

Specifications:

Power: 12vdc 250mA wall transformer supplied

Bandwidth: 450MHz (-3dB)

Weight: 1lbs.

Warranty: 10 year limited

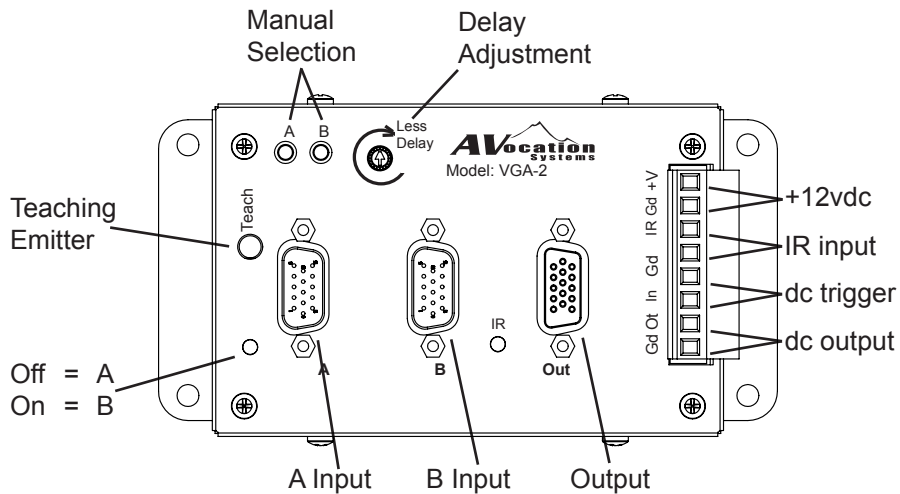
VGA-2

2-Input VGA Selector



10956 Ammons St.
Westminster, CO 80021
303-410-6639
www.avocationsystems.com

Thank you for purchasing the VGA-2 input selector. The VGA-2 is a high bandwidth 2 input RGBHv input selector allowing two different contents to be shared with a single input on a monitor or projector. The unit features both a manual mode and automatic mode to meet all of your installation requirements.



Power Connections

The VGA-2 requires 9-24vdc at 100ma in continuous operation. The startup current draw is 800ma for 50 milliseconds so your power supply must be able to supply that initial current rush. Most wall transformer supplies are able to supply the current required. Some regulated supplies may limit the inrush current well and may not work unless they are rated above 800ma continuous duty.

Operating via Infrared Control

The VGA-2 can be controlled via IR remote signals. The IR input connection through the terminal block allows the VGA-2 to be hardwired into the IR repeater system. The VGA-2 will operate on any repeater system that is based on 0vdc for no IR signal and +5 to +12vdc for an active IR signal. The VGA-2 infrared commands operate at 38KHz.

When an IR code is being received through either method, the IR confirm LED will blink

Teaching IR Commands

The VGA-2 is capable of teaching it's 38KHz IR control codes to most models of learning remotes and controllers. The teaching emitter will output the code for an input selection when a source selection button is pressed on the unit.

Placing the VGA-2 into Automatic Mode

The VGA-2 ships with the default mode set as manual control. This allows infrared, dc voltage and pushbutton control of the unit.

The VGA-2 can be operated in an automatic mode that will switch to the B input on detecting a video signal. When the signal is no longer present on the B input the VGA-2 will switch back to the A input.

To change the VGA-2 into the automatic mode a jumper inside the unit needs to be placed across two terminals. The default has the jumper attached to just one of the terminals.

Remove the four outside screws and remove the back housing cover.



Place the jumper across both automatic mode terminals and reassemble the back housing cover to the unit.

