



1.0 tGENERAL DESCRIPTION

- 1.1 The unit shall be a vandal-resistant wall or pole mount that is multi-functional and constructed of carbon steel, model CB 4-u from Code Blue Corporation, no substitutions. It shall include a high quality, hands-free communications device illuminated by a high intensity faceplate light and powered by the NightCharge® option, which can pull power from a switched light grid and operate 24 hours per day.

2.0 CONSTRUCTION

- 2.1 The housing front shall be constructed of 12 gauge carbon steel and a thickness of 0.125".
- 2.2 It shall measure 25.75" H x 14" W x 12.78" D at the top and 9" D at the bottom, and weigh approximately 70 lbs.
- 2.3 An opening for a communications device shall be cut approximately 6.14" below the top of the housing.
- 2.4 The front of the unit shall have a removable access door that is 7.50" H x 12.25" W.
- 2.5 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 440mA power draw.
- 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 primary power.
- 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 IP5000 phone for connectivity to ToolVox or SIP/IAX2 compatible VoIP system.
- 4.6 The unit shall have the option of the Night Charge® system, an integrated power solution utilizing the ProMite 5 battery charger and MK 8A22NF-DEKA battery.

Architectural & Engineering Specifications

- 4.6.1 **Fully Automatic Charging:** Charges and Conditions batteries with a built in safe maintenance mode for long and short term storage
- 4.6.2 **Automatic Charging For Lead or Gel Batteries:** Optimized charging output for Lead or Gel Batteries
- 4.6.3 **Waterproof and Shock Resistant:** Saltwater tested for coastal boating
- 4.6.4 **LED Power and Charge Indicators:** At-a-glance power and charging status

Electrical Characteristics	
Voltage	12V
Amperage	5
Banks	1
AC Input Voltage	90-135V
Mechanical Characteristics	
Cable Size	6'
Size	5.75" L x 3.5" W x 2" H
Weight	5 lbs

4.7 MK 8A22NF-Deka Specifications:

Electrical Characteristics	
Nominal Voltage	12V
Capacity at 100°C	63 Ah
Capacity at 20°C	55 Ah
Mechanical Characteristics	
Plate Alloy	Lead Calcium
Size	9.72" L x 5.47" W x 9.24" H
Weight	39 lbs
Posts	Forged Terminals & Bushings
Container/Cover	Polypropylene
Vent	Self-sealing

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5.0 LIGHTING

- 5.1 **Faceplate Light:** This fixture will direct light onto the communications device and be vandal resistant.
 - 5.1.1 Opening shall measure 4.50" wide by .50" deep.
 - 5.1.2 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 IP5000 - VoIP: Refer to the ***IP5000 Architectural and Engineering Specification*** for further information.
 - 6.1.2 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 Four-coat paint process, with zinc-rich primer for corrosion resistance and baked-on polyurethane enamel for maximum gloss and shine.
 - 7.1.1 Optional clear coating process available to provide additional environmental protection.
- 7.2 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.
- 7.3 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.
- 7.4 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 4 requirements

9.0 GRAPHICS

- 9.1 Engineering grade reflective vinyl for high visibility and legibility.
- 9.2 Standard 1.38" 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 OPTIONS

- Solar power generator
- GSM Cellular
- IP Wireless

11.0 WARRANTY

- 11.1 The CB 4-u 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.

12.0 MANUFACTURER

- 12.1 The Manufacturer shall be Code Blue Corporation. 800-205-7186, 259 Hedcor Street, Holland, Michigan 49423. www.codeblue.com. THERE ARE NO EQUIVALENTS.