



A2DIY-MBCD

QUICK START BLUETOOTH INSTALLATION GUIDE FOR SELECT 1994-98 MERCEDES BENZ **WITH CD CHANGER**

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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

Most 1994-98 Functioning CD changer in trunk or hatch

Introduction

Older Mercedes vehicle owners who want to keep their cars as original possible (including radio and CD changer) will be pleased to know they can now link up their Smartphones to make/receive phone calls without sacrificing CD playback. The A2DIY-MBCD module adds **Bluetooth Hands-Free, Music streaming** from any Smartphone or Tablet with A2DP and HPF profiles and options to:

1. Retain CD changer playback
2. AUX input. Instead of changer playback, users are able to connect and play portable audio devices such as Mp3 players, satellite radio kit, iPods etc. (CD changer remains connected but will no longer play)
3. **Optional: USB type-C** Fast charging kit to keep devices charged as you drive

Warning: Works in 1994-98 Mercedes with MC3194, 3196, 3296 CD changers which remains connected and functional. **Will not work if CD changer is missing or malfunctions in any way**—see our [A2DIY-MB](#) instead.

See **Frequently Asked question and comparison chart** at the end of this guide.

Installation

Radio must be removed from dash to gain access to connectors. Removal tools (See **Fig. 1**) required and sold separately.

Tip: Due to cavity space constraints; we recommend placing module/wiring in space behind the A/C module allowing for easy re-installation of the radio.

1. Slide keys into radio slots to detent position. Withdraw radio by pulling keys forward. See **Fig. 2**

Click [here](#) for more detailed radio removal instruction



Fig. 1



This radio does not apply.



Fig. 2

2. Disconnect 10-pin CD plug (See **Fig. 3**) from radio (C) socket (See **Fig. 4**)
3. Connect 10-pin CD plug to matching 10-pin socket on install harness (See **Fig. 5**)



Fig. 3

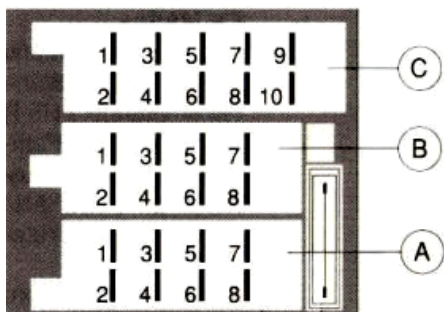


Fig. 4

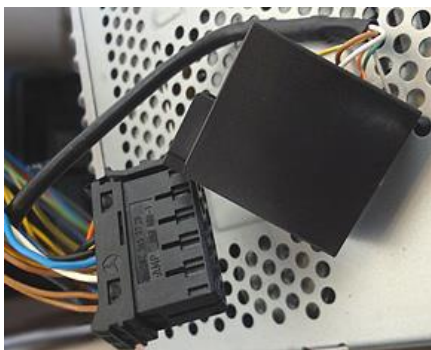


Fig. 5

4. Connect 10-pin plug from harness (See Fig. 6) to radio (C) socket vacated in step 2



Fig. 6

IF NOT RETAINING CD PLAYBACK (changer remains connected) **skip to step 6**

4. Connect supplied 3.5mm audio cable (See Fig. 7) to Module "AUX" jack (See Fig. 8)
5. Route audio cable end to dash area or wherever AUX device will reside (within 3 ft.)



Fig. 7



Fig. 8

6. Install microphone (Fig. 9) to vehicles visor or headliner using included visor clip (Fig. 10).



Fig. 9
Microphone



Fig. 10
Visor clip

7. Carefully route microphone plug down pillar, under steering column and into radio cavity.
8. Connect microphone to module "MIC" input jack (See Fig. 8)



Exercise caution when routing microphone so to not damage the cable and ensure no ventilation ducts are pointed towards microphone.

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 $\frac{3}{4}$ " 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 $\frac{3}{4}$ " 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)



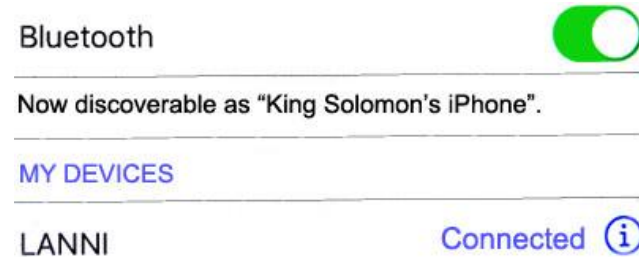
Fig. 16

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

Module pairing

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

1. Turn ignition and radio "ON"
Blue LED through module peephole will flash (pairing mode)
2. On A2DP device: go to **Bluetooth Settings**
3. Select **Bluetooth** and turn on
4. Tap **Scan for devices**.
5. Wait for Bluetooth device name (LANNI) to appear and tap it. *Once paired Blue LED through peephole will blink once every 3 seconds and confirmation tone is heard on car speakers*



One connection

The A2DIY-MBCD connects to one device at a time. First device must be disconnected in order to pair a second device or simply turn OFF Bluetooth on first device.

Warning! Voice recognition (VR) applications (e.g., Siri, Google Play etc.) must be enabled on device as you would in portable mode.

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 button can be paired with multiple devices but can only operate one at a time.



Installing:

Attach button to steering wheel (includes holder) or dashboard to safely and conveniently control multi-media functions even when smartphone is out of reach.

Charging:

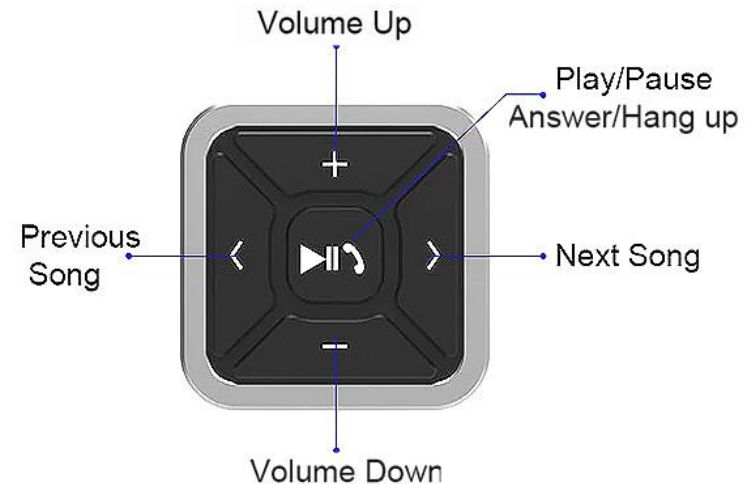
Media button has a built-in rechargeable 200mAH battery which may last up to 10 days. Use supplied USB cable to connect media button to charging source. Reaches full charge after 2 hours.



Operation:

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

These functions do not apply to Mercedes radio.



Operation

1. Turn ignition and radio "ON"
2. Press "CD" button on radio. (**Note:** CD changer must contain at least 1 disc)
3. Launch smartphone or tablet music streaming application
4. Use media button to change tracks, adjust volume, pause playback etc.
5. Place test call. Press media button **pause/play** to answer/end call.
6. To switch between AUX and Bluetooth, press media button **pause/play** if correct operation is confirmed go ahead and reinstall radio.

Notes:

1. To switch between CD changer and Bluetooth, press play/pause button
2. On incoming calls, ring tone also plays on car speakers
3. Bluetooth range is approximately 20 ft.
4. *media button does not control Aux device or CD changer. Use radio buttons to control changer as customary and AUX device buttons for music selection and controls.

Mercedes Bluetooth adapter comparison chart

Feature	A2D-MB	A2D-MBCD	A2DIY-MBCD	A2DIY-MB
CD changer retention	x	✓	✓ ²	x
CD changer required	x	✓	✓	x
3.5mm AUX input	x	x	✓ ²	✓ ²
USB charging port	x	x	*	*
Mutes' audio system	*	*	*	*
Hands-Free profile	x	x	✓	✓
Streaming Audio	✓	✓	✓	✓
Push-to-talk button	✓	x	✓	✓
Wireless remote	**	**	✓	✓
Plug-n-play	✓	✓	✓	✓

* Radio must be in "AUX" Mode (Smartphone provides mute option)

** Optional

² Optional (user select option at checkout)

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

Frequently asked questions & troubleshooting

1. **My vehicle has a functioning 6-disc CD changer which I use to play CD's. Which option should I select when ordering?**
To retain CD changer playback simply select that option from [product page](#)
2. **My vehicle has a functioning 6-disc CD changer, but I no longer play CD's. Can I simply disconnect it?**
NO; For the A2DIY-MBCD to work, the 6-disc CD changer must remain connected. If you no longer listen to CD's; select AUX input instead; however, the 6-disc changer must be **functional and remain connected**. If vehicle does not have a changer or if it malfunctions; this module does not apply. Purchase our [A2DIY-MB](#) instead.
3. **Does the A2DIY-MBCD work in my 1999 S-Class with CD changer?**
NO. Mostly all 1999+ Mercedes CD changer is digital optic and not compatible with this module
4. **Can I control music streaming applications from radio buttons?**
NO; you must continue to use audio device built-in controls or included media button.
5. **How do I listen to CD's?**
Press CD button on radio. Ensure music streaming is paused. Control CD changer from radio as customary. To return to streaming or to receive phone call; press **Play/Pause** on media button or un-pause streaming from smart device.
6. **Will radio mute when I receive or make a phone call?**
Radio will mute when in Bluetooth mode (CD). If in any other mode (e.g., AM/FM), radio will not mute. In addition, you must switch radio to "CD" (Bluetooth Mode) in order to hear caller on car speakers.
7. **Why is my second phone not able to pair with Bluetooth receiver?**
In order to pair a second phone make sure no other phone is connected. Once free from other devices the module will enter discovery mode.
8. **What's the difference between A2DIY-MBCD and A2DIY-MB?**
The A2D-MBCD requires a working CD changer and the A2DIY-MB does not.
9. **Is there a Bluetooth solution for 1999+ fiber optic radios/changers?**
YES; Purchase our [ISFM23](#) or [ISFM2351](#).
10. **How do I activate Siri or Google Play?**
Use the same method for enabling voice activation on your device as you would in portable mode.

11. **Can I connect and play USB flash/thumb drive to optional USB port?**
NO; USB smart port is for charging only.
12. **Will my radio display phone number, song names etc.**
NO. This information is displayed on audio device only.
13. **How to I answer phone calls?**
Press pause/play on media button or on smart device. Use same button to end call.
14. **Do I need to purchase optional noise filter?**
More than 97% of our installs required a filter and because of that we highly recommend adding one.
Adding aftermarket accessories to the electrical circuit in older Mercedes could result in alternator noise (whine). A noise filter (See **Fig. 18**) is one way of eliminating these annoyances. Our optional noise filter (if ordered), will arrive pre-wired; however, if purchased at a later date, you must DIY. Click [here](#) to purchase our 3A noise filter seen below.

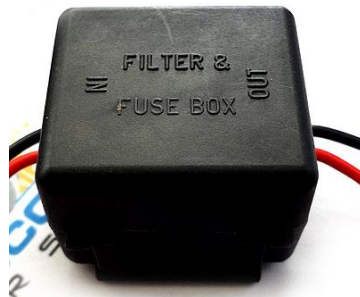


Fig. 18

15. **How do I DIY your noise filter?**
Our noise filter (**Fig. 18**) has two input and output wire pairs. The input side received unfiltered power/ground signal from vehicle and output side passes filtered power/ground signal to module. The filter therefore is installed between the module and car by simply cutting power/ground wires about an inch away from power plug (black). Filter input pair connects to black plug side and filter output pair connect to module side.

Disclaimer

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

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