



Control CRV



Frequently Asked Questions

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70V vs. Low-Z

Does the Control CRV work in both 70V and low impedance modes?

Yes, a rotary switch on the Control CRV's input terminal cup switches between low impedance and the multi-tap 70V tap settings. The 70V capability allows connecting a large number of speakers in parallel on one channel of a 70V power amplifier, which is important for commercial installations. The tap selector has settings for 30W, 15W, 7.5W and 3.7W. The low-impedance setting is 4 ohms.

Outdoors

Can both colors of Control CRV be installed outdoors?

Yes, they are both outdoor rated to IP-34. The input terminals are outdoor weather rated screw-down type, with nickel-plated-copper contact plate. External screws are stainless steel and the ports are screened to prevent infestation by pests.

Installing at Wall Junction

How does Control CRV install at a wall junction?

The included wall bracket can be installed at the junction of two walls (with the speaker oriented horizontally) or the junction of a wall and ceiling (with the speaker oriented vertically). The speaker simply slides onto the bracket.

How well do they work there?

The Control CRV forms a "dual ground-plane" with the two boundaries, acoustically coupling with both surfaces. This extends the apparent height of the speaker, giving a spacious sound. That said, the coupling increases the bass output relative to the mids and highs, so it is often desirable to use an EQ to reduce any bass build-up.

Combining in Multiples

By what method do they get installed together end-to-end?

For combining two Control CRV's (180° coverage for flat wall) or three Control CRV's (270° coverage for outside corner) together, the included wall brackets bolt together using included bolts. After bolting the brackets together the speakers simply slide onto the combined brackets. For combining four Control CRV's as a 360° cluster, you need to use the optional PMB-BK (or PMB-WH for white) pole-mount bracket. The bracket gets attached to a ceiling fan pole. Each of the four speakers slides onto this central bracket. In-depth instructions with diagrams are provided in the Owner's Manual, which can be downloaded on-line from the Control CRV page on the www.jblpro.com website.

Pole-Mounting

What size fan pole fits the PMB pole-mount bracket?

The PMB pole mount bracket is made for two diameters of poles. The PMB comes with a "Pole Bushing" that adapts between the two sizes. In the US, ceiling-fan downrods are standardized. Without inserting the pole bushing, the PMB works with downrods that are referred to in the US as ¾-inch downrods. With the pole bushing in place, it fits downrods that are called ½-inch.

These US sizes refer to the "Inside Diameter" (ID) of the pole. For outside the US, or for using with poles that aren't standard ceiling-fan downrods, the "Outside Diameter" (OD) of the rod is the relevant measurement. In general, the outside diameter (OD) of ¾" downrods range from about 24 mm (0.94 inches) to 26 mm (1.04 inches). The outside diameter (OD) of ½" downrods range from about 18 mm (0.708 inches) to 21 mm (0.83 inches). Poles with these outside diameters (OD's) fit the PMB, however it is the responsibility of the installer and system-designer to ensure that the selected pole fits properly with the PMB to ensure the safety of the installation and that it -- and all aspects of the installation -- meet all applicable code requirements. If there is any doubt, confer with a licensed PE or rigging professional.