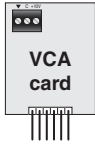


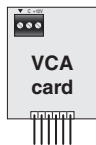
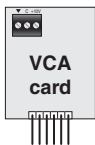


IWA250 VCA Packages Remote Control Options



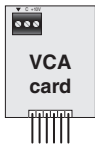
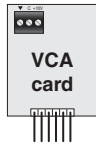
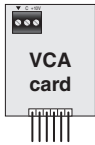
VCA-1

A single **VCA Card** for remote level control of an individual input or output. The VCA Card installs onto the IWA250 circuit board, and requires an external potentiometer to control.



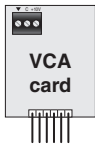
VCA-4

A package of four **VCA Cards** for remote level control of various inputs and/or outputs. The VCA Cards install onto the IWA250 circuit board, and require external potentiometers to control. A single potentiometer may be wired to multiple VCA Cards for combined control of a group of signals.



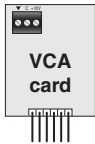
RCP-1

A package including a single **VCA Card** and an **RP-L1** remote panel. The VCA Card installs onto the IWA250 circuit board. The RP-L1 remote panel provides a 25k ohm linear taper potentiometer mounted on a grey 'decorator' style cover plate, with a single-gang 'cut-in' style PVC electrical back-box and pre-wired pigtail.

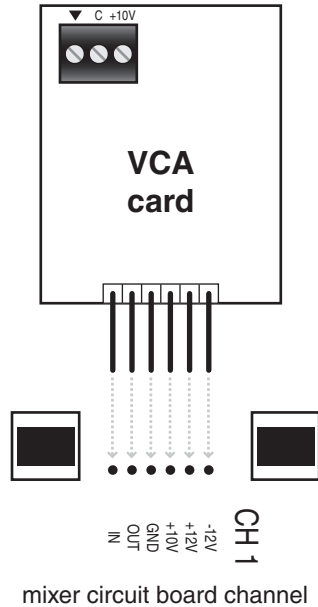


RCP-2

A package including two **VCA Cards** and an **RP-L2** remote panel. The VCA Cards install onto the IWA250 circuit board. The RP-L2 remote panel provides two 25k ohm linear taper potentiometers mounted on a grey 'decorator' style cover plate, with a single-gang 'cut-in' style PVC electrical back-box and pre-wired pigtails.



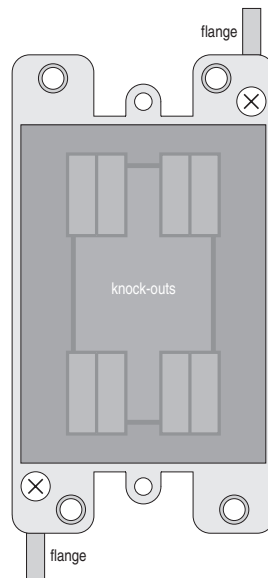
IWA250 VCA Card Installation



To install VCA Cards, first remove the jumper wires (between OUT and IN) on the respective channels/outputs of the mixer circuit board. Then install the two plastic support/guides (provided with each VCA Card) into the holes provided on the respective channels/outputs of the mixer circuit board (support/guides must be properly oriented to accept VCA Card). Once the support/guides are in place, slide the VCA Cards into the support/guides, making sure all pins on the VCA card slide fully into the corresponding holes in the mixer circuit board.

Once the VCA Cards have been installed, remote controls (such as RP-L1 & RP-L2) may be wired up to 2000 feet away, using 2-conductor shielded cable. Controls may be any 5k~50k ohm linear taper potentiometer and/or switch to provide adjustment and/or muting of the level. Potentiometers are wired with high-side to "+10V", low-side to "▼", and wiper to "C". The wiper of one potentiometer may be wired to the "C" terminal on multiple VCA Cards, allowing control of a group of signals from a single potentiometer. Switches simply connect (or disconnect) "+10V" to "C", and do not require a ground ("▼") connection. A combination of potentiometer and switch may be used, with the switch in line with either the "C" or "+10V" connection. NOTE: When a VCA Card is installed, but no control is connected, signal will not pass. To avoid this circumstance, a jumper wire may be temporarily connected between "+10V" and "C". Additionally, if VCA Cards are removed, jumper wires must be re-installed between OUT and IN on the respective channels/outputs of the mixer circuit board, before signal can pass.

Single-Gang Cut-In PVC Electrical Back-Box for RP-L1 & RP-L2



Mounting Surface may be from 1/8" to 1" thick.
(3.175mm to 25.4mm)

Mounting Cavity must be exactly 3.6" high,
2.25" wide, and at least 2.75" deep.
(91.44mm H x 57.15mm W x 69.85mm D)

