

## Simple machine room communication for elevator installations.

- Provides machine room communication for one or two elevators.
- Shares a single phone line between elevator phone and intercom.
- Simple in/out connections for quick installation without complex wiring.
- Compact design mounts easily to flat surfaces in the machine room.
- Compliant with ADA, ASME A17.1 / CSA B44, and IBC requirements.



## Specifications

	SHW-MRI-1	SHW-MRI-2
# of Elevator Phones	1	2
Mounting	Surface	
Dimensions	9.1875" x 9.1875" x 5.0"	
Enclosure	Stainless Steel	
Weight	6 lbs.	
Communication	Analog	
Power Source	110 VAC	
Wiring Requirements	Single Pair 22-gauge to Elevator Phone and Phone Line	
Environmental	32 - 122°F	
Warranty	2 Years	
Voltage	24 VDC	
Included Components	Machine Room Intercom, Plug-In 24 VDC Transformer, Biscuit Jacks	
Site Requirements	110 VAC Power, 20-22 Gauge Twisted Pair Wiring	
Compatible AVIRE Products	RATH® Elevator Communications Failure Systems, JANUS® PBX, JANUS® PBX-M, JANUS® PSM, JANUS® PNB, JANUS® PSS, JANUS® PSL, JANUS® G3, JANUS® MG3	

## Supplementary Information

### Phone Line Requirements

Phone Line Voltage On-Hook	45 - 54 VDC (nominally 48 VDC)
Phone Line Voltage Off-Hook	4 - 8 VDC (nominally 5 VDC)
Operating Loop Current Range	18 - 55 mA (20 mA typical)
Dialing	DTMF (Dual Tone Multi-Frequency)
Frequency Response	50 - 3400 Hz, +/- 3 db
Ring Sensitivity	40 - 120 VAC RMS
Operational Loop Impedance	600 ohms
Open-Loop Disconnect Signal	@ 500m/s

### Electrical

Included AC Adapter	110 - 24 VDC @ 500 mA
Operating Current Range	25 - 55 mA

Requires an analog (POTS, PBX, or central office) phone line.

It is not recommended to use a VoIP, cellular, or digital line with the SHW-MRI

# AVIRE

N56W24720 N Corporate Cir., Sussex, WI 53089  
800-451-1460

sales.us@avire-global.com  
[avire-global.com/en-us](http://avire-global.com/en-us)