

CRL 143

CRL 143W CRL 144

Button Panel

Five-Lite System



CRL 143 Button Panel



CRL 143 Button Panel



CRL 144 Button Panel Cabinet Mount

The CRL 143 Button Panel is a stainless steel recess wall mounted panel with one row of five colored pushbuttons and a black reset button for the Five-Lite System. The CRL 143W Button Panel Walnut is similar however it has a walnut grain printed vinyl covered face. The CRL 144 Button panel Cabinet Mount is a stainless steel panel with a smaller face for mounting into a cabinet face. These are panels of remote control pushbuttons which control the lights. They are not lights. It is necessary to have a display lights such as a CRL 160 Light Panel in this room so personnel can see which lights have been lit.

Operatory

The Button Panel would be mounted at 30" to 36" above the floor at the 12 o'clock where it would be a comfortable left arm reach for the dental provider. A CRL 160 Light Panel would be mounted 48" to 54" above the floor across the patient at the 2 or 3 o'clock position where it would remain in the dental provider's peripheral vision.

Consultation or Private Office

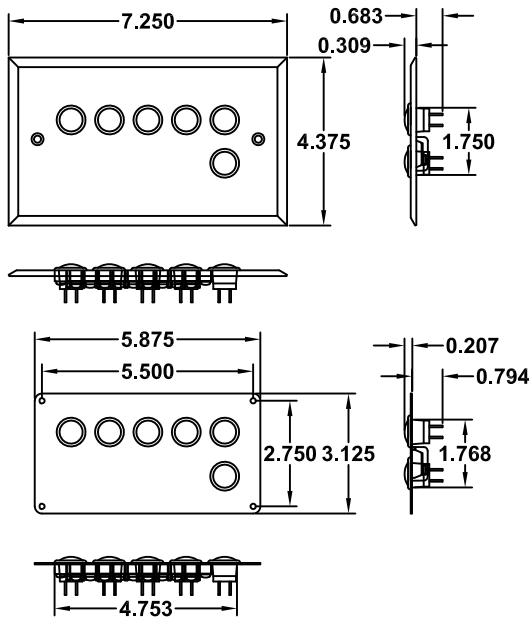
The Button Panel would be mounted below desk height beside the desk where it would be comfortable to reach but not in line of vision for a patient seated on the other side of the desk. A CRL 160 Light Panel would be mounted 60" to 66" above the floor behind where a patient would be seated during a consultation.

Mounting

The CRL 143 Button Panel and CRL 143W Button Panel Walnut mounts on a #42 Plaster Box or on a #22 Mounting Frame. The plaster box is used when there is open studding. The mounting frame is used when the walls already exist. Two #6-32 x 3/4" philips oval head stainless steel screws are supplied to mount the panel onto the Plaster Box or Mounting Frame.



Wiring CRL 143 Button Panel on #42 Box



CRL 143 Button Panel CRL 144 Button Panel Cabinet Mount

The CRL 144 Button Panel Cabinet Mount mounts into a 4 7/8" x 1 7/8" cutout into a cabinet or dental unit. No mounting hardware other than the four #6 X 1/2" pan head screws provided is needed for installing these panels. This panel needs to be mounted into a plywood or solid particle board surface which will hold the mounting screws 3/16" from the edge of the cutout hole. It will not mount securely into drywall.

Wiring

The CRL 143 Button Panel is wired to the rest of the Five-Lite System using Theta #89 cable. As the circuit may be continuing on to additional stations as many as three or four cables may be connected. About 4 inches of the outside jacket of the cable should be removed. The nine different colors of wires are matched to the terminal screw of the same color (match color of wire to color of terminal screw). Approximately 1/4 inch of insulation should be removed from the wire and all wires of the same color are then securely clamped under the square washer under the head of the terminal screw of the same color. Please note that the wires do not have to be wrapped around the screw.