

CCR 30 Contact Closure Remote Installation Guide

Installation

Step 1 — Prepare the Table

If necessary, cut a hole in the table surface as follows:

- Carefully cut the gray cut-out area from the full-size template.
- Tape the gray cut-out template to the underside of the table.
- Mark the cut-out line.

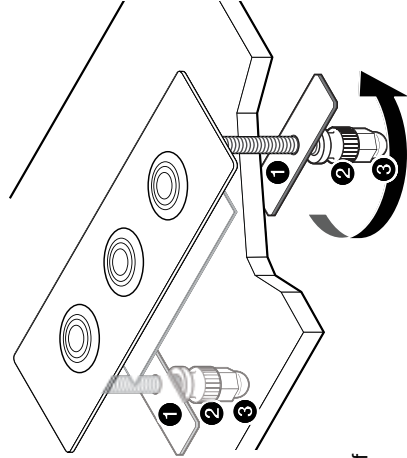
NOTE: Ensure the position and orientation are correct. Note the narrow tolerances for the cut. Extron is **NOT** responsible for mis-cut holes.

- Carefully cut along the lines drawn in step c and remove the material.
- Insert the CCR 30 into the hole and test the fit. If necessary, enlarge the hole with a rasp.

Step 2 — Mount the Panel

Mount the panel as follows:

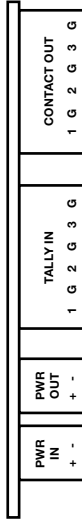
- Insert the CCR 30 into the hole in the table.
- Align the compression plates (1) so that they span the narrow sides of the cut.
- Rotate the thumb nuts (2) to tighten the compression plates against the underside of the table until the CCR 30 is secured.
- Tighten the acorn nuts (3) onto the threaded rods.



ATTENTION:

- Do not over-tighten the thumb nuts. Over tightening can bend the top panel.
- Ne serrez pas trop l'écrou à ailettes. Si l'écrou est trop serré, le panneau supérieur risque de se plier.

Connections



Power Input — Connect a 12 VDC, 1A source to power the panel.

Power Output — If desired, connect devices requiring 12 VDC to this daisy-chained output.

NOTE: The Contact Out and Tally pins are rated for 6 VDC. Verify third party devices do NOT exceed 6 VDC. See the CCR 30 specifications for more current limitations.

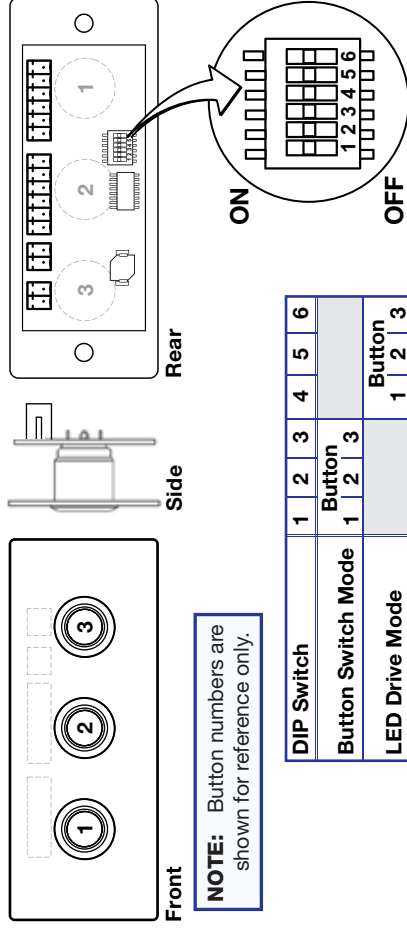
Tally Inputs — Connect devices that provide tally signals to control the button LEDs. When a tally input pin is open, the respective button LED is dim. When a tally input pin is shorted to ground, the button LED ring is bright.

Contact Outputs — Connect contact closure selectable switchers to select inputs on those switchers or perform toggle operations (act as a latching switch).

- Momentary switch (default)** — The contact output pin remains closed until the user releases the button, at which time it opens.
- Latching switch** — The contact output pin toggles to the closed state and remains closed until the button is pressed again, at which time it toggles to open.

CCR 30 Contact Closure Remote Installation Guide (Continued)

DIP Switch Configuration



NOTE: Button numbers are shown for reference only.

DIP Switch	1	2	3	4	5	6
Button Switch Mode	1	2	3			
LED Drive Mode	Button	1	2	3	Button	1
		2	3			2
						3

Button switch modes —

Off (default) — The associated buttons are set to momentary mode.

On — The buttons are set to latching mode.

LED drive modes —

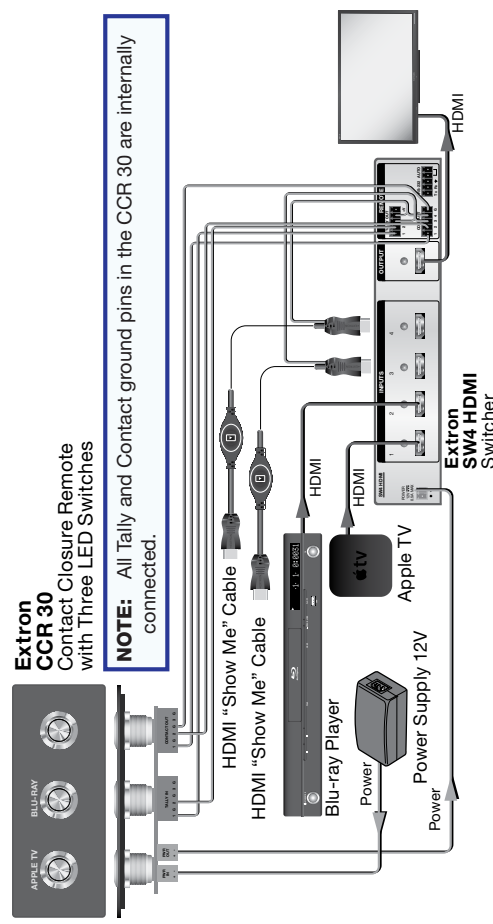
Off (default) — The button LEDs are driven by the tally input.

On — The button LEDs are driven internally (suggested for systems without tally inputs). The LED indications depend on the switch mode of the button:

- Momentary contact closure:** The normally dim LED lights brightly only while the button is pressed. The LED returns to dim when the button is released.
- Latching contact closure:** The normally dim button lights brightly only when the contact is latched closed (button pressed once) and returns to dim when contact is latched open (button pressed a second time).

NOTE: The button LEDs light and the momentary or latching contact closure features function only when 12 VDC is applied.

Typical Application



Extron CCR 30 Contact Closure Remote with Three LED Switches

NOTE: All Tally and Contact ground pins in the CCR 30 are internally connected.