



Emergency Call Station 2100-E Series

Product Specification

1.0 GENERAL DESCRIPTION

- 1.1 The Emergency Call Station shall be rectangular in appearance and made of a powder coated aluminum construction. The Call Station shall stand 30" high and be capable of being wall or pole mounted. The words "EMERGENCY TELEPHONE" with bright reflective lettering shall be located on the front and the words "EMERGENCY" on the sides. The phone shall be compliant with the American with Disabilities Act (ADA). Line powered is not acceptable.
- 1.2 The emergency communication component shall comply with ADA. The phone shall have the ability to be programmed with up to 5 emergency phone numbers. Upon activation of the emergency push button; a call will be automatically placed, the strobe shall instantaneously flash and any ancillary devices tied into the phone will be activated until the call has been disconnected by the called party.

2.0 CONSTRUCTION

- 2.1 The Emergency Call Station shall be constructed of powder coated, rust resistant aluminum that is manufactured with a weather and corrosion resistant finish.
- 2.2 Stainless Steel shall be an available option. The Stainless Emergency Call Station shall be constructed in 14 gauge, 304 Stainless Steel, with a B4 Brushed Finish and seam welded on the front to a class one workmanship standard.
- 2.3 The Emergency Phone plate shall be made of 12 gauge Stainless Steel and is 11 1/4" inches high and 8 1/4" inches wide.
- 2.4 The Emergency Phone button shall be located on the Emergency Call Station and is to be located no more than 48" above ground level to ensure conformance with the ADA requirements.
- 2.5 The Call Station must have a Braille faceplate stating 'EMERGENCY PHONE' 'PUSH FOR HELP' to ensure conformance with ADA requirements.



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- 2.6 The strobe shall be mounted within overall construction of unit enclosed behind a Lexan window. Strobe will come fully assembled.
- 2.7 Phone electronics and most electrical connections must be housed in a NEMA 4 enclosure within the Emergency Call Station.

3.0 MOUNTING

- 3.1 The Emergency Call Station is to be mounted on a flat wall surface or on a pole. Pole Mounting Bracket needed for pole mounting (Part #RP7700098AE).

4.0 ELECTRICAL

- 4.1 Electrical connections are to be made inside a NEMA 4 enclosure or with waterproof wire nuts provided by RATH®.
- 4.2 The Emergency Call Station shall come equipped with a transformer to step down from 120vac to 12vdc.
- 4.3 All internal operating electronics shall be 12vdc.

5.0 LIGHTS

- 5.1 The 12v strobe light shall be located within the Emergency Call Station. The strobe shall be activated upon pushing of the emergency phone button.
- 5.2 Single element strobe light flashes when phone is activated.
- 5.3 The 12v dual element strobe light is constantly on and strobe flashes when phone is activated.

6.0 COMMUNICATIONS

- 6.1 The unit shall have an ADA compliant and vandal resistant speaker phone.



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- 6.2 The phone shall activate with one push of the button. Once the button has been pushed, the phone will call programmed emergency numbers and two-way communication will open up. The phone must be capable of being programmed with up to 5 emergency numbers.
- 6.3 The phone shall have “location message” capability. The phone must have a minimum 18 second recordable message capability, programmable to play once, twice, or continuously until the * key is pressed by the called party.
- 6.4 The phone shall be capable of allowing the called party to replay the location message (location message feature) if necessary to ensure an understanding of the phone location.
- 6.5 Once the call has been made (button pushed), the call can only be terminated by the called party.
- 6.6 The phone plate must have a red LED that will light up upon push of the button. The light shall be a solid color when the phone is activated, and will flash when call has been answered.
- 6.7 The phone must be capable of being programmed and reprogrammed on-site and remotely.
- 6.8 The phone must have a built in phone line consolidator feature. Phones must be capable of sharing phone lines with up to 10 RATH® SmartPhones if required by end user to reduce operational cost.
- 6.9 Line powered phones and dip switch programming are not acceptable.
- 6.10 Standard Phone Features:
- Programmable with up to 5 emergency phone numbers
 - Weatherproof speaker
 - Weatherproof microphone
 - Operating temperature of between -40°F to +150°F (-40° to + 65°C)
 - Programmable passwords
 - On-site or remote programmable
 - EEPROM memory to protect programming
 - Adjustable speaker and microphones levels
 - Programmable location message with human voice recognition
 - Programmable conversation time



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- 2 button – 2 number capability
- Remote and on-site diagnostic testing
- Ability to control additional accessories

7.0 FINISH

- 7.1 Unit shall be powder coated white with a weatherproof and corrosion resistant finish. End user must be capable of requesting custom colors.
- 7.2 Unit must be UV resistant.
- 7.3 Stainless Steel shall be offered as an option.

8.0 GRAPHICS

- 8.1 All wording shall be made of highly reflective vinyl lettering.
- 8.2 The standard “EMERGENCY” text shall be blue and custom colors shall be an option.

9.0 OPTIONS

- 9.1 There shall be custom paint options for the Emergency Call Station.
- 9.2 System must allow for custom school or company logos on the Call Station similar to how the word “EMERGENCY” is affixed.
- 9.3 Strobes must also be available in custom colors.
- 9.4 Call Station must be available with VoIP connectivity.



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10.0 WARRANTY

The unit shall be warranted from all factory defects for a period of two years.

11.0 MANUFACTURER

The manufacturer shall be:
RATH® Security
N56 W24720 North Corporate Circle
Sussex, WI 53089
800-451-1460
www.rathsecurity.com