

Axis^{AX}

All-Call Remote Microphone

The Advanced AV-RMIC is an all-call remote microphone designed for use with an Advanced hardwired (non networked) single amplifier audio system; AV-VBM, AV-VB, AX-CTL-(x)V and command centers. The AV-RMIC provides a means of all-call paging via an associated Axis AX AV-AMP-80 audio amplifier from a remote location. Whenever the AV-RMIC all-call remote microphone is keyed, the interfaced AV-AMP-80 amplifier is placed into boost mode for remote microphone audio broadcasting.

The AV-RMIC all-call remote microphone consists of a lockable enclosure with microphone and remote microphone module. In addition, the AV-RMIC includes a remote microphone interface module (AV-RMI) which gets installed at the single amplifier for remote microphone interface and supervision. To retrofit an existing Axis AX installation enclosure for AV-RMIC usage, an AV-RMI-RP remote microphone interface module retrofit plate is available.

The remote microphone module also includes additional service/diagnostic LEDs for audio open circuit, audio short circuit, input power supply trouble, microphone disconnected and microphone push to talk switch trouble.



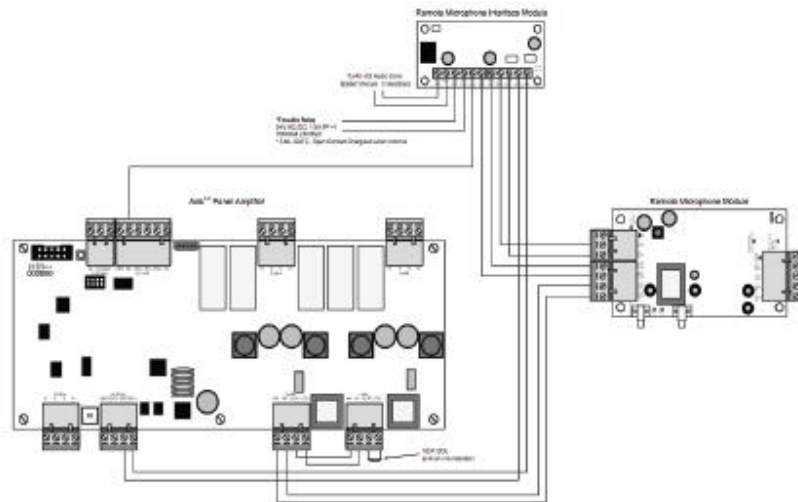
Features

- All-call Remote Paging Microphone
- Completely Supervised with Interfaced Audio Amplifier
- Microphone Supervised for Opens and Disconnection
- Isolated Studio Output Supervised for Opens/Shorts
- Advanced CAT30 Key Access
- Removable Inner and Outer Doors for Servicing
- Visible Power & Trouble LEDs
- PCB Service/Diagnostic Status LEDs
- Pluggable Terminal Blocks
- Plexiglas Window for Viewing Microphone and Status LEDs
- Surface or Semi Flush Mountable

Listings and Approvals

- ETL ANSI/UL 864/1711/1481 Listed: 101564744NYM-001, 100027836NYM-001c
- NYC FD COA #6105A2

Wiring Diagram



Specification

| | |
|-----------------------------------|--|
| Operating Voltage | 17 to 28 VDC |
| Operating Current | .070 Amp (Quiescent) .085 Amp (Alarm) |
| Wiring (Recommended) | All wiring supervised and power limited |
| 24 VDC Supply | Twisting pair (Maximum cable impedance 40Ω) |
| Microphone Audio | Twisted shielded pair (Maximum cable impedance 40 Ω) |
| End of Line (EOL) | 100K |
| Microphone and Trouble Monitoring | Twisted pair (Maximum cable impedance 50Ω) |
| LED Status | Power Trouble |
| Front Viewable | Audio Open Circuit and Short Circuit |
| PCB Service/Diagnostic | Input Power Trouble |
| | Microphone Disconnected |
| | Microphone Push to Talk Switch |
| Operating Temperature | 32 °F-120 °F (0 °C to 48 °C) |
| Humidity | 10-95% (Non-condensing) |
| Enclosure Dimension | 11 1/2"W x 13"H x 4 1/2"D |
| Weight | 10lb 2oz |

Order Codes and Options

| | |
|-----------|----------------------------------|
| AV-RMIC | All Call Remote Microphone |
| AV-RMI-RP | Remote Microphone Retrofit Plate |

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