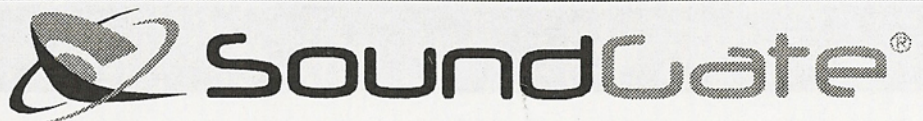


AUX3



Purpose...

With the wide variety of audio sources available today (MP3, Satellite Radio, DVD, PlayStation, Xbox, etc.), you should not have to choose just one to input to your mobile audio system. The SoundGate AUX3 is a full-bandwidth, high-performance audio switching device which allows you to easily select between 3 separate audio sources. As an example, you can input the audio from an MP3 player (iPod, etc.), DVD player, and a game console (PlayStation, Xbox, etc.) to your audio system, and select between them with the simple flip of a switch.

Features...

High quality close-tolerance components, gold-plated RCA input and output connectors, full DC-isolation, and high-quality signal relays with silver-plated contacts ensure reliable, noise-free operation with no ticks or pops.

Working with a factory audio system?

The SoundGate **Docking Station (#SDS1V2)** utilizes the same high-performance design as the AUX3, and along with one of our vehicle-specific cables (sold separately), will allow you to input 2 additional sources to your factory system.

Application Note:

To use the SDS1V2, the factory audio system must have a direct-connected CD changer (not FM modulated) installed (factory or aftermarket). If you do not have a CD changer, check out our growing line of **Auxiliary Input Interfaces**. For more information, call SoundGate Technical Support at 307-674-4707.

IMPORTANT NOTE ON GROUNDING

Ground the AUX3 at a separate clean bare metal ground point. We do not recommend using the ground wire in the factory wiring harness.

Preliminary:

- A. Turn the ignition key to the "Off" position.
- B. Make sure the audio system components are turned to the "Off" position.

Step 1 Gain access to the proper interfacing location for the AUX3.

- A. The installation location for the AUX3 will vary from vehicle to vehicle. Please consult a factory service manual for exact disassembly instructions if you are unsure of the procedure. Pay close attention to any warnings or instructions regarding working in or around airbags.

Step 2 Install the AUX3

- A. Choose a convenient location to mount the AUX3.
- B. Route the switch harness to the switch mounting location and mount the selector switch. Approximately 18" from the switch is a small white connector which can be disconnected to allow easier routing and installation of the switch and associated wiring. Make sure and reconnect this connector after installation.

Note: If it is necessary to extend the wiring on the switch harness, use minimum 18 gauge stranded copper. We recommend soldering all wire-to-wire connections.

Note: In some instances, the protective shrink tubing on the rocker switch may need to be trimmed for removal and re-installation of the mounting nut.

- C. Connect the black wire with the ring terminal to a good bare metal chassis ground point. DO NOT use the ground in the factory wiring harness.
- D. Install a fuse holder with a 1 Amp fuse in the red wire and connect to a +12 Volt switched source. DO NOT use the switched 12 Volt in the factory wiring harness.

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THE SOUNDGATE DOCKING STATION

The addition of aftermarket components to factory audio systems is one of the fastest-growing segments of the aftermarket industry. This is a trend that will continue to grow at an accelerated rate in the coming years. The new "SoundGate Docking Station", the SDS1V2, is the most exciting product to come along in this segment of the industry! The SoundGate Docking Station is designed for use in vehicles which have a CD changer installed, and allows you to input the audio from two additional audio sources over the existing CD changer audio wiring.



SoundGate's Docking Station principle is easy to sell, and to understand... The SDS1V2, shown at left, is capable of working with any factory or aftermarket radio that is CD changer control ready, and has a CD changer installed. One vehicle-specific docking cable (sold separately) is required for each installation. The Docking Station cables include a remote control harness with a three-position rocker switch. In the center position the audio from the CD changer is active. Moving the switch to the left or right will select the other audio sources.

Step**3*****Install the auxiliary components per the manufacturer's instructions***

- A.** Choose a convenient location to mount the auxiliary component(s). Following the instructions supplied with the component(s), complete the installation.
- B.** Run the audio cables from the new component(s) to the SoundGate AUX3.
- C.** Connect the RCA cables from the new components to the AUX3. We recommend connecting the component you will listen to most to the RCA's on the white connector labeled "Main Input". When the selector switch is in the center position, the relays are not energized, and the "Main Input" is active. Connect up to two more components to the RCA's on the opposite end of the AUX3 labeled "Input A" and "Input B".

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Operational Notes

- A.** The 3-position selector switch is used to switch between audio sources. In the centered position, the RCA's labeled "Main Input" are active and connected to the RCA's labeled "Main Output". We recommend connecting the source you will be listening to the most to the RCA's labeled "Main Input".
- B.** Move the selector switch to either the right or left position to listen to the sources connected to the RCA's labeled "Input A" and "Input B".
- C.** The output on many portable players (MP3, Mini Disc, CD) may be too low to match the level of a typical car audio system, and may require the use of a line driver to boost the signal up enough for adequate performance. The SoundGate **VIDAOC1** is a high-performance 4-channel line driver which is perfect for such applications.

If you experience any problems, call SoundGate Technical Support at 307-674-4707 or e-mail us at sgtech@soundgate.com

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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.
- Compact Discs specifically engineered for testing your autosound system.
- And many others!



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.

An Example AUX3 Configuration

