2100-984 Exterior Rated Call Boxes

SmartRescue Two-Way Communication (Area of Refuge)

RATH™ by AVIRE

Efficient two-way communication for in-building rescues.

- Analog home run set up.
- Built-in battery backup ensures communication during power outages.
- Location message provides site-specific call identification.
- Triggered alert when line loss is detected.
- Call button and LED call indicator.
- Built-in consolidator for installation of up to 10 emergency phones on 1 phone line.
- Optional annunciator board supports high-powered relay and external inputs and is able to connect to fire alarm module or panel.

Specifications

Part Numbers	2100-984LR	2100-984LRC1
Dimensions	9-7/8" H x 6-5/8" W x 3-1/4" D	**Call Box Size:** 9-7/8″ H x 6-5/8″ W x 3-1/4″ D **Cover Size:** 6-2/5″ H x 3-3/4″ W x 2-1/4″ D
Enclosure	Red Fiberglass, NEMA, Exterior Rated	Red Fiberglass, NEMA, Exterior Rated with Cover
Mounting	Surface Mount	
Weight	4.5 lbs	
Communication	Analog	
Wiring Requirements	Home run communication to 2500 base station: 24 AWG to 22 AWG 2 twisted pair (#RP7500094 or 2 hour fire-rated: #RP6600100M, #RP6600300M) Up to 3 call boxes per wire run to power unit (#2500-PWR24U) 18 AWG 1 pair (#RP7500094P or 2 hour fire-rated: #RP66010001, #RP66010002) If applicable, communication failure relay output: multi conductor cable	
Maximum Wiring Distances	5,100' per cable run	
Programming	Up to 18 seconds of recordable location message	
Phone Capabilities	Phone checks for a line every 24 hours; if none, it trips the relay Automatic answer feature with audible ring Touch Tone® operation only	
Supervision	Includes built-in communication verification software and a failure relay output connectable to an addressable fire alarm module or panel	
Power Requirements	24 VDC from part # 2500-PWR24U Built-in battery backup recharges from 24 VDC power (allows for a minimum of 4 hours of talk time upon power loss), 7.2V 300 mAH battery	

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Part Numbers	2100-984LR	2100-984LRC1
Power Rating	24 VDC, 0.5 A when powered by 2500-PWR24U	
Optional Feature	Strobe interface and relay	
Environmental	32°F to 120°F	
Warranty	2 years	
Code Compliance	NFPA 72, IBC/ICC, ADA, Section 6.4 of UL 60950-1, UL Standard 2017 for Attendant Monitored Signaling Devices, ETL Listing Number: 5013373	

Compatible with the Following: RATH SmartRescue and RATH Command Center

2100-984LR and 2100-984LRC1

COVER OUTSIDE

COVER INSIDE

BOTTOM

24V AC/DC

RJ11C TELEPHONE LINE

BASE INSIDE

SIDE

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