

## Be Sure To Ask Your Autosound Specialist About These Other Exciting SoundGate Products...

- Competition-Grade Interfaces for adding amplifiers
- Remote audio control interfaces that let you control aftermarket receivers and CD players from your factory rear seat, or steering-wheel-mounted audio controls.
- And many others!

*Simple-fi™*

### *Why SoundGate Dealers have the edge...*

The technologies used in today's vehicles are as sophisticated as any laptop computer. At SoundGate we believe these new technologies are full of opportunities for mobile electronic dealers across the nation. We make it a high priority to not only research these new systems, but to understand them and their impact on the aftermarket car audio industry. Armed with this knowledge, we are well equipped to help you integrate new components into these systems with our innovative, high-performance interfaces and unparalleled technical support.

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If you feel that you cannot agree with the above limitations, please return this product to the dealer you purchased it from, or call SoundGate Customer service at 800-256-0808 for a Return Authorization number, and return the product to SoundGate for a credit or refund.

VIDVWTRG1V4



#### *Purpose...*

The VIDVWTRG1V4 allows you to add up to 2 video signals (DVD, VCR, rearview camera, game console, etc.) to the factory navigation systems in the Volkswagen Touareg. **Note:** The VIDVWTRG1V4 also provides one stereo audio input.

#### *Features...*

The VIDVWTRG1V4 utilizes microprocessor control, ultra-reliable surface-mount construction, and advanced firmware design, to flawlessly match the video signal from the new sources to the factory system. The VIDVWTRG1V4 is also equipped with brightness, color, contrast and tint adjustments to allow you to get the best quality picture possible.

*The SoundGate VIDVWTRG1V4 works in the following Volkswagen vehicles, when equipped with factory navigation:*

**2003-06 Touareg**

*Simple-fi™*

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If you experience any problems, call SoundGate Technical Support at 800-256-0808  
or e-mail us at [sgtech@soundgate.com](mailto:sgtech@soundgate.com)

# VIDVWTRG1V4 INSTALLATION INSTRUCTIONS

## IMPORTANT WARNING!

**It is illegal in all 50 U.S. states, and in most Canadian provinces, to have real time video (TV broadcast, VHS, DVD video, etc.) in view of the driver.**

**IF YOU ARE GOING TO USE THE SOUNDGATE VIDEO INTERFACE FOR ANYTHING OTHER THAN INTERFACING A REARVIEW CAMERA SYSTEM, THE BLUE INTERLOCK WIRE ON THE SOUNDGATE VIDEO MODULE MUST BE PROPERLY CONNECTED TO PREVENT THE DRIVER VIEWING REAL TIME VIDEO WHILE THE VEHICLE IS IN MOTION.**

**We do not want to put our dealers in a position of liability, nor our customers in danger in the event of an accident due to driver distraction.**

**If you do not intend to comply with applicable law, please return the SoundGate video module to the dealer it was purchased from, or to SoundGate if it was purchased direct. Call SoundGate Customer Service at 800-256-0808 for a Return Authorization.**

## Preliminary:

- A. Please consult a factory service manual for exact location and disassembly instructions if you are unsure of the procedure. Pay close attention to any warnings or instructions regarding working in or around airbags.
- B. Turn the ignition key to the "Off" position.
- C. Make sure the car's factory radio is turned to the "Off" position.

## Step 1

### Verify DIP switch settings on VIDVWTRG1V4 module

On the end of the module as shown in the photo at lower left, you will see a red 5-position DIP switch. Verify that the switches are set as follows (On = **down**, Off = **up**):

2, 3 = on (down)      1, 4 and 5 = off (up)

## Step 2

### Install the video source unit(s)

Referencing the instructions provided with your video source units, install the components in the desired locations. Route the video cables and any required power, ground, and trigger wires to the factory amplifier location for connection to the VIDVWTRG1V4.

## Step 3

### Connect black connector to open port on rear of radio

- A. You will be connecting the SoundGate VIDVWTRG1V4 at the factory navigation radio. Gain access to this location.
- B. Press the locking tab on the black housing adjacent to the black locking arm, and rotate the locking arm 90°. Insert connector into port on rear of radio and rotate locking arm back to lock connector in position.
- C. Plug the white 16-pin molex-style connector into the video module.

## Step 4

### Connect audio RCA's from video source

If applicable, connect the audio RCA's from your video source to the RCA's on the VIDVWTRG1V4 cable.

## Step 5

### Connect remaining wires

Referencing Figure 2 and 3 on page 3, connect the remaining wires on the VIDVWTRG1V4 harness. One of the options shown will cover most installations.

Consult the documentation that came with your video component to determine which of these is appropriate for your installation.



Inputs and Controls



Inputs and Controls

# VIDVWTRG1V4 INSTALLATION INSTRUCTIONS

## Step 5 Reinstall radio and test operation

- A. If you have installed a rearview camera, start the vehicle, turn on the radio and navigation system and put the vehicle in reverse. The navigation display should change to show the view from the camera. Shifting the vehicle out of park should return you to the navigation display. If necessary, adjust the brightness, color and contrast with the controls on the VIDVWTRG1V4.
- B. If you have installed a video system, with the vehicle in park gear, and the parking brake on, activate the video source. The navigation display will change to show the video source.
- C. With the video source active and playing, test the video interlock by taking off the parking brake. The navigation display should return.

## Step 6 Finish installation

Once testing is done and the system is functioning properly, reinstall the all trim panels removed during installation. Installation is complete!

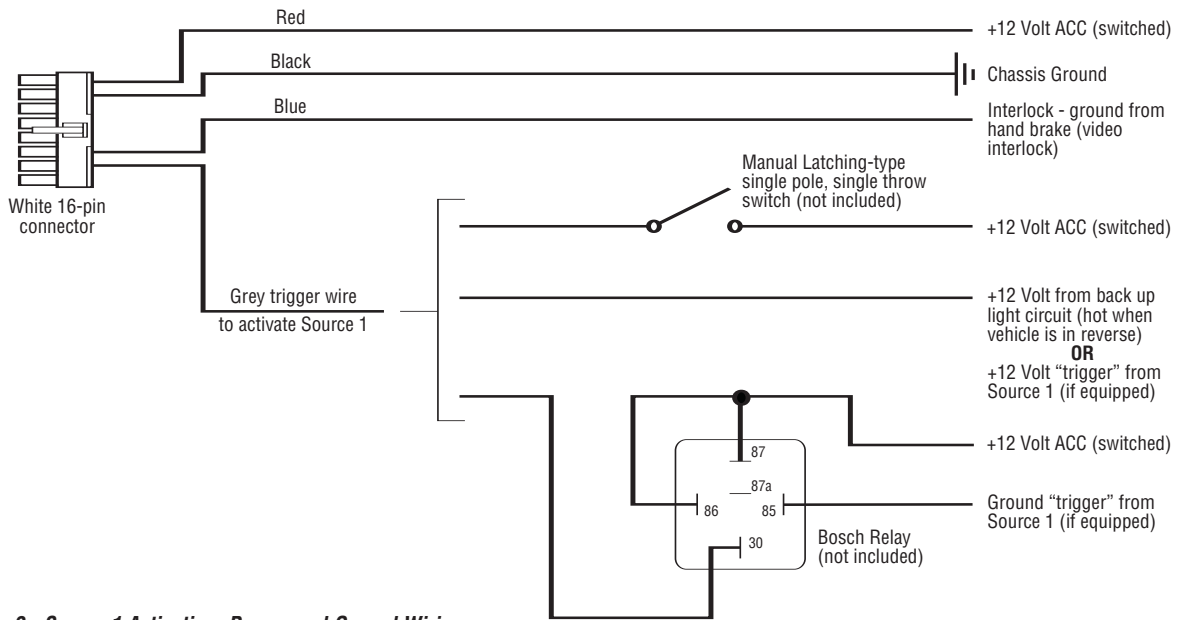


Figure 2 - Source 1 Activation, Power, and Ground Wiring

## VIDVWTRG1V4 OPERATION

**Rearview camera:** If you have installed a rearview camera system, and have the camera video signal connected to Video 1, with the grey Source 1 trigger wire fed from the back up light circuit, when you put the vehicle in reverse, the VIDVWTRG1V4 will automatically switch the screen display to the rearview camera.

**Adjusting picture quality:** VIDVWTRG1V4 module is equipped with brightness, color and contrast adjustments. **Note:** Adjustments affect both Video 1 and 2 equally (cannot be set individually).

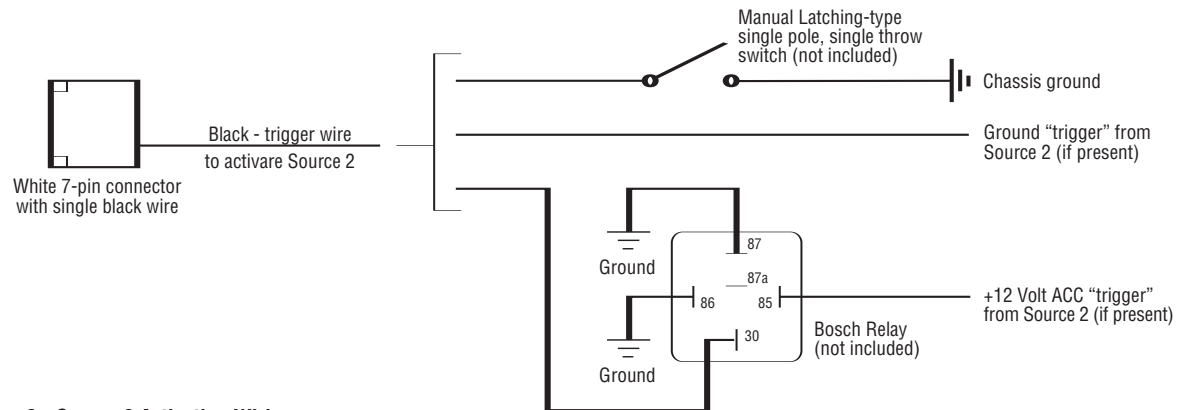


Figure 3 - Source 2 Activation Wiring