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BT6-MBR

QUICK START BLUETOOTH, FLASH DRIVE INSTALLATION GUIDE FOR SELECT 1994-99 MERCEDES BENZ

(NOT FOR 1999-UP OPTICAL RADIOS)

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PRODUCT SAFETY & DISCLAIMER

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY

- This installation guide is provided as a GENERAL installation guide, some vehicles vary and may require additional steps. We do not accept responsibility for third party labor charges or modifications. Exercise due-diligence when installing this product.
- We do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product.
- Careless installation and operation can result in equipment damage.

Requirements:

1994-98 NON-OPTICAL CD CHANGER CONTROLLING RADIO

Introduction

The new BT6-MBR kit is compatible with virtually all Bluetooth phones, and sounds great whether using for mobile conversations or streaming music. smart media module does not only support Bluetooth but also playback of MP3/WMA/FLAC/ACC/WAV/AIF/AIFC files stored on a USB card etc. and controlled directly using the radio SEEK buttons or steering wheel. In addition, an AUX input is included to connect and play wired audio devices (e.g. MP3, iPod etc.) Installation could not be simpler and only requires connecting module to the 10-pin CD changer port on the back of the radio, pairing Bluetooth device and be on your way to enjoying music, navigation, audio books and other important applications from smartphone on the car system!

Because this module uses the "CD" port, factory CD changer (if present) must be disconnected.

A second USB port provides 5V/2.1A charging current to keep those power-hungry devices charged while on the road. The BT6-MBR adds Bluetooth features to older Mercedes without changing the original radio or dashboard components.

See **Frequent ask questions** at the end of this guide for more details.

Installation:

Installing this module requires radio removal.

Remove radio from dashboard to gain access to connectors. A pair of removal tools (See **Fig. 1**) required (sold separately).



Fig. 1
removal [tools](#)



Not applicable to radio pictured above.



1. Slide tools into radio left and right slots with straight edge facing away until detent position. Withdraw radio by pulling tools. See **Fig. 2**
For detailed radio removal instructions, click [here](#)

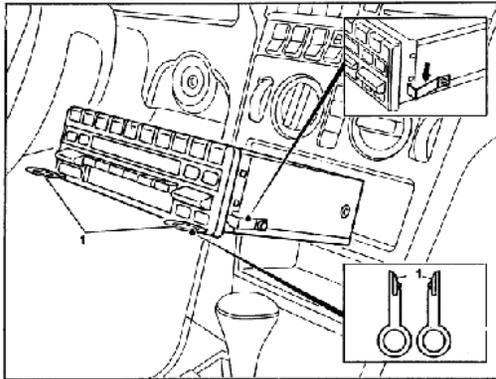


Fig. 2

2. If present, disconnect CD changer 10-pin plug (See Fig. 3) from radio



Fig. 3

3. Connect installation harness 10-pin plug (See Fig. 4) to radio chamber (C) vacated in step 2 (See Fig. 5)



Fig. 4

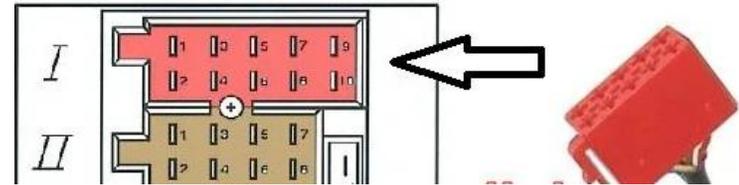


Fig. 5

4. Connect installation harness 16-pin plug (See Fig. 4) to module 16-pin socket (See Fig. 6)

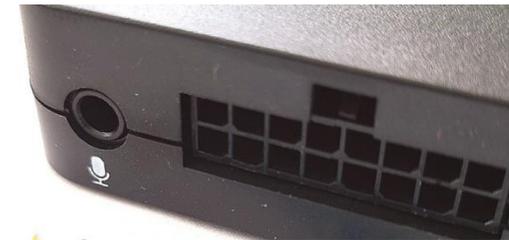


Fig. 6

5. Use clip to secure microphone to headliner or visor
 6. Route microphone cable (10 ft.) down side pillar, to radio cavity
 7. Connect microphone plug to module "MIC" jack. (See Fig. 6)
- Wind noise (Convertibles) will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.*



Optional USB extension cable installation

Note: 1. Optional 6 ft. USB dash mount extension cable is not required for operation, however it extends the module built-in USB charging port (See **Fig. 9**) to dashboard, glovebox etc.

2. This USB port supports charging and software updates only

1. Drill a $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See **Fig. 7**)
As an alternative; use the included bracket (See **Fig. 12**) to mount USB without drilling.



Fig. 7

2. Fish USB cable terminal (See **Fig. 11**) through hole created in step 1 and plug into USB port on module (See **Fig. 8**)



Fig. 8
USB cable



Fig. 9

3. Snap header (See **Fig. 10**) to surface until flush (See **Fig.11**)



Fig. 10



Fig. 11



Fig. 12

Tuck and secure any extra wires from moving parts and proceed to next step

Pairing:

Pairing process varies between devices but basic steps are the same. Pairing is done upon initial install and will not have to be repeated.

1. Turn ignition and radio "ON"
2. From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See Fig. 13)
4. Confirmation "tone" is heard on car speakers.
5. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.

Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000"

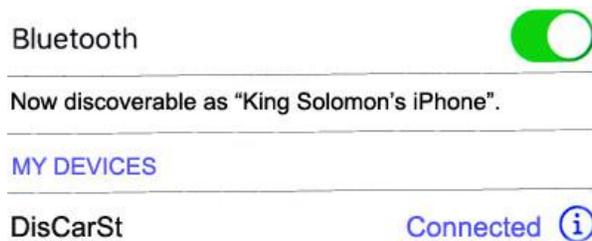


Fig. 13

6. Confirmation tone heard on car speakers

Bluetooth operation

1. Turn ignition to "ACC" and turn the radio ON
2. Press "CD" button on radio to enter Bluetooth mode.
The radio screen will change to: Disc x Track x as seen in Fig. 14



Fig. 14

Warning: Playlist, Artist and song name are *NOT* available

3. Launch streaming application (e.g., Spotify, Apple music etc.) on smart device.



Fig. 15

4. Press the radio or steering wheel "SEEK" button. Seek **down** to previous track or **up** to next track. (See Fig. 15). You may also use smart device built-in controls.
5. Place test call or ask someone to call.
6. To accept, press "SEEK DOWN" on radio or steering wheel (See Fig. 16)
7. To reject, press "SEEK UP" on radio or steering wheel (See Fig. 16)

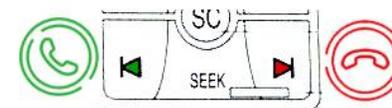


Fig. 16

Flash media requirements and functions

1. Formatting

Before loading files/folders we recommend formatting flash drive etc. to **FAT16 or FAT32** after which you may then save music files (MP3, WMA, FLAC, ACC etc.) to designated folders as explained next.

2. Folder naming: (This is important)

Create a single folder or up to 6 folders (Albums).

The easiest way to transfer files from computer to USB after formatting drive is by locating music files on your hard drive and drag-and-drop them to desired folder on flash drive.

- When flash drive is connected for the first time; all available folders are loaded.
- Supports MP3 and WMA compression up to 320Kbps
-MP3/WMA files over 320Kbps may not be recognized or played.
- Not compatible with some new generation high-speed USB sticks.
-Recommended disk size: **16GB**
- Any number of songs can be stored in each folder, but radio display supports 2 digits or up to track 99. Track 100 may be displayed as 01
- Subfolders are not supported
- Streaming does not support last memory position
- We highly suggest formatting USB stick/card on windows PC
- Saving files (over **50MB**) in any folder may cause intermittent operation
- Playback order is based on how files were created
- When last track in any given folder has finished playing, the first track in same folder will play automatically.
- If track up or track down button is pressed quickly in repetition, track number displayed may change erratically.
- If radio enters CDC mode but nothing plays, please check/change USB stick and cycle ignition

Media operation

- Press "**CD**" button on radio to enter Bluetooth mode.
The radio screen will change to: CDC x Track x as seen in **Fig. 17**



Fig. 17

- Connect flash drive or USB adapter to USB port (See **Fig. 18**)



Fig. 18

- After initial connection, (**CDC 1 track 1**) will begin playing otherwise playback will continue from last memory position (track position)
- Track Up/Down**
Tap the right SEEK button for next track selection in folder. Tap the left SEEK bottom for the previous track selection in folder See **Fig. 19**

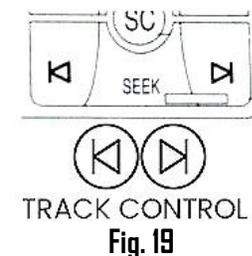


Fig. 19

5. Album (Folder) selection

Tap radio preset 1-6 for direct access to folder/album 1-6.
Folder number (album) and track number are shown in the display.



Fig. 20

6. Forward/Rewind

Press and hold the **TUNE >** (forward) button to forward currently played track until **Tune** button is released. (See Fig. 21)

Press and hold the **< TUNE** (Reverse) button to rewind currently played track.

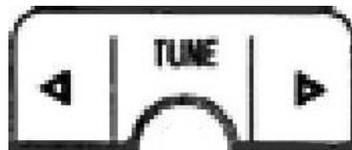


Fig. 21

AUX playback

The Auxiliary Input Jack provides a way to connect any portable music player designed to be used with headphones to the module. This allows the audio from a portable music player to be played through the vehicle speakers with high fidelity. Attach one end of the included audio extension cable to the headphone output of your player and the other end of the audio extension cable to the AUX in port on the module (See Fig. 22) To listen to AUX device; disconnect memory card from module USB port and pause streaming application or un-pair streaming device
Warning: AUX playback not possible if USB memory stick is attached.



Fig. 22

Frequently asked question & troubleshooting

1. **Does the BT6-MBR work in vehicles with CD changer?**
YES, but CD changer must be disconnected and will no longer function.
Purchase our [BT6-MBCD](#) to retain use of the CD changer.
2. **Does the BT6-MBR work on all Mercedes radios?**
NO: Works on 1994-99 Becker BE1492, BE1692, BE2210, BE1350) Alpine CM2296 and CM2396 radios.
3. **Does the BT6-MBR work on 1999+ Mercedes radios?**
To the best of our knowledge only the 1999 S-Class (e.g. S320) radio is compatible. Other 1999+ Mercedes Audio 10, 20, 30, 50, Comand, PCM etc. includes optical CD changer ports (See Fig. 23) and not compatible with this part.



Fig. 23

4. **Can I control Smartphone or Tablet from radio buttons?**
YES; Use "SEEK" button on radio or steering wheel to Track Up/Down and to Accept/Reject phone calls. You may also use **Smartphone or Tablet built-in controls and display to operate the device**. Radio volume button is used to set the playback level.
5. **The 10-pin plug on this adapter looks identical to other Mercedes, and Blaupunkt radios. Does the BT6-MBR work on these radios?**
NO; (See Fig. 11) The 10-pin port on 1999 radios is not optional CD changer. CD changer is connected to **digital port**.
Blaupunkt 10-pin radios are also not compatible.
6. **Will I be able to make phone calls using this Device?**
YES; the BT6-MBR supports Hands-Free calls. Ensure microphone is installed to allows callers to hear your voice.

7. **What happens if a call comes through while streaming?**

Streaming mutes, call tone heard on car speakers. Tap |< **SEEK** button to be connected with caller. Tap **SEEK** >| button to end call. Once call end streaming resumes.

8. **What happens when streaming and also navigating (e.g., Waze, Google maps etc.)?**

Streaming mutes, guidance announced on car speakers. Once guidance ends streaming resumes.

9. **Can I pair or save more than one device to the BT6-MBR?**

YES; more than one device (slaves) can be paired however only one connection can be active at a time.

When pairing new device, ensure module has not already connected to or is within range of another paired device.

10. **When driving, there is a high pitch noise that increases with speed. Can you suggest a fix?**

It appears you are experiencing alternator whine and for this we recommend a noise filter. We recommend installing our in-line BT63-NF (See **Fig. 24**) noise filter. This **plug-n-play** noise filter fits between the radio harness and module. [Click here](#) to purchase.



Fig. 24

Disclaimer

- This product has no affiliation with Mercedes Benz, Alpine or Becker
- We're not liable for misuse of this product.

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