Bedside Station with 20-Pin Connector
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 1¼” minimum depth
- Wiring: #18 AWG Minimum
Available in 1-2 Gang Sizes:

2.75"W

4.50"H

1G

2G

4.57"W

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

CANCELL SWITCH
INDICATOR LED
20-PIN SOCKET

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

TO LIGHTING CONTROL MODULE:
(GOT FURNISHED BY CORNELL)
WHIT/BLK) READING LIGHT
WHIT/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.