

# SDSCR2



## Purpose...

The SDSCR2 docking harness, with included interface, allows you to input the audio from not one, but two audio sources to the Chrysler Corporation vehicles (rounded-style



radio) listed below. Each Docking harness comes complete with a remote control cable with a selector switch that allows the user to easily change from main source, to Input A, to Input B and back again.

## Features...

Advanced full-bandwidth circuit design, complete DC isolation, high quality small signal relays and factory-match connectors for an easy, reliable, great sounding installation.

## Applications

### Chrysler

- 2002-04 300M
- 2002-04 Concorde
- 2002-03 LHS
- 2002-05 Neon
- 2004-08 Pacifica\*
- 2002-05 PT Cruiser
- 2002-06 Sebring
- 2002-06 Town & Country\*
- 2002-03 Voyager

### Dodge

- 2002-06 Caravan\*
- 2002-06 GrandCaravan\*
- 2002-04 Dakota
- 2002-03 Durango
- 2002-04 Intrepid
- 2002-05 Neon
- 2002-05 Ram Pickup
- 2002-05 Stratus

### Jeep

- 2002-04 Grand Cherokee
- 2002-05 Liberty
- 2003-06 Wrangler

Simple-fi.™

\* Factory DVD Installed

### Application Note:

The vehicle must be equipped with a remote-mounted, direct-connected CD or CD/DVD changer (not FM modulated), or factory Satellite Radio in order to use the SDSCR2. If you do not have a CD changer, our AUXCRSQ Auxiliary Input Interface may be your answer. Check out [www.soundgate.com](http://www.soundgate.com) for more information.

## Installation Instructions...

### Preliminary:

- A. Turn the ignition key of the car to the "Off" position.
- B. Make sure the car's factory radio is turned to the "Off" position.
- C. Eject the magazine from the CD changer.

### Step 1

#### Gain access to the interfacing location for your SDSCR2

- A. You will be connecting the SoundGate Docking Station (SDSCR2) at the rear of the factory radio. Please consult a factory service manual for exact disassembly instructions if you are unsure of the procedure. Gain access to this location.

### Step 2

#### Disconnect factory radio connectors

- A. Disconnect the factory CD changer connector at the rear of the factory radio (similar to connector shown in Figure 1). Plug the GREY 10-pin male connector on the SDSCR2 (Figure 1) into the factory radio.
- B. Plug the factory CD changer connector into the female 10-pin connector (Figure 2) on the SDSCR2.

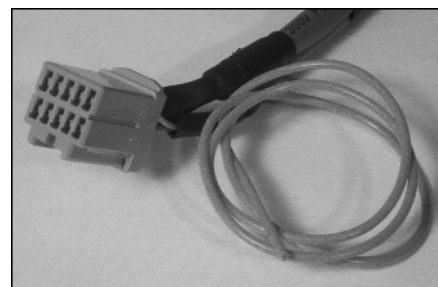


Figure 1

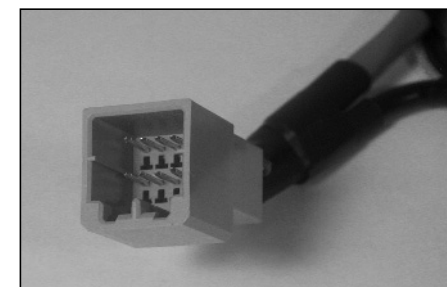


Figure 2

### Step 3

#### Connect black ground and red power wires

- A. Connect the black ground wire with the ring terminal to a good clean bare metal ground point behind the factory radio. We **DO NOT** recommend using the factory ground wire in the radio harness.
- B. Install a 2 Amp fuseholder in the red pigtail on the SDSCR2 harness and connect to a +12 Volt switched source.

## Step 4

### Connect the SDSCR2 to the SDS1V2

- A. Plug the white 12-pin connector from the SDSCR2 cable into the SDSCR2 interface (Figure 3).



Figure 3

## Step 5

### Securely mount the SDSCR2 interface

- A. Mount the SDSCR2 interface securely. This can be done in several ways including double-stick tape and wire ties. If using wire ties, make certain you do not put undue pressure on the RCA's or the 12-pin connector going into the SDSCR2 interface.

## Step 6

### Find a convenient location for the selector switch

- A. Find a convenient location to mount the selector switch (Figure 4). If you do not wish to drill mounting holes in the dashboard or trim, you can fabricate a small mounting plate.
- B. Route the switch harness to the desired location. Unplug the white connector approximately 18 inches from the switch for easier installation.
- C. Mount the selector switch.

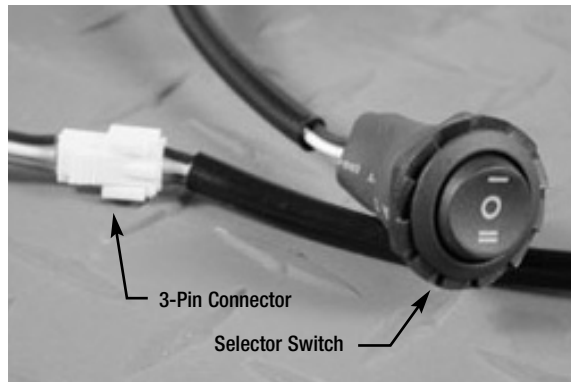


Figure 4

## Step 7

### Install and connect the new audio source(s)

- A. Install the new audio source component(s) and accessories per the manufacturer's instructions.
- B. Route the RCA audio cables from the new component(s) to the SDSCR2 interface and connect to the RCA's (labeled Input A and Input B). If you are only using one pair of inputs on the SDSCR2 interface, we recommend putting electrical tape over the unused pair of RCA inputs to prevent unintentional grounding.

## Step 8

### Installation is complete

- A. Reinstall the factory radio and any trimpanels removed during installation.
- B. Make certain that all cables are tucked out of the way and that no undue stress is placed on any connection.

## Step 9

### Test for correct operation

- A. Reinsert the magazine into the CD changer (wait for 10 to 15 seconds for the CD changer to initialize), then turn on the key, and the radio. Place the SDSCR2 selector switch in the center position.
- B. Press the CD button on the radio and wait for the CD changer to begin play.  
**Note: The CD changer must be active (running) to listen to Input A or Input B.**
- C. Activate your auxiliary audio source. Press the SDSCR2 selector switch to the left or right to select "Input A" and "Input B." The audio from source "A" will begin to play over the vehicle audio system when "Input A" is active. Adjust the gain on your auxiliary source to match the level on the CD changer.
- D. If you have connected a source to "Input B," move the SDSCR2 selector switch to the other position. The audio from source "B" should begin to play over the vehicle audio system when "Input B" is active.

#### Notes:

1. With some auxiliary audio sources you may not be able to match the volume level of the factory CD changer, even with the gain on the auxiliary component at maximum. You may also experience audible noise with the gain on the auxiliary unit at or near maximum. This is an indication that the output signal from your auxiliary source is not strong enough. Installation of a high-quality line driver will be required in these instances. The SoundGate VIDAOC1 is a high-performance 4-channel line driver can be used to boost the signal coming out of your auxiliary audio components.
2. Control of the components connected to Input A and B is per manufacture's directions and via the individual components controls. SDSCR2 remote selector switch is only for switching between sources.