

Yellow Call Box 2100-986 Series Specifications



1.0 General Description

- 1.1 The Yellow Call Box shall be square in appearance and made of a vandal resistant and NEMA 4 rated fiberglass enclosure. The Call Box uses a push button for activation and a red LED for an indication of activation. The word 'EMERGENCY' down the left and 'TELEPHONE' down the right shall be vertically mounted in industrial strength decals.
- 1.2 The emergency communication component shall comply with the American with Disabilities Act (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; two-way communication shall then open up after a location message is played. The call can only be disconnected by the called party.

2.0 Construction

- 2.1 The Yellow Call Box shall be constructed of a vandal resistant and NEMA 4 outdoor rated housing.
- 2.2 The Yellow Call Box measures 11 5/8" high, 9 3/8" wide and 6 1/4" deep.
- 2.3 The Yellow Call Box contains a speaker phone button which shall be located no more than 48" above the ground to ensure conformance with ADA requirements.
- 2.4 The Yellow Call Box must have a Braille faceplate stating 'EMERGENCY PHONE' 'PUSH FOR HELP' to ensure conformance with ADA requirements.
- 2.5 The Yellow Call Box shall support optional use of a remote mounted strobe that will flash when the call box is activated.

3.0 Mounting

- 3.1 The Yellow Call Box shall be wall or pole mountable with a custom made, aluminum, Pole Mount Bracket (7005A).

4.0 Electrical

- 4.1 The Yellow Call Box shall be powered by 120vac or 12vdc.
- 4.2 The strobe (optional accessory) shall be powered off 12vdc using Yellow Call Box phone relay (optional accessory). (P#2100-986DAI includes 12v relay)

5.0 Lights

- 5.1 The 12v strobe light (optional accessory P#7008B-12v) shall be remote mountable on a wall or pole using a custom STROBE MOUNTING KIT. The strobe shall be activated upon pushing of the emergency phone button.
- 5.2 The strobe shall have an LED cluster and flash at a rate of a minimum of 60 flashes per minute.
- 5.3 A dual element Beacon/Strobe light shall be offered as an option (P#7010B-12v). The dual element will have a constant-on LED for allowing continuous, steady illumination. The strobe element will activate upon the pushing of the emergency phone button.

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6.0 Communications

- 6.1 The unit shall have an ADA compliant and vandal resistant speaker phone.
- 6.2 The phone shall be a push once to talk phone. Once the button has been pushed, the phone will call a programmed phone emergency number. The phone must be capable of being programmed with up to 5 emergency numbers, dialing them in sequence until one is answered.
- 6.3 The phone shall have Location Message capability. Phone must have a minimum 18 second recordable message capability programmable to play once, twice, or continuously until * is pressed by the called party. Phone shall notify called party of the location of the Yellow Call Box, upon it being received at the emergency dispatch center.
- 6.4 Phone shall be capable of allowing the called party to replay the phone location message if necessary to ensure an understanding of the location of the Call Box
- 6.5 Once call has been made (button pushed), the call can only be terminated by the called party.
- 6.6 The Yellow Call Box 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 speakerphone must be capable of being programmed and reprogrammed on site and remotely.
- 6.8 Line powered phones and Dip Switch programming are not acceptable.
- 6.9 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.
- 6.10 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
 - 2 button – 2 number capability
 - Remote and on-site diagnostic testing
 - Ability to control additional accessories (cameras, speakers)

7.0 Finish

- 7.1 Unit shall be of a Safety Yellow dyed fiberglass finish.
- 7.2 Unit must be UV resistant.

8.0 Graphics

- 8.1 All wording shall distinctly identify the Yellow Call Box as an 'EMERGENCY TELEPHONE'.
- 8.2 Yellow Call Box finish shall be UV protected.

9.0 Options

- 9.1 System must allow for custom lettering in place of "EMERGENCY TELEPHONE" if requested.
- 9.2 Both remote dome cameras and 'pinhole' camera options must be available from manufacturer.
- 9.3 Strobes must be available in custom colors.
- 9.4 Communication options shall include Analog, Cellular, VoIP, and Wi-Fi VoIP.

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10.0 Warranty

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

11.0 Manufacturer

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