

2100-958 Series

Externally Powered Elevator Phones



Reliable flush mount emergency communication for elevator applications.

- Supports dialing to up to five emergency contacts.
- Flush mount design supports clean retrofit installations.
- Built-in location messaging improves emergency response.
- On-board keypad supports fast on-site programming.
- Phone line monitoring detects line loss and triggers alerts.
- Compliant with ADA, ASME A17.1, CSA B44, IBC, ISED, and FCC requirements. ETL listed.



Specifications

	2100-958SS	2100-958NSS	2100-958DO	2100-958MB
Enclosure	Stainless Steel	Stainless Steel	Stainless Steel	Antique Bronze
Dimensions	12.5" x 9.75" x 2.0"	9.5" x 7.5" x 2.0"	12.5" x 10.625" x 2.0"	12.5" x 9.75" x 2.0"
Weight	7.0 lbs	7.0 lbs	6.0 lbs	7.0 lbs
Included Components	Flush Mount Phone, 24 VAC Transformer, Phone Line Cord, Mounting Kit, Backbox	Flush Mount Phone, 24 VAC Transformer, Phone Line Cord, Mounting Kit, Backbox	Flush Mount Phone, 24 VAC Transformer, Phone Line Cord, Mounting Kit	Flush Mount Phone, 24 VAC Transformer, Phone Line Cord, Mounting Kit, Backbox
Communication	Analog			
Power Source	Externally Powered			
Wiring Requirements	Phone Line (Tip & Ring)			
Environmental	32 - 120°F			
Voltage	24 VDC/VAC			
Warranty	2 Years			
Site Requirements	Analog Phone Line, Battery Backed Up 110 VAC Or 24 VDC/VAC Power			

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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 6 VDC)
Operating Loop Current Range	22 - 29 mA (25 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	@ 500 m/s
REN	0.5 B
Industry Canada N.	C22.2 No.60950-1-07, 2nd Ed: 1673A-2504
FCC Reg. No	US: AW7TE05B2504

Compatible AVIRE Products

RATH® SmartRescue Base Stations

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

If using VoIP, cellular or digital line, line must be converted to analog and capable of supporting modem modulated devices before connecting.