

# MRI-HDSTL

Retrofit Machine Room Intercom



## Affordable solution that enables machine room intercom functionality.

- Provides communication for any elevator phone.
- MRI module with handset phone provides a compliant solution with minimal wiring.
- Acts as a phone line pass-through by allowing one phone line for the elevator phone and the MRI-HDSTL.
- Compact size allows for mounting to any flat surface in the elevator machine room.



## Specifications

Part Number	MRI-HDSTL
Mounting	Surface Mount
Dimensions	<b>MRI:</b> 4 3/4" H X 5 3/4" W X 2 1/2" D <b>HDSTL:</b> 9" H X 3 1/4" W x 3 1/4" D
Enclosure	Plastic
Weight	<b>MRI:</b> 1 lbs. <b>HDSTL:</b> .09 lbs
Communication	Analog
Power Source	110 VAC
Wiring Requirements	Single pair 22 ga to elevator phone and phone line
Environmental	32°F - 122°F
Warranty	2 years
Code Compliance	ASME A17.1 / CSA B44, IBC, and ADA compliant.
Voltage	24 VDC
Optional Equipment	Elevator communication failure systems
Site Requirements	110 VAC power, 20 ga to 22 ga twisted pair wiring

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## Supplemental Information\*

### Phone Line Requirements

Phone Line Voltage On-Hook	4 VDC to 70 VDC (nominally 48 VDC)
Phone Line Voltage Off-Hook	8 VDC to 20 VDC (nominally 14 VDC)
Operating Loop Current Range	18 mA to 55 mA (20 mA typical)
Dialing	DTMF (Dual Tone Multi-Frequency)
Frequency Response	550 Hz - 3400 Hz, +/- 3 db
Ring Sensitivity	30 VAC to 120 VAC RMS
Operational Loop Impedance	600 ohms
Open-Loop Disconnect Signal	@ 500 m/s

### Electrical

Included AC Adapter	110 VAC to 24 VDC @ 500 mA
Optional AC Adapter	25 mA to 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 MRI-HDSTL.



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