

CCR-4BLB AAP and CCR-2BLB AAP • Wiring Guide

About the Contact Closure Control Panels

The Extron CCR-4BLB AAP and CCR-2BLB AAP are double spaced, control module architectural adapter plates (AAPs). As remote modules, these AAPs can control almost any contact closure controllable device such as Extron switchers and projection screens. They fit into all Extron AAP spaces and include options for two (CCR-2BLB) or four (CCR-4BLB) backlit buttons.

Externally powered, backlit buttons indicate system status by lighting high amber when the input is closed or low amber when the input is open (see "Inputs").

NOTE: The CCR AAPs **must** receive power for their buttons to light, but power is not required for contact closure usage.

The Extron Button Label Generator software, available for download at www.extron.com, creates customized labels with text or icons that fit into the button keycap.

Connectors

Power (12V) — The 2-pole connector is for a power connection to the control panel that lights up the buttons to low amber. Buttons light to high amber only when the Input pins are driven low (see "Inputs").

Inputs — Each button has an input pin for controlling button illumination. Driving an input pin low (shorting it to ground) causes the corresponding button to light high amber. Each input can handle 18V and sink 1.5mA maximum.

Outputs — Each button has corresponding output pins that are normally open (high). When the button is pressed the pins close (go low).



Figure 1. CCR-4BLB AAP Connectors



Figure 2. CCR-2BLB AAP Connectors

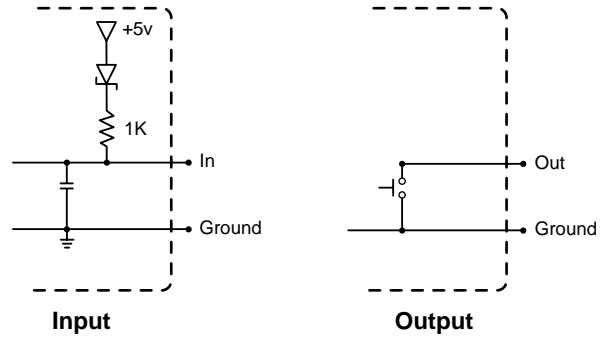


Figure 3. CCR AAP Input and Output Schematics

Installation

Install the CCR AAPs into any UL-listed products that accept AAPs.

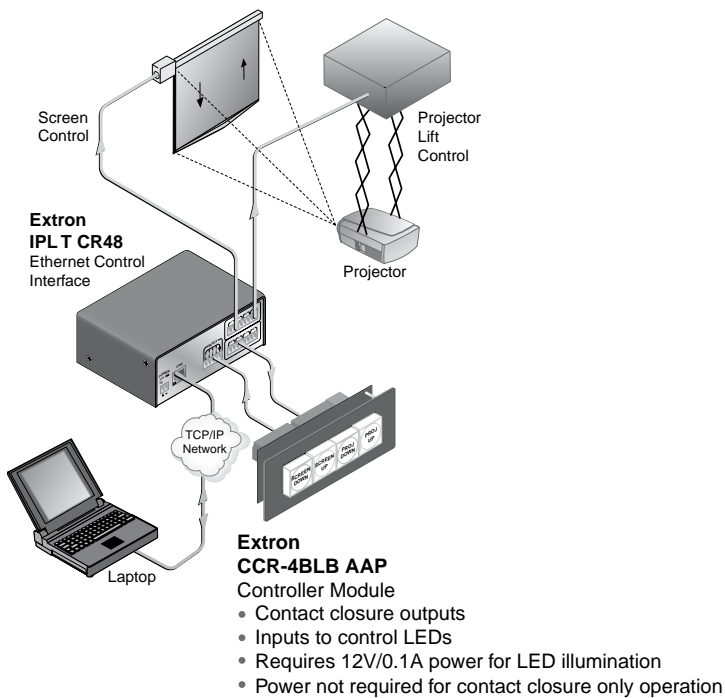


Figure 4. Typical CCR-4BLB AAP Application

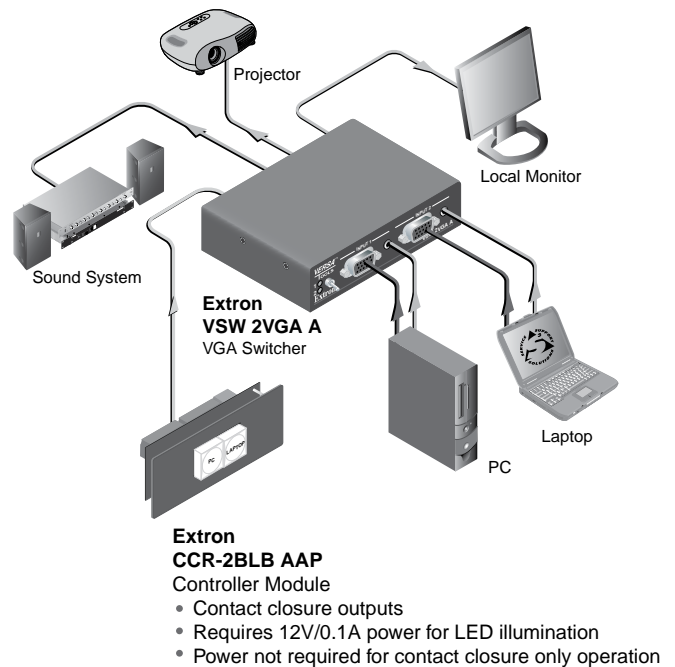


Figure 5. Typical CCR-2BLB AAP Application

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