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Mercedes-Benz



MB-HF

Bluetooth Hands-Free & Streaming Audio Install Guide for 1994-98 Mercedes

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Introduction:

Safety comes first when you're on the road, so having an intuitive and easy to use Bluetooth kit is essential to reducing driver distraction. The MB-HF kit is compatible with virtually all Bluetooth phones, and sounds great whether using it for mobile conversations, streaming music. In addition, a USB Charging port is included to keep your devices fully charged. One button with built-in microphone conveniently installed on the dash is used to launch Voice Recognition application (Siri, Google Now, Assistant etc.), initiate phone calls or launch applications. Thanks to the MB-HF Kit you can enjoy Bluetooth features only available on newer cars.

Note: CD Changer (if present) must be disconnected and will no longer function. To retain CD Changer playback purchase our [MBCD-HF](#).

Installation:

Warning! Most radios are coded and will not operate without code.

Removal tools (See **Fig. 1**) are required to remove these radios.

1. To remove radio, slide both tools into Radio slots to detent position, (Straight edge facing out) and withdraw the radio by pulling outwards. (See **Fig. 2**)



Fig. 1
Radio removal Tools



Fig. 2
Mercedes Radio

2. Disconnect 10-pin CD Changer plug (See **Fig. 4**) from Radio connector **(C)** (See **Fig. 3**).

Note: If vehicle does not have a CD Changer, go to step 3.

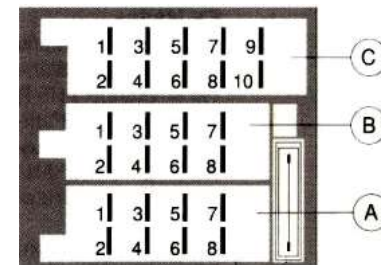


Fig. 3
Radio connectors



Fig. 4
Factory CD Changer Plug

3. Connect 10-pin plug from installation harness (See **Fig. 5**) into slot **(C)** on Radio (See **Fig. 3**)



Fig. 5
10-pin plug

4. Disconnect solid power/speaker plug from A/B slots on radio (See **Fig. 6**)



Fig. 6

5. Connect factory plug removed in step 4 to mating connector on installation harness (See **Fig. 7**)



Fig. 7

6. Connect brown 8-pin plug from installation harness (See **Fig. 7**) to slot **(B)** on radio and black 8-pin plug slot **(A)** on radio (See **Fig. 4**).
7. **AUX Input Option:** Connect one end of the supplied 3.5mm aux cable (See **Fig. 8**) to "AUX" input jack on Module (See **Fig. 9**). Route other end to front of dash or where aux device will reside (within 3 ft.)



Fig. 8
Aux input cable



Fig. 9
Module

7. Connect 3.5mm plug from harness to 3.5mm pigtail jack from Bluetooth Module (See **Fig. 10**)



Fig. 10
Audio output jack

8. Connect mic/control button plug (See **Fig. 11**) to "MIC" (blue) input jack on Bluetooth Module (See **Fig. 9**)



Fig. 11
Control button/Microphone

9. Consider where to install control/mic button. Keep in mind the control button must be within drivers reach for voice commands and phone dialog (cable is 6ft. long). **We recommend completing the rest of the install prior to securing the control/mic button to the dash.** Once you decide on a location simply remove tape backing from control /mic button



Make sure no ventilation duct is pointed towards the mic.
It is best to mount button facing driver

[See Optional Microphone/control button installation kit at the end of this guide.](#)

The MB-HF includes a USB Charging port. Should you decide to use it, we suggest one of 3 connecting options:

- A. Flush to dash/panel requires drilling a 3/4" hole in the dash**
- B. Flush with Support bracket** (use this option to mount USB terminal wherever your installation demands without drilling)
- C. No USB Mount-** (default)

A. Flush to Dash or Panel (requires drilling)

1. Drill a 3/4" hole to dash or panel using a step drill bit or equivalent (See **Fig. 10**)



Fig. 10
Step drill bit

2. Insert USB cable male terminal (See **Fig. 11**) through 3/4" hole created in step 1



Fig. 11
Flush mount 3 ft. USB cable

3. Push USB head (See **Fig. 12**) until it snaps in place and flush with mounting surface (See **Fig. 13**)



Fig. 12
Flush mount USB Terminal



Fig. 13
Flush mounted to dash

4. Connect USB Male terminal to Module (See **Fig. 14**)



Fig. 14
Module USB port

B. USB Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3 ft. of radio and mount USB support bracket (See **Fig. 15**) to surface using adhesive/tape or screws.



Fig. 15
USB mounting bracket

2. Insert USB male terminal through hole in bracket (See **Fig. 16**)



Fig. 16

3. Push USB head until it snaps in place and flush (See **Fig. 17**)



Fig. 17

4. Connect USB male terminal to Module (See **Fig. 14**)

5. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

C. Bring your own cable

The Module USB port supports charging only. Connect your own USB Cable to module or proceed to next step if charging is not required.

The radio cavity in most vehicles may lack extra room needed to fit aftermarket equipment and because of that you will have to be creative when fitting these parts. Extra length cables are provided to allow some flexibility.

Secure module and proceed to section next section.

Bluetooth Pairing and Connection

This process is required the first time you use the MB-HF. After initial pairing, the MB-HF will automatically reconnect with the paired phone upon entering the vehicle.

1. Turn the vehicle ignition to "ON".
2. The Red LED inside module will begin to flash
3. Access your Smartphone Bluetooth menu settings, and search (scan) for devices.
4. Select the G2 and click "Connect"



Note: Supports multiple phones but connects to only one phone at a time.

Warning! Caller ID and text display are **not possible in CD Changer mode**. Operating Bluetooth device is by pressing the control button and your Voice Recognition application. Use the radio volume button to control playback level.

Bluetooth Operation

1. Set radio to **CD Changer (Bluetooth)** mode
2. Adjust Radio Volume

Music Commands

To	Proceed this way
Pause a Song	Press and release button
Resume Play	Press and release button
Skip to next song	Press button twice
Skip to Previous Song	Press button 3 times
Activate CD Changer Playback*	Press button 4 times
Activate Voice Control	Press/hold button for 2 seconds
Switch out of CD Changer Mode	Press and release button

Phone Commands

To	Proceed this way
Answer call	Press and release button
End call	Press and release button
Reject incoming call	Press button twice (call goes to VM)
Cancel outgoing call	Press button twice
Activate Voice Control	Press/hold button for 2 seconds

Notes:

1. If playback is distorted, adjust volume on Bluetooth device.
2. **To reset Module Press and Hold control button for 5 seconds** (this does not un-pair device or erase stored devices from smartphone)
3. On incoming calls, ring tone plays on car speakers
4. Bluetooth range is approximately 30 ft. make sure device is within range of receiver

5. Voice command compatible with Apple (Siri), Android (Google Now), Blackberry (Assistant)
6. Upon ending call, music streaming playback is resumed but to resume Aux playback, the control button must be pressed 4 times.

If successful go ahead and Reinstall the Radio

Congratulations, you've just updated your vehicle to support new technology while preserving the original radio and dash components.
Enjoy!

The MB-HF works in 1994-98 vehicles with Alpine/Becker analog Radios. 1999-Up Vehicles with **digital Radios** (e.g. Audio10, 20, 30, PCM etc.) as seen in Fig. 18 **are not supported**.



Fig. 18

Optional remote microphone Kit

The control button has a built-in microphone which means mounting the control button on the dash may allow for control but may not be optimum for issuing commands or hands-free talk. Many customers have asked if it's possible to use a remote microphone or one that mounts on the visor etc.

Optional [G2-HF](#) (See Fig. 18) Kit includes:

1. Microphone with visor clip on 10ft cable
2. Plug-n-play install harness



Fig. 18

To install:

1. Connect 4-pin male plug to mic input on module
2. Connect control button to shorter (smaller) female jack
3. Connect microphone to longer (larger) female jack with lip (indicated by arrow)
4. Route microphone to visor or location of choice and use clip to secure to vehicle.

Frequent asked questions

1. **My vehicle has a CD Changer. Do I have to disconnect it for this kit to work?**
YES; CD Changer (if present) must be disconnected or purchase our [MBCD-HF](#)
2. **Does the MB-HF work on all Mercedes Radios?**
NO; works on 1994-98 radios only. [1999-Up Digital radios \(See Fig. 18\) are not supported.](#)
3. **Can I control Smartphone track selection from radio buttons?**
NO; you must continue to use Smartphone built-in controls or the control button and/or voice commands to operate the device. Radio volume button remain active.
4. **How to I reset the Module?**
Press and hold the control button for 5 seconds then release.
5. **How can I listen to my AUX Device (e.g. Sat radio Kit, MP3 etc.)?**
Enter CD mode then press control button 4 times. Control aux device as customary.
6. **Where is the best place to install control button/microphone?**
We found mounted higher on the dash worked best, but user is left to experiment and find best location. Optional remote microphone kit (G2-HF) available
7. **Will radio mute when I receive or make a phone call?**
Radio mutes only when in Bluetooth mode (CD). This feature is built-into smartphone. In addition, you must switch from Radio to "CD" (Bluetooth Mode)
8. **My second phone can't pair or does not list module?**
In order to pair with another phone make sure no other phone is paired.

Disclaimer

- This product has no affiliation with Mercedes or Apple
- We're not liable for misuse of this product.

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