

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.

www.soundgate.com

ABMW35V5

SoundGate



Purpose...

The ABMW35V5 lets you add an **Alpine 6-Disc, CD changer (CHM-S611, S620, S630, or CHA-S634 with Alpine '130B adapter cable)** directly to BMW and Mini Cooper factory audio systems. In BMW's and Mini Coopers, the ABMW35V5 plugs into the factory

AUX INPUT
CAPABLE

CD changer wiring. **The ABMW35V5 will also function as an auxiliary input interface** when used with the SoundGate AUXCBLALP cable (sold separately).

Note: When used as an auxiliary input interface, a CD changer cannot be used.

The SoundGate ABMW35V5 works in the following vehicles:

BMW

3-Series (including Z and M-Series): 1996-2005 (Excludes 1996 318ti)
5-Series: 1997-2003 (Additional interface required for DSP system*)
7-Series: 8/98 thru 2001 (Additional interface required for DSP system*)
X5: 2000 - 2005 (Additional interface required for DSP system*)
Z4: 2003-2006 (Additional interface required for DSP system*)
Z8: 2001-2003 (Additional interface required for DSP system*)

Note: ABMW35V5 works perfectly with Navigation systems.

* - If the vehicle is equipped with the factory DSP audio system, a SoundGate #BMWDSPP will be required in addition to the ABMW35V5 (sold separately)

Mini Cooper
All - 2002-2006

Simple-fi.™

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

- Auxiliary Input Interfaces and Docking Stations which allow you to input the audio from MP3, DVD/Video, Satellite Radio, and more to OEM and aftermarket car audio systems
- High-performance Radio Replacement Interfaces for seamlessly integrating new receivers or CD players into OEM audio systems
- 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!

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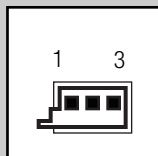
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Compatible ALPINE CD Changers:

6-Disc M-Bus: CHM-S611, S620 or S630
6-Disc AI-Net: CHA-S634 or S614 with SoundGate SG-130B adapter

BEFORE YOU BEGIN INSTALLATION...

- Some BMW's are factory wired for a cellular phone. Except for wire location, the cell phone connector looks identical to the 3-pin connector used for the CD Changer. The 3-pin connector for the CD Changer has the BROWN wire (ground) in the #1 pin position (the side with the steps in the housing - see diagram at right). The **INCORRECT** connector has the BROWN wire in the center position. Make certain you plug the correct connector into the SoundGate interface. Plugging the CD changer interface into the incorrect connector will destroy the interface and void the warranty.
- If installing the ABMW35V5 in a 1997-98 BMW Z3 or M Roadster or coupe, inspect the factory 3-pin connector at the changer installation location. If the connector only has 2 wires, then the data bus wire was not installed by BMW during vehicle production. This wire will have to be installed before installation of the CD changer. Return the vehicle to a BMW dealer and reference BMW Bulletin# 65 16 98, dated February 1999.
- In some 2002 model year and later vehicles, BMW has placed a square, plastic shroud over the six pin connector. This shroud prevents the six pin connector from plugging into the ABMW35V5. This shroud is easily removable, however, with the shroud removed, the connector can be inserted either way. **Make sure and match the pin numbers on the face of the factory 6-pin connector to the numbers adjacent to the pins inside the 6-pin connector on the ABMW35V5.**



Features...

The ABMW35V5 utilizes sophisticated microprocessor control, ultra-reliable surface-mount construction, and advanced software design to flawlessly match the Alpine CD changer to the BMW, Mini Cooper and Land Rover operating systems.

Preliminary:

- Turn the ignition key of the car to the "Off" position.
- Make sure the car's factory radio is turned to the "Off" position.

Step

1

Gain access to the proper interfacing location for your ABMW35V5.

- You will be connecting the SoundGate ABMW35V5 in the trunk of your car. Please locate the factory CD Changer cable located in the left or right rear corner of your car's trunk. Depending on your vehicle model, the factory cables may be attached to either the factory CD Changer mounting assembly or behind the right rear corner trim material.
- The ABMW35V5 can be conveniently secured to any chosen location by using its mounting tabs. Nylon wire-ties, or velcro, can be used to secure the ABMW35V5. Ensure that the cables that enter and exit the ABMW35V5 do not place undue stress on the ABMW35V5 connectors.

Alpine CHA-S634, S624 or S614 Changer

If you are using one of the 6-disc AI-Net changers listed above, you will need to purchase the SoundGate SG-130B AI-Net to M-Bus adapter cable.

Prior to connecting the changer set the small switch adjacent to the magazine eject switch to the "M-Bus" position. Consult the instructions that came with your changer for the proper switch position.

Step 2 Mount the ALPINE CD Changer at the desired location and connect the cables.

- A. Mount the ALPINE CD Changer as per the instructions packaged with the Changer.
- B. Plug the ABMW35V5 into your car's factory CD Changer wiring.
- C. Securely run the connecting cable supplied with the ALPINE CD Changer from the changer, to the ABMW35V5.
- D. Plug the cable into the ALPINE CD Changer and into the ABMW35V5.
Note: Depress the locking tab of the Alpine DIN cable as you plug the cable into the ABMW35V5, and the CD changer.
- E. Replace any panels that you removed for access, and your installation is complete!

Step 3 Important! After installation, follow these steps.

- A. With radio and car turned off, load the CD changer magazine and insert it into the changer.
 - B. Allow CD Changer to complete initial sequencing (wait until changer stops making sound).
 - C. **THEN**, turn on radio and let it play for about 10 seconds. **NEXT**, push CD button to test CD operation.
- NOTE:** This procedure is only required during initial installation.

Operational notes for controlling your new Alpine CD Changer using your factory BMW radio...

CD Changer operation from the factory radio is as per the vehicle owner's manual with the exception of the following operational functions.

1. Scan Mode:

Scan mode will not be displayed when selected. However, once the "scan" button has been depressed this feature will come into operation. Depressing "Scan" button again will deactivate this function.

2. Disc Selection:

Pressing the Pre-Set buttons 1-6 allows you to go directly to the given disc. If a disc is not present in the selected position the Changer will automatically try the next sequential location. This operation differs from the original "BMW" CD Changer. The original "BMW" system will display "No Disc" if no disc is present.

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

Sample Auxiliary Input Configuration

