

## 1.0 GENERAL DESCRIPTION

- 1.1 The unit shall be a vandal-resistant wall mount that is multi-functional and constructed of stainless steel, model CB 2-s from Code Blue Corporation, no substitutions. It shall include a high quality, hands-free communications device illuminated by a high intensity faceplate light, a powerful combination blue beacon/strobe light and an area light that serve to easily identify it from a distance.

## 2.0 CONSTRUCTION

- 2.1 The housing front shall be constructed of 12 gauge stainless steel brushed to a number 4 finish and a thickness of 0.105".
- 2.2 It shall measure 42" H x 12" W x 8.7" D and weigh approximately 100 lbs.
- 2.3 A separate back plate piece shall be formed out of 10 gauge steel so the housing front can swing forward to allow for servicing. The housing shall be secured to the back plate by two 10" x 24" x 1" fasteners.
- 2.4 A 4.86" H x 11.75" W x 4.86" D LED Beacon/Strobe opening shall be approximately 2.5" from the top. A 7" H x 12" W x 5" D Area Light opening shall be approximately 30.5" from the top and 30.5" from the bottom.
  - 2.4.1 A 0.187" thick transparent lens formed of clear polycarbonate shall be inserted into the housing behind each opening.
- 2.5 An opening for a communications device shall be cut approximately 25.5" below the top of the housing.
- 2.6 Tamper resistant proprietary fasteners manufactured for Code Blue Corporation shall be used. It shall not be possible to acquire the custom-designed bit from any other source.

## 3.0 MOUNTING

- 3.1 The unit shall be mounted using four 0.375" x 3" mounting bolts and 3" lag bolt anchors included with the unit through four openings in the back plate that are inaccessible without opening the unit. Mounting hole size shall be 0.44".

## 4.0 ELECTRICAL

- 4.1 All electrical components shall have a modular plug for easy service and replacement, and equipped with a fuse for protection from transient voltage conditions.
- 4.2 Requires 2.5 ampere at 24V AC standard.
- 4.3 Two 1.13" conduit holes will be in the bottom of the unit.
- 4.4 The unit shall have the option of a Multi-Tap Transformer for connectivity to 120V AC, 240V AC and 277V AC AC primary power.

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## Architectural & Engineering Specifications

- 4.5 The unit shall have the option for Power over Ethernet for connectivity to a VoIP network switch with 802.3af or 802.3at (minimum) capabilities. Requires the LS1000 or IP5000 phone for connectivity to ToolVox or SIP/IAX2 compatible VoIP system.

### 5.0 LIGHTING

- 5.1 **LED Beacon/Strobe:** It shall have a factory-set flash rate of up to 375 flashes per minute and be programmable, with a rating of no less than 270 Lumens/92 candela. A deep blue UV-rated polycarbonate prismatic refractor shall surround the LED Beacon/Strobe and be used to distribute light in a horizontal pattern for maximum brightness and visibility.
- 5.1.1 The communication device shall be factory programmed to activate the LED Beacon/Strobe for the duration of a call.
- 5.1.2 The LED Beacon/Strobe shall be 5.10" tall and 5.50" in diameter.
- 5.2 **Area Light:** A deep blue UV-rated polycarbonate prismatic refractor shall surround the LED Area Light and be used to distribute the light in a horizontal and vertical pattern.
- 5.2.1 It shall have a Lumen rating of 852.
- 5.2.2 Light life shall be 100,000 hours.
- 5.3 **Faceplate Light:** This fixture will direct light onto the communications device and be vandal resistant.
- 5.3.1 Opening shall measure 4.50" wide by .50" deep.
- 5.3.2 The light shall have a lifetime of 100,000 hours and a rating of 100 Lumens.

### 6.0 COMMUNICATIONS

- 6.1 The unit shall have a speakerphone communication device.
- 6.1.1 LS1000/LS2000 – VoIP: Refer to the **LS1000 and LS2000 Architect and Engineering Specification** for further information.
- 6.1.2 IP5000 - VoIP: Refer to the **IP5000 Architectural and Engineering Specification** for further information.
- 6.1.3 IA4100 - Analog: Refer to the **IA4100 Architectural and Engineering Specification** for further information.
- 6.2 EIA/TIA, ANSI, CSA and BICSI cabling or similar standards shall be adhered to for proper operation of devices connected to copper or fiber infrastructure.

### 7.0 FINISH

- 7.1 **Stainless Steel:** The housing shall be brushed to a number 4 finish with a graffiti and UV resistant coating process.



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- 7.2 **Painted:** Four-coat paint process, with zinc-rich primer for corrosion resistance and baked-on polyurethane enamel for maximum gloss and shine.
- 7.2.1 Substrate preparation shall be as required to comply with applicable ASTM impact and adhesion standards: D2794 Direct and Reverse Impact, D523 Gloss @ 60 Degrees, D3359B Cross hatch Adhesion, D1654 Corrosion Creep, D714 Scribe Blisters and D714 Field Blisters.
  - 7.2.2 Optional clear coating process available to provide additional environmental protection.
  - 7.2.3 The finish shall be available in 7 standard colors: Safety Blue, Safety Red, Safety Yellow, Gloss White, Gloss Black, Dark Bronze and Bright Silver. Custom colors shall be available.
  - 7.2.4 Minimum coverage thickness of 2.0 mils for both primer and finish coats.

## 8.0 COMPLIANCE

- 8.1 Americans with Disabilities Act (ADA) compliant
- 8.2 UL 60950-1 and UL 2017 listed
- 8.3 NFPA 72 Chapter 24 (2010)
- 8.4 Meets NEMA 3S requirements

## 9.0 GRAPHICS

- 9.1 Engineering grade reflective vinyl for high visibility and legibility.
- 9.2 Standard 2.75" tall text offerings: Emergency or Assistance.
- 9.3 Standard graphics color offerings: Reflective White, Reflective Blue, Reflective Black.
- 9.4 Custom text, length and color options shall be available.

## 10.0 WARRANTY

- 10.1 The CB 2-s shall be warrantied against any defects in material and workmanship, under normal use, for a period of 2 years from date of installation. If system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.

## 11.0 MANUFACTURER

- 11.1 The Manufacturer shall be Code Blue Corporation. 800-205-7186, 259 Hedcor Street, Holland, Michigan 49423. [www.codeblue.com](http://www.codeblue.com). THERE ARE NO EQUIVALENTS.