

2100-957RA

Externally Powered Elevator Phones



Reliable emergency communication for legacy elevator panel retrofits.

- Supports dialing to up to five emergency contacts.
- Legacy mounting bracket simplifies modernization projects.
- 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

Weight	1.50 lbs
Included Components	Behind-The-Panel Phone On Mounting Bracket, Speaker & Microphone, Button, LED Harness, 24 VAC Transformer, Phone Line Cord
Dimensions	8.125" x 5.125" x 2.0"
Mounting	Behind-The-Panel
Enclosure	Heavy Duty ABS
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

AVIRE

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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.