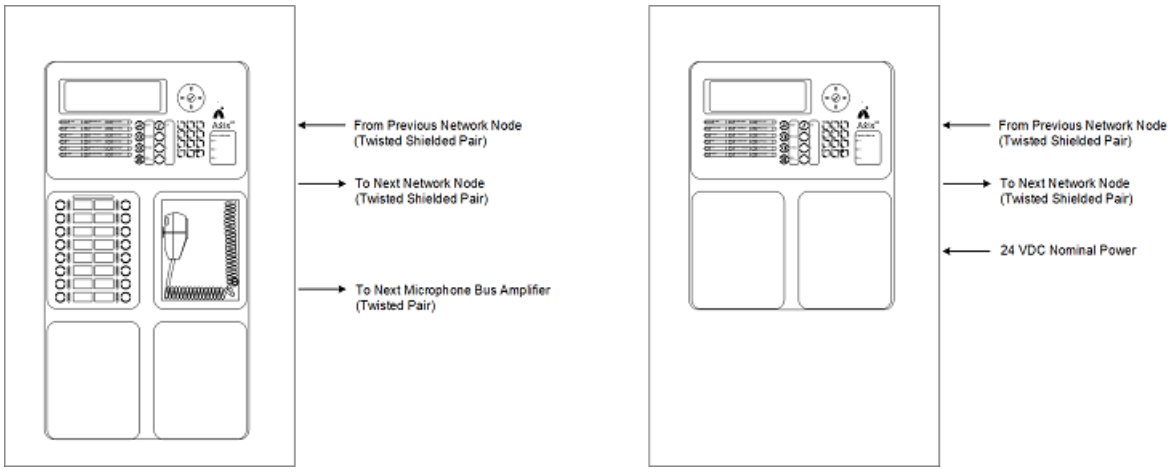
- User-friendly annunciation and control, identical to FACP
- Installation configurable operations and controls
- Class X(A) or B network compatible
- Programs with standard Advanced PC-NeT software
- Supports up to 32 peripheral bus modules
- Multi-channel audio configurations
- Optional printer support

Listings and Approvals

- Certified to UL 864 10th Edition - File No. S35979
- CSFM Approved: 6912-1713:0117
- NYCFD COA: 2025-TMCOAP-002366-AMND

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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 (Class X[A]) 226 mA 540 mA	LOC2, 4 (Class B) 155 mA 155 mA	LOC2, 4/ST7 (Class X[A]) 180 mA 180 mA
Operating Temp.	32^0F - 120^0F (0^0C - 49^0C)			
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 16"(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 16"(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

AX-LOC1	Audio Local Operating Console (Class B), 2x2 Inner Door with Half Plexiglass Outer Door
AX/LOC1/ST7	Audio Local Operating Console (Class X[A]), 2x2 Inner Door with Half Plexiglass Outer Door
AX-LOC2	Annunciator Local Operating Console (Class B), 2x2 Inner Door with Half Plexiglass Outer Door
AX-LOC2/ST7	Annunciator Local Operating Console (Class X[A]), 2x2 Inner Door with Half Plexiglass Outer Door
AX-LOC3	Audio Local Operating Console (Class B), 2x3 Inner Door with Full Plexiglass Outer Door
AX-LOC3/ST7	Audio Local Operating Console (Class X[A]), 2x3 Inner Door with Full Plexiglass Outer Door
AX-LOC4	Annunciator Local Operating Console (Class B), 2x3 Inner Door with Full Plexiglass Outer Door
AX-LOC4/ST7	Annunciator Local Operating Console Class X[A]), 2x3 Inner Door with Full Plexiglass Outer Door

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

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