

CRL 152-3T, -4T, -5T, -6T Lighting Pushbutton Panel w/Tone

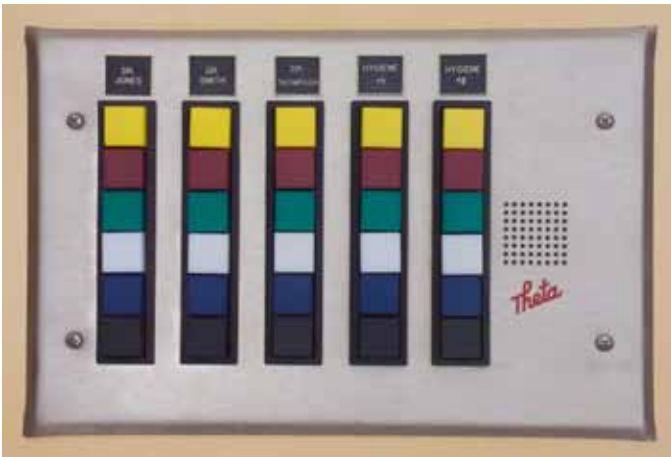
Multi Channel Five-Lite System



CRL 152-3T Lighting Pushbutton Panel w/Tone
Three Channel



CRL 152-3T Lighting Pushbutton Panel w/Tone
Four Channel



CRL 152-5T Lighting Pushbutton Panel w/Tone
Five Channel



CRL 152-3T Lighting Pushbutton Panel w/Tone
Six Channel

The CRL 152-x Lighting Pushbutton Panel three through six channel is a stainless steel, recess mounted panel with multiple columns of five colored lighting pushbuttons and a black pushbutton for display and operation of multiple channels of the Multi Channel Five-Lite System. A tone unit on the panel sounds whenever any light on the panel is being lit. The tone unit is adjustable in volume and in pitch.

It is used in rooms that are common to three or more of the providers. A reception, sterilization, business office, or staff room needs columns for all providers of the office. If there are more than six providers, two or more of these panels would be mounted next to each other to provide a total of one column for each provider.

A laboratory, doctors lounge, or shared private office would need only the columns for as many doctors are in the office.

A hygiene sterilization used by hygienists and the assistants working with hygienists only, would need

only the columns for the hygienists. If assistants working in the hygiene sterilization work with the doctors, the doctors columns would also be needed.

The CRL 152-3T Lighting Pushbutton Panel Three Channel and the CRL 152-4T Lighting Pushbutton Panel Four Channel mount into a Theta #45 Plaster Box or onto a Theta #25 Mounting Frame. The CRL 152-5T Lighting Pushbutton Panel Five Channel and the CRL 152-6T Lighting Pushbutton Panel Six Channel mount into a Theta #47 Plaster Box or onto a Theta #27 Mounting Frame.

The Plaster Box is screwed to a stud and wired before the drywall is installed. The cable should enter the box through a romex clamp or conduit. If the cable feeds down within the studded wall chamber, it should be stapled to the side of a stud so that it will be a minimum of one inch from the surface of the drywall on both



CRL 152-4T Lighting Pushbutton Panel w/Tone
Four Channel wired on #45 Box

sides of the stud. Often it is valuable to feed the cable through a conduit from the ceiling down to the box. A conduit box connector should connect the conduit to the box and another conduit box connector should be placed on the end of the conduit in the ceiling so the sharp edge of the conduit will not be against the cable.

The Mounting Frame is used to mount the panel into existing drywall. The frame should be screwed to the wall making sure that there is not a stud behind the opening in the frame. It is handy to have a stud behind one side of the frame. After the frame is screwed to the wall, the rectangular hole of the frame is used as a templet to cut out the drywall. Do not cut the hole before screwing the frame to the drywall as the drywall will crumble away from the screws after a cut is made near where they are to be installed. If the screws do

not grip sufficiently into the drywall, place a piece of wood behind the drywall for the screws to screw into.

The CRL 152-x Lighting Pushbutton Panel three through six channel is wired with multiple Theta #89 Cables. A separate cable is needed for each column. Usually the left hand column as you face the front of the panel is set up as the first doctor with the additional doctors being the following columns. The columns on the right hand side of the panel are set up as hygienists. Theta provides "Brady" cable labels with the cable for the Multiple Channel Five-Lite System. The circuit for the first doctor should be labeled "A". Cable label tapes should be installed 4 to 5 inches from the end of the cable so that the cable jacket can be removed for connection to the panel without disturbing the label. Additional doctors would be "B", "C", "D" etc. Hygiene columns would be additional letters following the doctor letters. A bundle of cables arrives at this panel with a cable for each column. This bundle of cables would come from either the Theta Power Unit, or from another similar panel. Additional cables may continue on to additional stations from this panel so there may be two or three cables for each column. All the cables arriving at this panel should be labeled with letters. All cables of a particular letter connect to the same column. The colored wires are matched to the terminal screw of the same color. Keep in mind that often while wiring the panel, you are facing the back of the panel and therefore the left hand column will be to your right.

