

# SDSHOND



### Purpose...

The SDSHOND Docking harness (with its included interface),

allows you to input the audio from two audio sources to the 1998-2004 Honda and Acura vehicles listed below. Each docking harness includes a remote control cable with a 3-position selector switch that allows the user to easily select

between factory CD changer, Input A, and Input B.

### 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.

### The SDSHOND works in the following vehicles:

#### ACURA

- 1998-2004 CL 2.2 / 3.0 / 3.2
- 1998-2001 Integra
- 2001-2006 MDX
- 2004-2006 RSX
- 1998-2003 TL2.5 / 3.2 (w/o Navigation)

#### HONDA

- 1998-2002 Accord
- 1998-2005 Civic
- 1999-2006 CRV
- 2003-2006 Element
- 2000-2005 Insight
- 1998-2005 Odyssey (w/o Navigation)
- 2003-2007 Pilot
- 1998-2002 Prelude
- 2000-2005 S2000

## Simple-fi.™

### IMPORTANT!

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

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## 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 Docking Station

- A. You will be connecting the SoundGate Docking Station (SDSHOND) 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 blue 12-pin male connector on the SDSHOND (Figure 1) into the factory radio.

- B. Plug the factory CD changer connector into the female 12-pin connector (Figure 1) on the SDSHOND.



Figure 1

### 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 SDSHOND harness and connect to a +12 Volt switched source.

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**Step 4** *Connect the SDSHOND cable to the interface*

- A. Plug the white 12-pin connector from the SDSHOND into the SDSHOND interface (Figure 2).

**Step 5** *Securely mount the SDSHOND interface*

- A. Mount the SDSHOND 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 SDSHOND interface.

**Step 6** *Find a convenient location for the selector switch*

- A. Find a convenient location to mount the selector switch (Figure 3). 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 (Figure 3) approximately 18 inches from the switch for easier installation.
- C. Mount the selector switch.

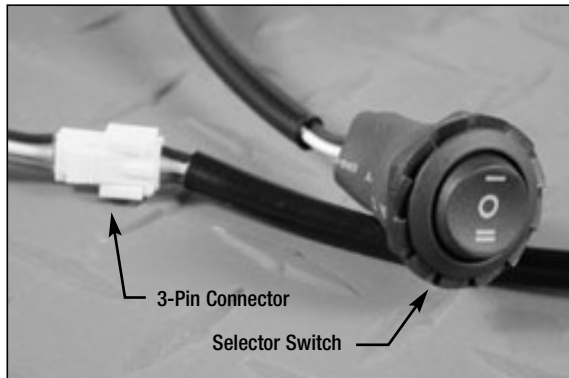


Figure 3

**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 SDSHOND interface and connect to the RCA's (labeled Input A and Input B). If you are only using one pair of inputs on the SDSHOND, we recommend putting electrical tape over the unused pair of RCA inputs to prevent unintentional grounding.



Figure 2

**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 SDSHOND 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 SDSHOND 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 SDSHOND 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 manufacturer's directions and via the individual components controls. SDSHOND remote selector switch is only for switching between sources.