Product Data Sheet

∧̇ Advanced

Axis^{AX}

עמדת מיקרופון מרוחק

All-Call Remote Microphone
AV-RMIC

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.

Visable through the Plexiglas window of the AV-RMIC all-call remote microphone are a Power and Trouble status LED, located on the remote microphone module. Besides these two LEDs, 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.

Unique Features:

- All-Call Remote Paging Microphone
- Completely Supervised w/Interfaced Audio Amplifier
- Microphone Supervised for Opens and Disconnection
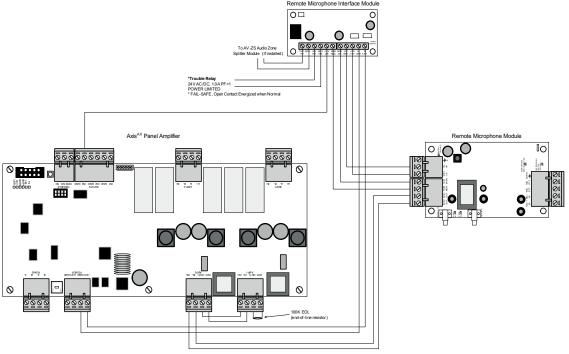- Isolated Audio Output Supervised for Opens/Shorts
- Advanced CAT30 Key Access

Features

- Visable Power & Trouble LEDs
- PCB Service/Diagnostic Status LEDs
- Pluggable Terminal Blocks
- Plexiglas Window for Viewing Microphone and Status LEDs
- Surface or Semi Flush Mountable
- Removable Inner and Outer Doors for Servicing

Listings and Approvals:

- ETL ANSI/UL 864/1711/1481 Listed: 101564744NYM-001, 100027836NYM-001c

AV-RMIC Specifications

Operating Voltage	17 to 28 VDC
Operating Current	
Quiescent	.070 Amp
Alarm	.085 Amp
Wiring (Recommended)	All wiring supervised and power limited
24 VDC Supply	Twisted Pair (maximum cable impedance 40Ω)
Microphone Audio	Twisted Shielded Pair (maximum cable impedance 40Ω)
End of Line (EOL)	100K
Microphone and Trouble Monitoring	Twisted Pair (maximum cable impedance 50Ω)
LED Status	
Front Viewable	Power Trouble
PCB Service/Diagnostic	Audio Open Circuit and Short Circuit
	Input Power Trouble
	Microphone Disconnected
	Microphone Push to Talk Switch
Operating Temperature	32^0-120^0 F (0 to 48^0 C)
Humidity	10-95% (non-condensing)
Enclosure Dimension	$11^1/_2$ "W x 13"H x $4^1/_2$"D
Weight	10lb 2oz

Ordering Information

AV-RMIC	All-Call Remote Microphone
AV-RMI-RP	Remote Microphone Interface Module Retrofit Plate