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Compatible iPod & iPhone

iPod 5th generation (video)* 30GB 60GB 80GB	iPod nano 5th gen. (video camera) 8GB 16GB 32GB
iPod classic 80GB, 120 GB, 160GB	iPod touch 1st gen 8GB 16GB 32GB 2nd gen 8GB 16GB 32GB 64GB
iPod nano 3rd generation (video) 4GB 8GB	iPhone & iPhone 3G 4GB 8GB 16GB
iPod nano 4th generation (video) 8GB 16GB	iPhone 3GS 16GB 32GB

* Must be used in locked mode.

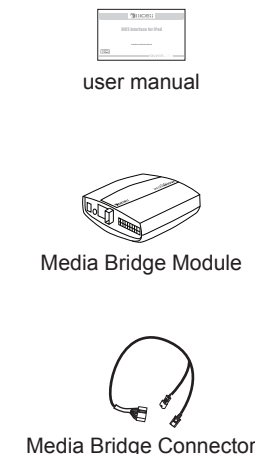
MEDIA BRIDGE

MB-1000-BMW integration solution for BMW/MINI COOPER vehicles

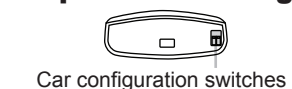
Installation Guide/User Manual

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Media Bridge kit contents



Dip switch setting



OFF OFF Recommended for single line display or non-navigation radio system.

ON OFF Recommended for multi-line display or navigation radio system.

Getting started

Press **MODE** or **CD** to select Media Bridge.

Audio Source Selection*:

Use the **Left/Right** within the first 5 seconds to cycle between USB iPod / USB Memory > AUX > SIRIUS while in DISC 1

*USB is only selectable if a USB flash drive or iPod is attached. SIRIUS is only selectable if a SIRIUS tuner is attached.

Media Bridge Interface Settings (within first 5 seconds):

Select DISC 2 to set charge time after ignition off (for iPod).

Select DISC 3 to change base volume.

Select DISC 4 to set up scrolling text option.

Select DISC 5 to set up radio line display type.

Select DISC 6 to view Media Bridge firmware version. (Select DISC 1 to apply settings and resume audio playback.)

iPod hold ON	Text display	Radio control	iPod control
	All	✓	✗

Before connecting the iPod to the Media Bridge module, turn the hold switch **ON** to fully control and browse the songs from factory radio. The iPod is locked in this state.

iPod hold OFF	Text display	Radio control	iPod control
	No Playlist / Artist / Album name shown on the radio	limited	✓

Before connecting the iPod to the Media Bridge module, turn the hold switch **OFF** to fully control and browse the songs from iPod. The factory radio control and browsing capabilities are limited.

Note: Changing the hold switch on iPod to ON/OFF must be done **prior** to connecting the dock cable.

Installation

1. VERIFY COMPATIBILITY
2. DISCONNECT BATTERY



3. LOCATE CD-CHANGER CONNECTION IN TRUNK*



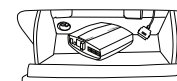
4. INSTALL MEDIA BRIDGE CABLE



5. CONNECT BATTERY & TEST

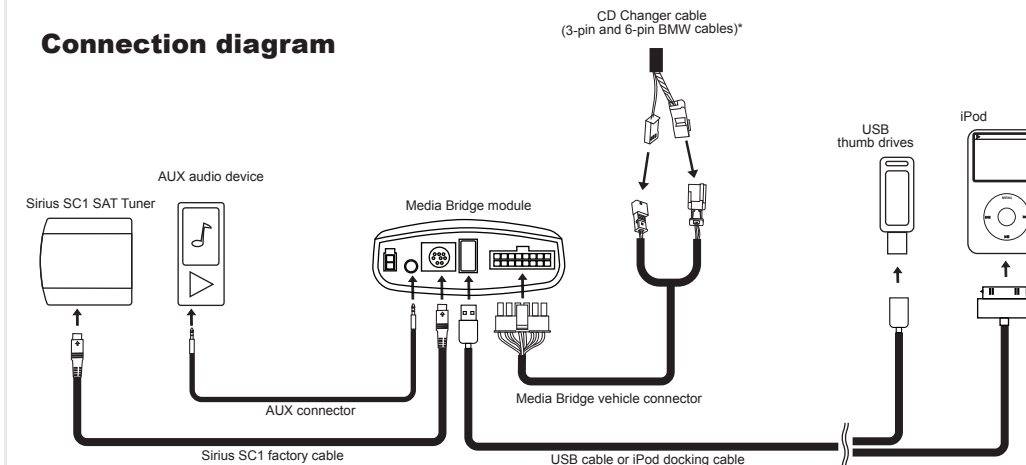


6. ROUTE KIT TO GLOVEBOX OR OTHER ACCESSIBLE LOCATION



*CD changer cable will be in left hand side of trunk on most models (in trunk). Some models are different:
 - X3 CD Changer cable is located underneath carpeting under the center console.
 - Z4 CD Changer interface is located between seats, underneath subwoofer.
 - Mini Cooper/Cooper S CD Changer interface is located on right hand side of vehicle (trunk area).

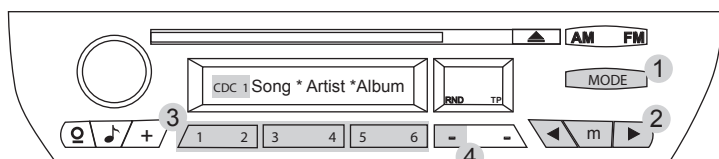
Connection diagram



* If coax is present, DSP kit may be required. for installation, refer to DSP supplement

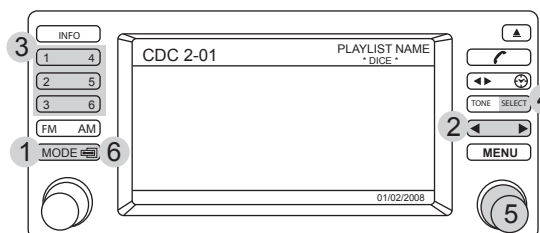
Selecting Media Bridge as an audio source

BMW business CD radio



- 1 Radio source selector (CD / FM / Media Bridge)
- 2 Next / Previous control
- 3 Browse modes (iPod / USB), Presets (SIRIUS), Sound adjustments (AUX)
- 4 Press to turn on Random (iPod / USB); use for preset saving (SIRIUS)

BMW radio with Navigation



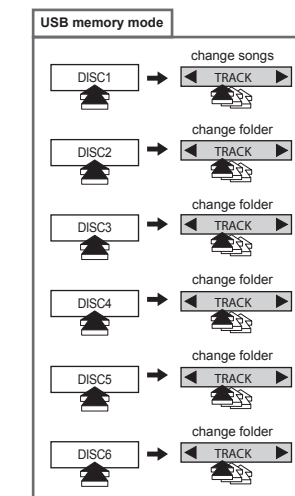
- 1 Radio source selector (CD / FM / Media Bridge)
- 2 Next / Previous control
- 3 Browse modes (iPod / USB), Presets (SIRIUS), Sound adjustments (AUX)
- 4 Press to access Random, Scan, FF/FR settings.
- 5 Rotating the jog dial will change tracks in normal display mode of the radio.
- 6 Switch between display screen.

USB memory operation

Icon Legend

- press button
- press button repeatedly
- press & hold button

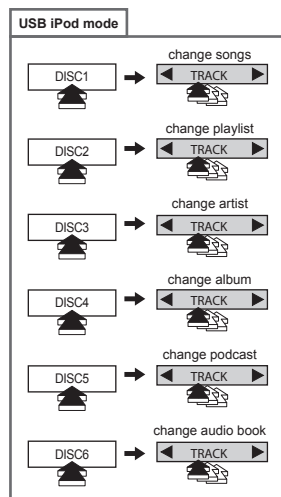
- Select DISC 1, then use the track buttons to change from song to song.
- Select DISC 2-6 to browse Folders and use the track buttons to navigate through the folders on your USB flash drive.
- The Media Bridge unit will recognize the first 8 levels of folders, with up to 200 accessible folders within each folder. Only the first 1000 files will be read in each folder, the rest will be ignored.
- Songs play in order in which when they were added to the flash drive (not alphabetical order).
- Use Random feature or button on radio to shuffle all songs on the flash drive. This may take a long time to complete.



USB iPod operation

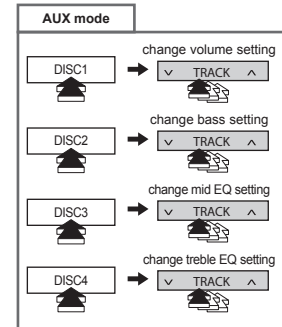
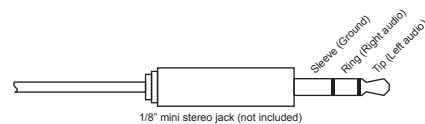
- Use DISC 1-6 to enter specific modes (SONG, PLAYLIST, ARTIST, ALBUM, PODCAST and AUDIO BOOK) when iPod is locked.
- Within each mode, use the track buttons to browse the items available
- Use Random feature or button on radio to shuffle songs.

Note: if the iPod is unlocked for direct control, radio control will be limited to Songs, Playlists, and Albums. Text display will also be limited to show only current song information. It will not show the name of Playlist / Artist / Album.



AUX operation

- An auxiliary audio device can be connected to the Media Bridge unit through the 1/8" mini-jack
- Audio device must be controlled manually.
- Audio level can be adjusted while in auxiliary mode by selecting DISC 1-4 and using track buttons to increase or decrease levels.

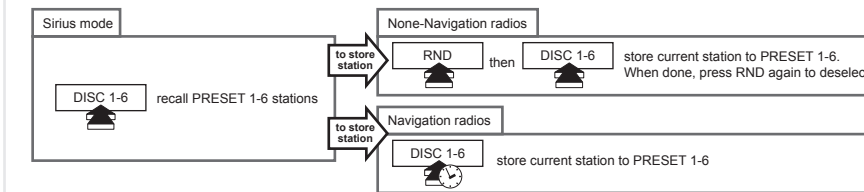


Sirius Connect™ operation (with SIRIUS tuner connected)



SIRIUS display screen:

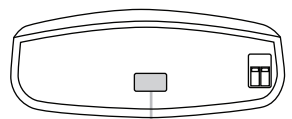
- Saving stations:
- Single line radios: Tune to desired station. Press RND button and select which DISC to save to (1-6). Deselect RND.
 - Navigation radios: Tune to desired station. Press and hold DISC to save as preset.



- If a Sirius Connect compatible tuner is not detected, then either a "No Tuner" vehicle message is displayed, or the SIRIUS option will not be selectable.
- Go to Channel 000 to view the Sirius Tuner ID for activation. The 12 digit ID is displayed as "SIRIUS ID" followed by "123456-789000".

Firmware update

- STEP 1: Disconnect the Media Bridge module from the vehicle.
- STEP 2: Download and install necessary software from www.diceelectronics.com
- STEP 3: Open software to follow instructions for updating Media Bridge unit.
- STEP 4: Plug in Media Bridge via mini USB cable and update.
- STEP 5: Disconnect and reinstall the unit into the vehicle.



Mini USB port for software update

Problem	Solution
No audio from iPod source.	Reset the iPod. Verify proper connection to iPod/interface. Check for compatibility. Older iPod models don't support USB audio. Hold switch must be on for 5th generation iPod video.
Cannot select the interface.	Verify unit is trying to be accessed as the CD-changer source. With ignition off, disconnect vehicle harness from module for a minute, verify connections and reconnect.
Radio/ steering wheel controls do not operate iPod.	Reset iPod and make sure the most recent iPod firmware is installed. Check vehicle user manual on how steering wheel controls work, long presses may toggle alternate function.
Why does category read "PRESELCTD"?	Playback of content selected on the iPod before connected to the interface continues until new content is selected.
What size of USB flash drive should I use?	Large capacities are supported, however up to 4GB is recommended for optimal user experience.

Troubleshooting

Problem	Solution
iPod does not charge.	Check all connections. See if iPod charges while connected to computer or wall charger. You may need to reset the iPod.
Music is distorted or sound level is too low with iPod connected.	Make sure all EQ and BASS boost options are turned off on your iPod. You can set audio base level in DISC 3, see page 6.
Why is the interface not controlling the iPod/USB drive?	Please make sure that the USB connection is not loose. Make sure that an iPod case is not preventing the dock connector from being fully seated. Disconnect and reconnect the device. If iPod is not responding please try resetting it. USB device must also be FAT16/32 format and contain supported MP3, WMA or AAC content.
Sirius tuner can't be selected.	Check for proper connection to the mini DIN 8 receptacle. Make sure that the connector pins are not bent. Make sure to select SIRIUS in Audio Source Selection (refer to page 6).
Why does the radio display show "EMPTY/STOP" and no music plays?	USB iPod: the end of a playlist or selection has been reached. Select a new playlist from DISC2. USB Memory: There are no supported audio files on the flash drive.

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Installation notes:

Installed by:	Illustration:
Installed date:	
Other notes:	