

## Bedside Station with 20-Pin Connector B-111/EP



B-111/EP

**Description:** CORNELL Bedside Station (B-111/EP) is equipped with one 20-pin socket for use with the CORNELL Pendant-Style Call Cord (SW-510) permitting the following standard features:

- Nurse Call
- Light control– light control functions require use of third party Low-Voltage light controller

**Options:** Can also work with other pendant-style or pillow speaker-style call cords besides CORNELL SW-510 with additional wiring added. For functions such as:

- Entertainment (TV) Audio
- Entertainment (TV) Control

(Available as special-order option, please contact CORNELL.)

**Operation:** Red LED's indicate calls placed. Calls may be cancelled at the touch of a button. Removal of call cord plug from station indicates a call at the system's annunciator panel.

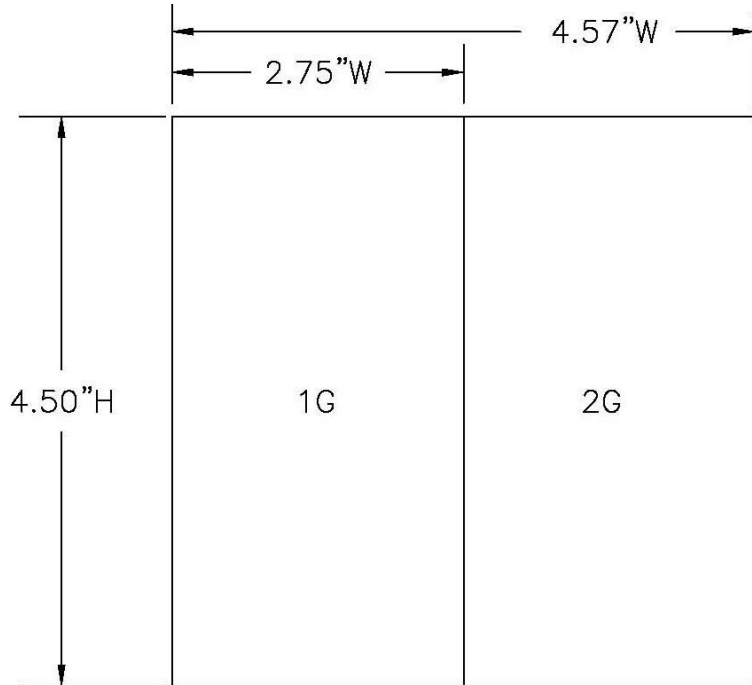
**Mounting:** The satin-finish stainless steel faceplates may be flush mounted on standard outlet boxes with single-gang rings. The plates may also be surface mounted with Wiremold 5748 or equivalents. Minimum depth required is 1 ¾".

**Engineering Specifications:** The contractor shall furnish and install Cornell Bedside Stations Model B-111/EP as indicated on the plans. The stations shall be equipped with (1) 20-pin socket for use with CORNELL Pendant-Style Call Cords, with red LED call placed indicators, and with cancel switches. Removal of bedside cord plug shall appear as a call on the annunciator panel. Satin-finish stainless steel faceplates shall have silk-screened designations clearly marked. Indicator voltage shall be 24 volts DC. Wall boxes shall be standard outlet boxes with single-gang covers.

### Technical Information:

- Power Requirements: 24VDC
- Operating Environment: 50-120°F Indoor Non-condensing
- Physical Faceplate Dimensions (standard 1G Size): 4 ½ "H x 2 ¾ "W
- Mounting: Single-Gang back box with 1¾" minimum depth
- Wiring: #18 AWG Minimum

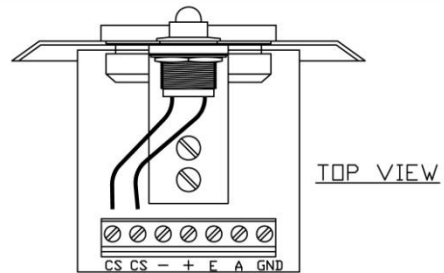
**Available in 1-2 Gang Sizes:**



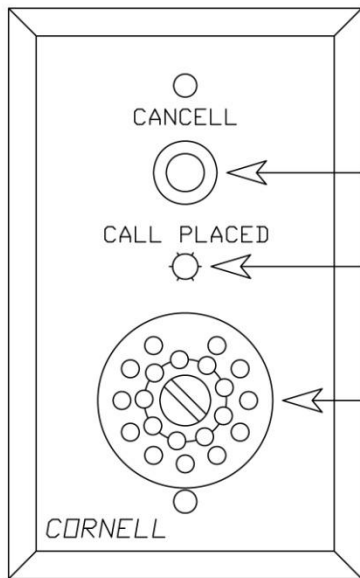
**Screw Terminal Definitions:**

- CS=Remote Cancel Switch
- = 24VDC Negative Input
- + = 24VDC Positive Input
- A = Annunciator Output (Switched to Negative when Station is Actuated)
- E = Extra (same as A)
- GND = Earth Ground

**\*\*\* WARNING! \*\*\***  
 DIRECTLY CONNECTING THESE PATIENT STATIONS TO A.C. 120 / 208 / 240 VAC LIGHTING CIRCUITS MAY RESULT IN STATION FAILURE OR INJURY



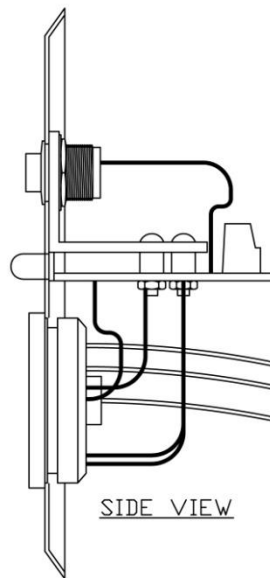
TO 4000-SERIES NURSE CALL SYSTEM:  
 REFER TO DRAWING FOR TYPICAL NURSE CALL SYSTEM (90003-nn)  
 CONNECTIONS TO THIS TERMINAL STRIP ARE IDENTICAL TO STANDARD CORNELL MODEL B-111 PATIENT STATIONS.



CANCEL SWITCH

INDICATOR LED

20-PIN SOCKET




TO LIGHTING CONTROL MODULE:  
 (NOT FURNISHED BY CORNELL)  
 (WHT/BLK) READING LIGHT  
 (WHT/RED) ROOM LIGHT  
 (GRN/BLK) COMMON

CONTRACTORS TO EXTEND (3) #18 AWG FROM STATION TO LOW-VOLTAGE SIDE OF LIGHTING CONTROL MODULE.  
 LIGHT CONTROL MODULES ARE TYPICALLY PROVIDED BY THE E.C., AS PART OF THE LIGHT FIXTURE PACKAGE  
 REFER TO LIGHTING / LUMINAIRE SCHEDULE FOR MORE INFORMATION.

FRONT VIEW

SIDE VIEW

 <b>CORNELL Communications, Inc.</b> sales@cornell.com 414-351-4660 Web: www.cornell.com 414-351-4657(fax)	DATE: FEB 24, 2008 (RDG)	SYSTEM: 4000-SERIES SINGLE-STATUS
	TITLE: B-111/EP & B-111/PS-820 PATIENT STATION	DRAWING # B-111/PS820A

**CORNELL COMMUNICATIONS, INC.**

Milwaukee, Wisconsin USA • 800-558-8957 • 414-351-4660 • Fax 414-351-4657  
 www.cornell.com • sales@cornell.com

