A2D-MBFM

QUICK START BLUETOOTH INSTALLTION GUIDE FOR MERCEDES BENZ 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

Requirement
Mercedes BENZ RADIOS WITH FM BAND

Introduction

With Bluetooth technology and a Smartphone; Mercedes Benz radios without dedicated AUX port (e.g., 1999-Up digital fiber radios etc.) are able to stream applications on the car speakers thanks to the A2D-MBFM. The A2D-MBFM kit is designed to install in line with the radio antenna using the included antenna adapter kit: ISO (older radios) and FAKRA (newer radios). The antenna adapter that will be included will be based on vehicle selection during the checkout process. Please ensure the selected radio is the actual radio in your vehicle or email us a picture of the radio face prior to ordering. The A2D-MBFM works on all Mercedes Benz FM Band radio and does not interfere with normal radio operation or the operation of existing factory options (e.g. CD changer, GPS etc.)

Installation

Radio must be removed from dash to gain access to connectors. Many Mercedes radios requires removal tools (See **Fig. 1**) (sold separately). Mercedes
Double DIN radios do not require tools for removal. Special removal instruction available upon request.

1. Slide both tools into radio slots to detent position, (Straight edge facing out) and withdraw by pulling outwards. (See **Fig. 2**)
Click here for additional radio removal instructions.

Fig. 1
tools

Fig. 2
radio

2. Disconnect factory antenna terminal from radio socket (See **Fig. 3**)

Fig. 3
radio antenna terminal

3. Connect factory antenna plug (from step2) to antenna adapter **in Fig. 4**
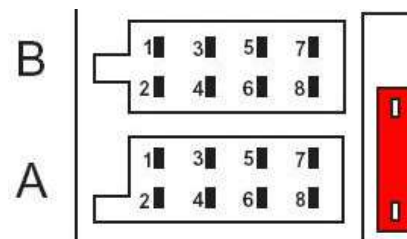

Fig. 4
antenna adapters

4. Connect included antenna adapter to radio socket vacated in step 2.
5. By default, the modulator tuning frequency is set to 87.9MHz. If for any reason you need to change to 88.3MHz; locate module frequency switch (top left), insert small screwdriver etc. and move switch to frequency mark seen in **Fig. 5**

87.9MHz   △   88.3MHz
Tuning Frequency

Fig. 5

6. Connect **RED** wire **(12 V DC)** to a 12 V power circuit in your vehicle
We suggest tapping wire at pin A7 of radio power/harness (See **Fig. 6**)

Fig. 6
radio connector

7. Connect **BLACK** wire **(GROUND)** to ground.
We suggest removing a radio chassis screw and securing ground terminal as seen in **Fig. 7.**

Fig. 7

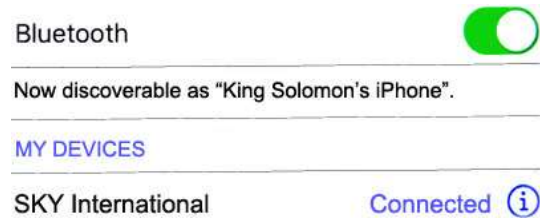8. Install include toggle switch (See **Fig. 8**) in an accessible area **(See FAQ on page 5)**

Fig. 8

9. Secure module behind radio cavity and proceed to Pairing.

Pairing

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

1. Turn ignition and radio "ON"
2. Move toggle switch (See **Fig. 8**) to "ON" position (if not already)
3. Open smart device ***Bluetooth Settings*** **and enable** ***Bluetooth***
4. Tap ***Scan (Search) for devices***.
5. Wait for Bluetooth device name to appear and tap
6. Connected is heard on car speakers

Bluetooth	🟢
Now discoverable as "King Solomon's iPhone".	
MY DEVICES	
SKY International	Connected ⓘ

Bluetooth operation

1. Turn ignition and radio "ON"
2. Set radio to tuning frequently selected in step 5. (87.9 or 88.3)
   Once frequency has been found, it is a good idea to store the frequency to one of the radios presents buttons (e.g., preset #1)
3. Launch smart device streaming app.
4. Device should now be heard on car speakers otherwise ensure smart device volume is at 95% or higher.
   Note: To avoid noise, ensure volume on device is set 95% or more even if radio volume is set low otherwise the radio will try to amplify a low-level signal (noise)
5. Use radio volume control button to set playback level. If distorted, lower volume on smart device.

Warning: Playlist and Track selection, text display are*NOT* possible from radio. Use audio device built-in controls to access and control audio files.

Notes:
1. If phone rings during streaming session; music is muted and call number announced on car speakers. Answer call on handset as customary.
2. **This module does no support hands-free calls)**. Once call ends, streaming resumes.

Frequently ask questions and troubleshooting

1. **What is the difference between this FM modulator and FM transmitter?**
Unlike FM transmitters, this FM modulator connects directly to the Mercedes radio antenna socket (input) to provide high quality sound as you would expect from a commercial radio station. FM transmitter's sends music signal over the airwaves, picked up by the antenna mast and then sent to the radio and prone to interference depending on weather conditions, topology, and landscape.

2. **No audio is heard even though radio is on the tuning frequency**
Check that ignition and toggle switch are on the "ON" position and smart device has paired.

3. **How good is sound quality from this module?**
Contrary to what you may have heard, the modulator included in this kit sounds very good and far better than FM transmitters which are subject to noise and interference.

4. **Does the A2D-MBFM work on all Mercedes radios?**
Works on any Mercedes/Sprinter radio with ISO or FAKRA antenna terminals.

5. **Can I control Smart device from radio buttons?**
NO; you **must continue to use audio device built-in controls** and radio volume control button to set playback level.

6. **I hear lots of distortion. What do you suggest doing?**
Ensure radio is set to selected Frequency.

7. **Will radio mute when I receive or make a phone call?**
If streaming, the speaker will mute and call number is announced on car speakers. When call has ended, steaming playback is resumed.
NOTE: Call must be taken on handset. (this module does not support hands-free calling).

8. **Why I'm I not able to pair a second smart device?**
In order to pair a second device, ensure no other device has already paired otherwise disable Bluetooth on first device and pair second.

9. **Do I need to connect red wire to Accessory (key on) or Battery (always on) supply wire in my vehicle?**
It is possible to connect red wire to Accessory or Battery power. If connected to Accessory, the module will power on/off with ignition key in which case the included toggle switch must be left in "ON" position.
If red wire is connected to battery supply (always on), we recommend using the toggle switch to turn the unit on/off. If left "ON" it could drain vehicles battery.

Email support@discountcarstereo.com