A2DIY-MBR

QUICK START BLUETOOTH INSTALLATION GUIDE FOR SEELCT 1994-98 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:
CD CHANGER CONTROLLING RADIO

Introduction (version 10.6)

The new A2DIY-MBR kit is compatible with virtually all Bluetooth phones, and sounds great whether using for mobile conversations or streaming music. Works in 1994-98 Mercedes Benz with CD changer controlling radios. Once installed, music streaming from internet music sites such as Pandora, Spotify, Apple music, audio books, GPS prompts and more and also make/receive phone calls if device supports it (HFP). A new media remote control is included from which users can adjust smartphone volume, track up/down, answer/end phone calls and more. An **optional** Smart charging kit is available to keep those power-hungry devices fully charged while on the road. The A2DIY-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

this radio does not apply.

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**
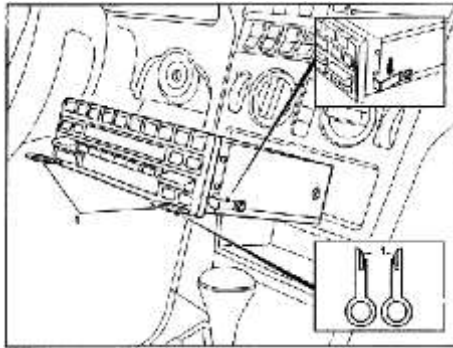**For detailed radio removal instructions, click here**

Fig. 2

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

Fig. 3

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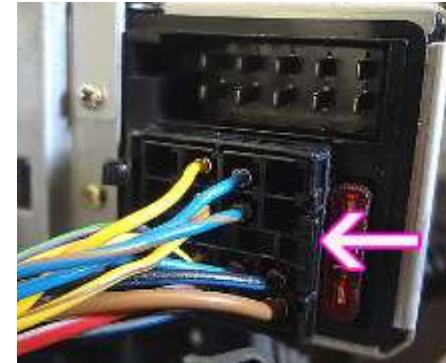

Fig. 4

Fig. 5

4. Use clip to secure microphone to headliner or visor
5. Route microphone cable (10 ft.) down side pillar, under dashboard and into radio cavity
6. Connect microphone right angle 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.

Fig. 6
Module

Optional USB type-C charging kit (charge only)

Optional USB type-C charger can be added to the module. Should you decide to add it, we suggest one of 3 installation options:

A. **Flush to dash/panel requires drilling a ¾" hole**

B. **Flush with support bracket** (Mount terminal wherever your installation demands without drilling)

C. **Freestanding-** (default)

A. Flush to dash/panel (drilling required)

1. Drill a ¾" hole in the dash/panel using a step drill bit or equivalent (See **Fig. 10**)

Fig. 10
Step drill bit

2. Insert cable through hole created in step 1
3. On module installation harness locate charger **Fig. 11**)
4. Connect cable from step 2 to charger USB type C- port

Fig. 11

5. Snap USB head to opening until flush with surface (See **Fig. 12**)

Fig. 12

Tuck and secure any extra wire from moving parts and test operation

B. Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of module and mount support bracket (See **Fig. 14**) to surface screws (included).

Fig. 14
mounting bracket

2. Insert cable through hole in bracket (See **Fig. 15**) and connect to charger (See **Fig. 11**)

Fig. 15

3. Snap USB head to bracket opening until flush (See **Fig. 16**)

Fig. 16

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

Media remote control

Pairing: Ensure Bluetooth is enabled on your device (e.g., Smartphone/Tablet etc.) scan/search for available devices and select BT009 from list. Media remote can be paired with multiple devices but can only operate one at a time.

Installing:
Attach included holder to steering wheel or dashboard to safely and conveniently control smartphone multi-media functions even when smartphone is out of reach (glovebox, pocket etc.)

Charging:
Media remote control has a built-in rechargeable 200mAH battery which may last up to 10 days. Use supplied USB cable to connect media button to charging source.
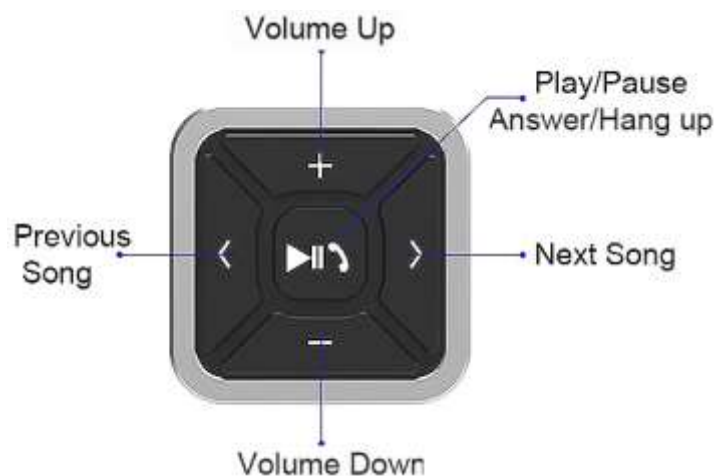Reaches full charge after approximately 2 hours.

Operation:

Once paired with smartphone/tablet etc. users may perform the following functions on iOS devices with Bluetooth 3.0 and later and Android with Bluetooth 4.0 or later.

Note: These functions do not apply to Mercedes radio.

Media remote control smartphone functions described below which mean it can also be used at home, pool, park etc.

Bluetooth module pairing and connection

This process must be carried out upon initial install after which the A2DIY-MBR will automatically reconnect with paired phone.

1. Go to smartphone settings and enable Bluetooth
2. Smartphone will automatically begin searching for devices.
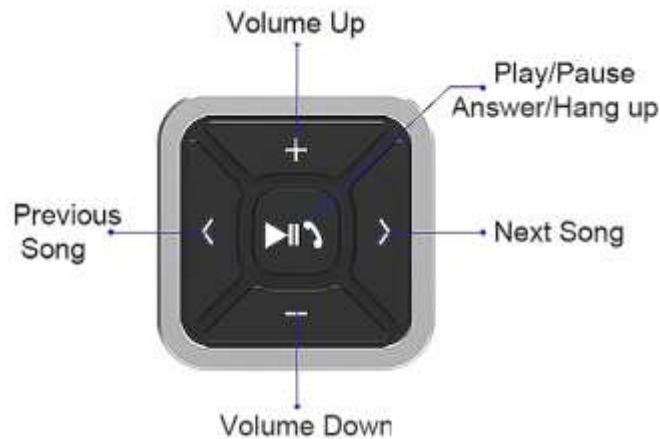3. Select Bluetooth name below, tap "Connect"

Note: Supports multiple phone pairings but connects to one phone at a time. If for some reason phone fails to pair, ensure no other has paired to module in such case you must unpair that device in other to pair another. Some smartphones allow changing Bluetooth name to one of your choosing.

Warning: Caller ID and text are **not shown on radio screen**. Operate Bluetooth device via wireless remote control, VR (voice recognition) or device built-in controls. Radio buttons can be used to adjust playback level.

Bluetooth operation

1. Turn ignition and radio "ON"
2. Press **CD** button on radio.
3. Launch smartphone music streaming application
4. Set audio device (Smartphone etc.) initial volume to 75% and raise radio volume knob to set playback level. If distorted, lower audio device volume.

Volume Up

Play/Pause
Answer/Hang up

Previous Song

Next Song

Volume Down

5. Use media button to change tracks, adjust device volume, pause etc.
6. Place test call or ask someone to call. Press **Pause/Play** to answer/end call
7. If correct operation is confirmed go ahead and reinstall radio.

Notes:

1. New! On incoming calls, ring tone and call number announced on car speaker. Additional tone (static) heard during call number announcement (this is normal)
2. *Media remote does not control Mercedes radio functions.

Frequently asked question & troubleshooting

1. **Does the A2DIY-MBR work in vehicles with CD changer?**
   YES, but CD changer must be disconnected and will no longer function. Purchase our A2DIY-MBCD to retain use of the CD changer.
2. **Does the A2DIY-MBR work on all Mercedes radios?**
   NO; Works on 1994-98 Becker BE1492, BE1692, BE2210, BE1350) Alpine CM2296 and CM2396 radios. **Becker traffic pro radios requires our A2DIY-BKR or A2DY-BKRCD**
3. **Does the A2DIY-MBR work on 1999+ Mercedes radios?**
   NO; 1999+ Mercedes Audio 10, 20, 30, 50, Comand. PCM etc. includes digital optic CD changer ports (See **Fig. 15**) and not compatible with this part.

Digital Port

Fig. 15

4. **Can I control Smartphone or Tablet from radio buttons?**
   NO; you **must continue to 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 A2DIY-MBR work on these radios?**
   NO; (See **Fig. 15**) Mercedes radios with **digital port,** are **NOT compatible**. Blaupunkt 10-pin radios are also not compatible.
6. **Will I be able to make phone calls using this Device?**
   YES; the A2DIY-MBR supports Hands-Free calls. Ensure microphone is installed to allows callers to hear your voice.

7. **What happens when streaming and a call comes in?**
Streaming mutes, call tone heard on car speakers and caller number is announced on car speakers. Press remote Pause/Play button to be connected with caller. Press Pause/Play button again 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 A2DIY-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. Module is ready for pairing when LED flashes Red. See LED status through peep-hole on module underside

10. **During call number announcement, there is static like noise in background. Is this normal?**
YES. It is normal for background hiss/tone during call number announcement. The background tone/hiss will cease as soon as announcement ends or call taken/rejected.