

MRI-HDSTL

Machine Room Intercom



Affordable machine room communication using existing phone lines.

- Provides machine room communication for elevator systems.
- Compact design mounts easily to flat surfaces in the machine room.
- Shares a single phone line between elevator phone and intercom.
- Handset design enables clear, direct communication.
- Compliant with ADA, ASME A17.1 / CSA B44, and IBC requirements.



Specifications

Mounting	Surface
Dimensions	MRI: 4.75" x 5.75" x 2.5" HDSTL: 9.0" x 3.75" x 3.25"
Enclosure	Plastic
Weight	MRI: 1 lbs HDSTL: 0.9 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
Site Requirements	110 VAC Power, 20 - 22-gauge Twisted Pair Wiring
Optional Equipment	RATH® Elevator Communications Failure Systems

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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	550 - 3400 Hz, +/- 3 db
Ring Sensitivity	30 - 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 MRI-HDSTL.

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