

UNIVBSCM-1

Intelligent 4 Camera Switcher for Controlling Front, Rear, and Blind Spot Cameras

Introduction & Features

This switcher is an intelligent 4 camera switcher for controlling front, rear, and blind spot cameras. Manually connect cameras and trigger wires. This switcher accepts pulsed or constant inputs

Important Notes

This switcher video output will always default to the signal from Input 1 when none of the input triggers are activated. This Input is ideal for connecting the rear (reverse) camera.

This switcher inputs have priority in descending numerical order. For example: If you have Input 3 or 4 triggered, then you trigger a lower number input (for example Input 2), Input 2 will take priority over the higher numbered input.

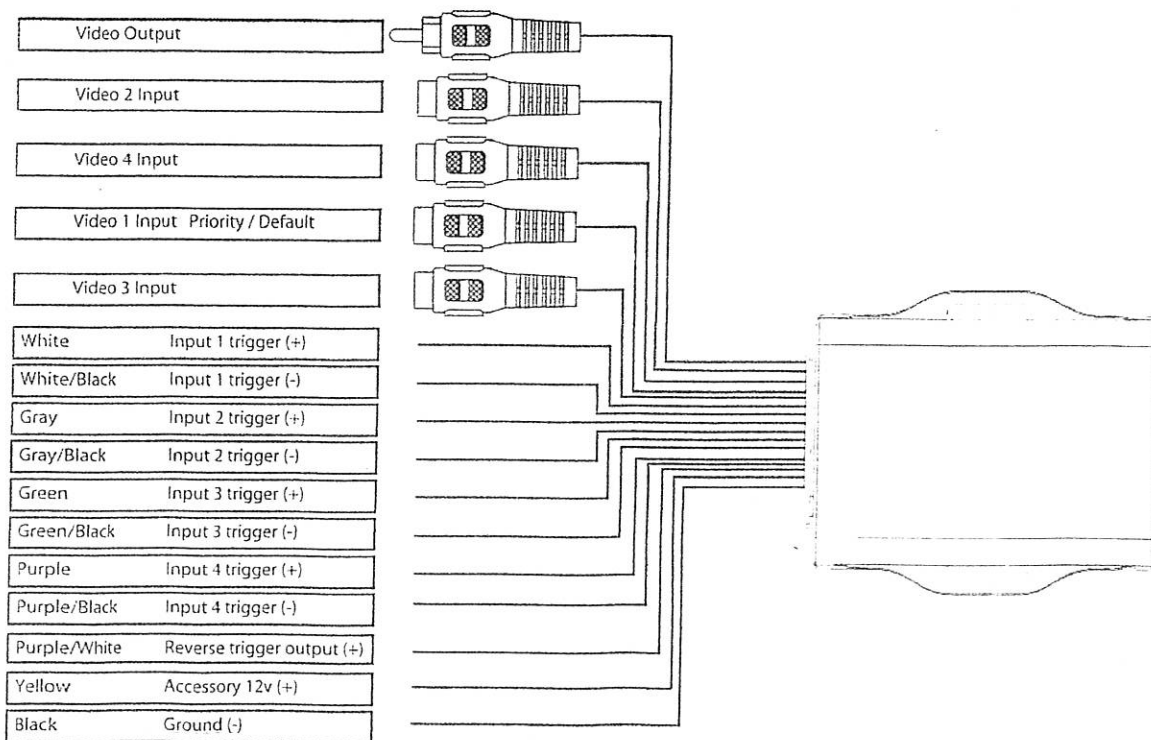
The input triggers can accept either a pulsed or constant input, making them ideal for connecting to a turn signal as a trigger. The reverse trigger output will provide a 150 mA 12v (+) trigger while any of the input triggers are activated.

Upon deactivation of the last positive or negative trigger, the last video input source and the reverse trigger output will remain active for an additional 3 seconds.

If there is poor video quality after installation of this module, please ensure quality connections on any RCA connections.

Positive Input triggers accept input voltages in the range of 2v to 12v.

Wiring Connection Chart



TECH TIP FOR NAV MODELS

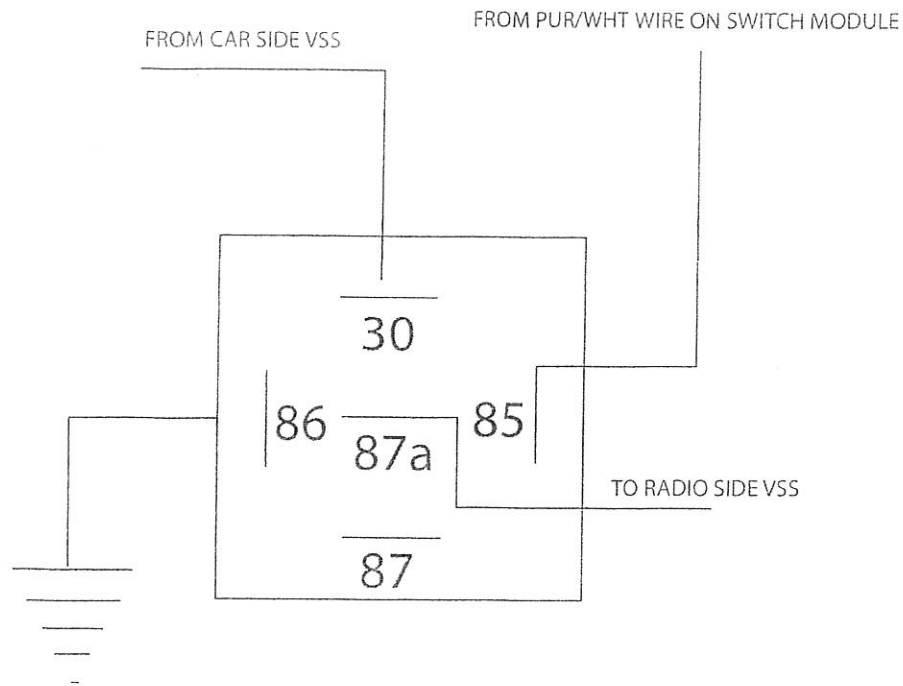
Toyota nav models will require an additional step when adding the side view camera system to it.

Step 1: Locate Pin 17 on the 20 pin plug at the back of the radio.

Step 2: Confirm this is the Vehicle Speed Signal Wire.

Step 3: You will be clipping the VSS to add a relay in between.

Step 3: Take a standard 30A relay and connect as follows:



This will allow the module to temporarily open the VSS wire while the turn signals are engaged. Once they are disengaged, the relay will reconnect the VSS to the radio.