



## **A2DIY-MBCD**

Quick Start Bluetooth Installation Guide for 1994-98 Mercedes Benz [With CD Changer](#)

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## Introduction:

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

1. Option to retain CD changer playback OR an auxiliary input jack. Use the aux jack to connect and play Mp3 players, satellite radio kit, iPods etc.

2. Optional 3A USB charging port to keep devices fully charged as you drive

The A2DIY-MBCD works only in 1992-98 Mercedes Benz Becker MC3194, MC3196 or MC3296 CD changers (CD changer remains connected).

If vehicle does not have a CD changer, purchase our [A2DIY-MB](#) instead.

Keep the radio and car you love while enjoying Bluetooth features only available on newer cars.

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 available separately.

1. Slide keys into radio slots to detent position. Withdraw radio by pulling outwards on keys. See [Fig. 2](#)

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



Fig. 1



Fig. 2

2. Disconnect factory 10-pin plug (See [Fig. 3](#)) from radio chamber (C) (See [Fig. 4](#)) and connect to adapter harness 10-pin connector (See [Fig. 5](#))



Fig. 3

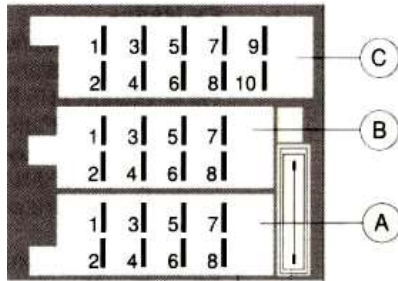


Fig. 4

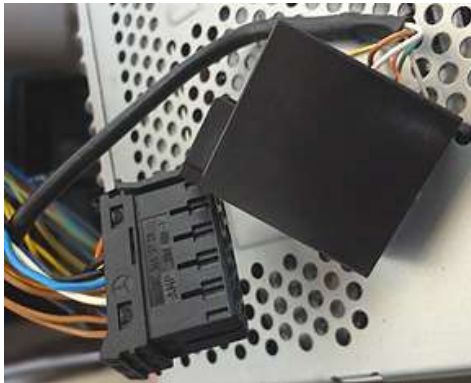


Fig. 5

3. Connect installation harness 10-pin red plug (See Fig.6) to radio (C) chamber vacated I step 2



Fig. 6

- NOT RETAINING CD CHANGER PLAYBACK** (changer remains connected)
4. Connect supplied 3.5mm audio cable (See Fig. 7) to Module "AUX" jack (See Fig. 8) and route other end to front of the dash or wherever Aux device will reside (within 3 ft.)



Fig. 7



Fig. 8

5. Connect push-to-talk button 1/8" plug to Module "CTR" jack, route button to front of the dash, remove tape backing and attach to dash (cable is 6ft. long). (See Fig. 6)



Fig. 9  
push-to-talk button

6. Use included visor clip (See Fig. 10a) to secure microphone (See Fig. 10) to visor or headliner



Fig. 10  
Microphone



Fig. 10a  
Visor clip

7. Carefully route microphones 3.5mm plug down pillar and connect to module "MIC" input (See Fig. 8) behind the dash

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



Visor

## Optional USB charging port (not for thumb drives etc.)

This USB cable kit provides up to 3 Amps of charging power. Custom install in a convenient location and discover how this charger is a massive improvement over many anemic aftermarket cigar lighter chargers.

To add USB charging kit to order, tap the option on order page.



optional USB charging port

Should you decide to add this kit, we suggest one of 3 connecting options:

- A. Flush to dash/panel requires drilling a 3/4" hole
- B. Flush with Support bracket (Mount USB terminal wherever your installation demands without drilling)
- C. USB port- (default)

### A. Flush to Dash or Panel (drilling required)

1. Drill a 3/4" hole in the dash or panel using a step drill bit or equivalent



Step drill bit

2. Insert supplied 3ft. USB male terminal (See **Fig. 11**) through hole created in step 1 and connect to USB charging port (See **Fig. 12**)



**Fig. 11**

Flush mount 3 ft. USB cable



**Fig. 12**

USB port

3. Snap USB head (See **Fig. 13**) in place and flush with mounting surface (See **Fig. 14**)



**Fig. 13**

USB head



**Fig. 14**

Flush mounted to dash

4. 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 USB support bracket (See **Fig. 15**) to surface using adhesive/tape or screws (included).



**Fig. 15**

USB mounting bracket

2. Insert male terminal through hole in bracket (See **Fig. 16**) and connect to module USB port (See **Fig. 12**)



**Fig. 16**

3. Snap USB head (See Fig. 16) to bracket until flush (See Fig. 17)



Fig. 17

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

## Bluetooth pairing and connection

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

1. Go to smartphone settings and enable Bluetooth
2. Smartphone should begin search for devices, otherwise enable search
3. From list of devices, select "LANNI" and click "Connect"

**Note:** This module will pair with multiple phones but connects to only one at a time. If for some reason your phone fails to pair, ensure no other phone has paired to module in such case you must unpair that device in order to pair another.



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.

## Bluetooth operation

### Pairing wireless remote:

The included wireless remote must be paired with Smartphone in order to control its operation. This device can also be paired with multiple devices but can only be operated from one at a time.



Select smart remote to pair

## Test Operation:

1. Turn ignition and radio "ON"
2. Press "CD" button on radio.
3. Launch Smartphone or tablet music streaming application
4. Ensure audio device volume is set to 80% or more.

### Using included remote control

With the wireless remote paired to smartphone, users may perform the following functions on devices with iOS7.0 and higher and Android 4.4 and higher.



### In addition to above:

- To answer/end call press **Play/Stop** button (Android only)
- To switch from streaming/AUX press, **Play/Stop** button (Android only)
- To answer/end call press push-to-talk button (Apple and/or Android)
- To switch from streaming/AUX press push-to-talk button (Apple and/or Android)

### Notes:

1. To switch between CD changer and Bluetooth, press control button
2. On incoming calls, ring tone also plays on car speakers
3. Bluetooth range is approximately 30 ft.
4. \*Wireless remote 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 comparison chart

| Feature              | BLU-MBCD | AZD-MB | AZD-MBCD | MBCD-HF      | AZDIY-MBCD   | AZDIY-MB     | MB-HF |
|----------------------|----------|--------|----------|--------------|--------------|--------------|-------|
| CD changer retention | X        | X      | ✓        | <sup>2</sup> | <sup>2</sup> | X            | X     |
| CD changer required  | ✓        | X      | ✓        | X            | ✓            | X            | X     |
| 3.5mm AUX input      | X        | X      | X        | <sup>2</sup> | <sup>2</sup> | <sup>2</sup> | ✓     |
| USB Charging Port    | X        | X      | X        | **           | *            | *            | ✓     |
| Mute Audio System    | *        | *      | *        | *            | *            | *            | *     |
| Hands-Free Profile   | ✓        | *      | X        | ✓            | ✓            | ✓            | ✓     |
| Streaming Audio      | ✓        | ✓      | ✓        | ✓            | ✓            | ✓            | ✓     |
| Push-to-talk button  | ✓        | ✓      | X        | ✓            | ✓            | ✓            | ✓     |
| Wireless remote      | X        | **     | **       | X            | ✓            | ✓            | X     |
| Plug-n-play          | ✓        | ✓      | ✓        | ✓            | ✓            | ✓            | ✓     |

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

\*\* Optional

<sup>2</sup> Optional (user select between CD Changer playback or aux input)

## Frequent asked questions

- 1. My vehicle has a CD Changer, and I wish to keep it functional?**  
To install the A2DIY-MBCD and retain changer playback simply select that option from [product page](#)
- 2. My vehicle has a CD Changer which I no longer use. Can I simply disconnect the changer?**  
**NO;** The A2DIY-MBCD requires a CD changer to function as described. If vehicle does not have a changer or if malfunctions; purchase our [A2DIY-MB](#).
- 3. Does this kit work in my 1999 S-Class with CD changer?**  
**NO.** This kit works in 1994-98 Mercedes with Becker BE1492, BE1692, BE2210, BE1350 or Alpine CM2296, CM2396 Radios, **1999+ use digital Changers and are not compatible**
- 4. Can I control Smartphone music from radio buttons?**  
**NO;** you **must continue to use audio device built-in controls or included wireless remote control.**
- 5. How can I listen to my CD changer?**  
Press CD button on radio. CD playback should now be heard on radio, otherwise check music streaming is disabled or paused. CD Changer from radio as customary.
- 6. Will stereo 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 a 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 but 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 of enabling voice activation as you would in portable mode.

- 11. Can I connect and play USB flash/thumb drive to optional USB port?**  
**NO;** USB port is for charging only.
- 12. How to I answer phone calls?**  
Press push-to-talk button. Use same process to end call

### Disclaimer

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

Email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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