



A2D-MB23

BLUETOOTH MUSIC STREAMING INSTALLATION GUIDE FOR SPRINTER AND BLAUPUNKT AUX READY 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:

AUX READY RADIOS

Introduction

Just because you drive an older car does not mean you have to settle for old technology. The A2D-MB23 provides a Bluetooth **Music Streaming** solution for any A2DP Smartphones which then allows these radio owners to stream music without wires. Most Phones with Bluetooth 2.x, 3.0 etc. include the A2DP profile. Installing this adapter to Mercedes Sprinter radio requires sacrificing the CD changer (if present), but with the storage capacity of these new devices sacrificing the CD changer should be an easy decision.

Installation (Sprinter)

Remove radio from the dashboard to gain access to the connectors. A pair of removal tools (See Fig. 1) is required to remove **Sprinter Sound 10/20/30 radios**.



Fig. 1
Radio removal Tools

1. To remove radio, slide both tools into slots on radio to their detent position. Withdraw the radio by pulling outwards on the tools.
For specific use of the removal tools, click [here](#)



Fig. 2

2. Once radio has been removed, connect 10-pin plug from adapter harness (See Fig. 3) to (C) slot on radio (See Fig. 4)



Fig. 3
10-pin plug

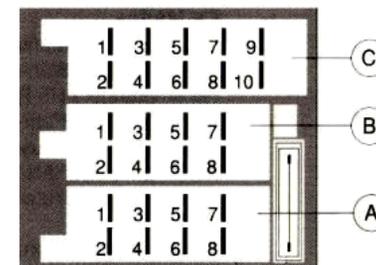


Fig. 4
Sound 10/20/30 radio connectors

Warning: Most Sound 10/20/30 radios are coded and will not operate without the code. Do not proceed to step 4 if radio code is not available otherwise radio will not operate upon reconnection

3. Disconnect 16-pin (A) (B) plugs from Mercedes radio (See Fig. 4) and connect to power harness 16-pin connector (See Fig. 5)



Fig. 5
Sprinter install harness

4. Connect black and brown plugs from harness (See Fig. 5) to slot "A" and "B" on radio.

Installation (Blaupunkt)

5. Remove radio from the dashboard to gain access to the
6. Connect harness 10-pin plug (See Fig. 3) to (D) slot on radio (See Fig. 6)

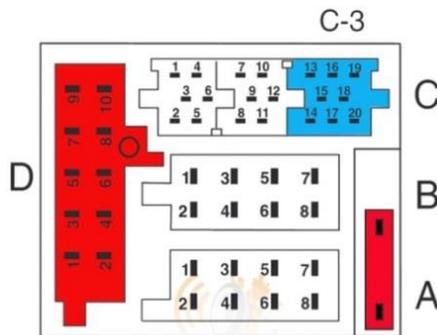


Fig. 6
Blaupunkt radio connectors

7. Disconnect 8-pin slot "A" plug from radio (See Fig. 6) and mate to 8-pin connector on power supply harness (See Fig. 7)
8. Connect 8-pin plug from power harness to slot (A) on radio (vacated in step 7)

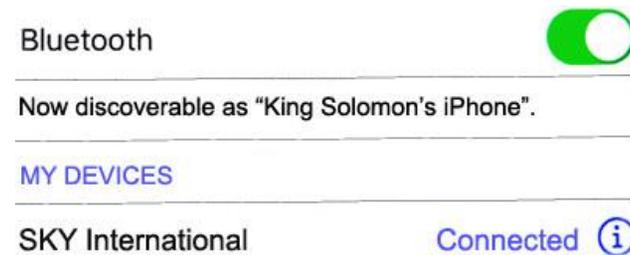


Fig. 7
Blaupunkt install harness

Pairing

Pairing process varies between Smartphone but the 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"
Red LED within adapter peephole will flash (pairing mode)
2. On A2DP device: go to **Settings, Wireless & Networks, Bluetooth Settings**
3. Select **Bluetooth** and turn on, select Bluetooth settings
4. Tap **Scan for devices**.
5. Wait for the Bluetooth device name (Sky International) to appear and select it. *Once paired the LED will glow steady (paired)*



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

Optional remote control

Optional remote control allows users to:

1. Control music wirelessly
2. Track up/down
3. Volume up/down

Pairing:



Press and hold for 3 sec. to enter pairing mode



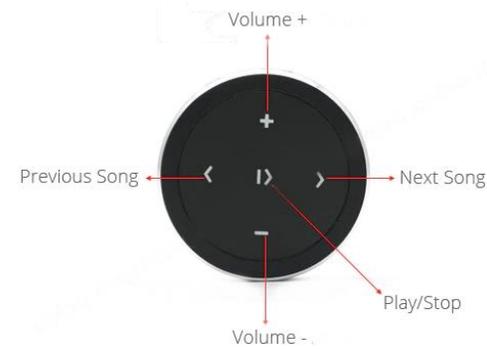
Blue LED will start flashing



Select smart remote to pair

Operation:

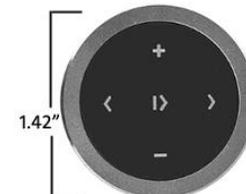
Use wireless remote to perform the following functions on any iOS7.0 and higher or Android 4.4 and higher.



Contents:



Steering wheel holder



Remote control



battery



Double sided tape

Enabling Aux input:

User must enable aux input on radio as follows:

Becker Sound 10/20/30 radios

Setting the audio input

The audio input setting will vary depending on which device is connected to it.

Possible settings:

- EXT OFF
The audio input is switched off.
- EXT AUX or EXT TV
The audio input is set for operation with an external audio source.
- EXT CD
The audio input is set for CD changer mode.

- ▶ Press the  button repeatedly until EXT appears on the display.



After approx. 1 second, the current setting (status) of the audio input will appear. The status display disappears after approx. 4 seconds.

- ▶ Before the status display disappears, turn the control knob until the required setting appears.
- ▶ Wait until the setting disappears from the display.

The new setting is stored.



If a CD changer* is connected:

Do not select either of the following settings: EXT OFF, EXT AUX or EXT TV. Otherwise, you will not be able to operate the CD changer or listen to a CD in the changer.

Switching to AUX or TV / video mode



You can only switch to AUX or TV/video mode if a CD changer* is not connected and if the audio input has been set accordingly (▷ page 46).

- ▶ Press the  button repeatedly until AUX or TV / VIDEO appears.



The car radio switches to AUX or TV/video mode. As long as the external audio source has been switched to playback, you will hear it via the car speakers..



You can set the volume (▷ page 16) and sound functions (▷ page 17) in AUX or TV mode.

courtesy of: DiscountCarStereo.com

Blaupunkt External AUDIO SOURCE SELECTION

External audio sources

You can connect up to two external audio sources to the device. Audio sources can, for example, be portable CD players, MiniDisc players or MP3 players.

You can connect the first external audio source (AUX1) **instead** of a CD changer.

You can connect the second external audio source (AUX2) **in addition** to the CD changer or AUX1.

In order to be able to use the AUX inputs, you must activate them in the set-up menu.

If you want to connect an external audio source, you will need an adapter cable.

Switching the AUX input on/off

- ▷ Press the MENU button 
- ▷ Press the softkey  assigned to the "AUX" display item.

The AUX menu is displayed.

- ▷ Press the softkey  assigned to the "AUX1" display item if no CD changer is connected and you want to connect an external audio source.

By pressing the "AUX1" softkey you can switch between the "AUXILIARY 1 ON" and "AUXILIARY 1 OFF" settings.

- ▷ Press the softkey  assigned to the "AUX2" display item. By pressing the "AUX2" softkey you can switch between the "AUXILIARY 2 ON" and "AUXILIARY 2 OFF" settings.

Note:

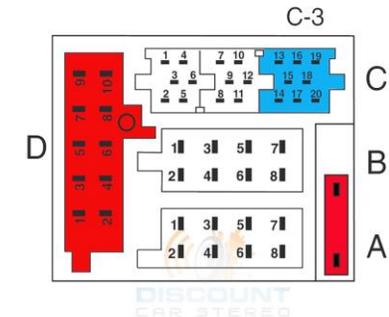
- If a CD changer is connected, you cannot change the "AUX1" input.

- ▷ Press the joystick OK  or the MENU button  to close the menu.

The settings are saved.

Note:

- If the AUX inputs are activated, you can select them by pressing the SOURCE button



Operation

1. Turn ignition and radio "ON"
2. Press CD or button combination to enter AUX mode.
3. Launch Smartphone or tablet streaming application
4. Use radio volume control button to set playback level.



Playlist and Track selection is ***NOT*** possible from the radio. You must use audio devices built-in controls to access audio files.

5. If correct operation is confirmed go ahead and push radio back into slot

Engine Noise:

Some report getting noise that increases with engine speed. If you experience alternator whine (noise increases with engine speed), We recommend adding a noise filter (e.g. [NF3A](#)) to power/ground supply lines (red/black wires)

Here is how to add Noise Filter:

Noise filter is installed between 8-pin female plug (**To radio**) and Bluetooth module as seen in **Fig.8 (Do not cut factory harness)**

If necessary, remove black tape from wires near 8-pin female plug
(You will be working on the black/red wires going to Bluetooth module)

- a. Cut red and black wires about 2 inches away from 8-pin plug
- b. Mate red wire from module with red wire from filter labelled OUT
- c. Mate black wire from module to black wire from filter labelled OUT
- d. Mate red/black wires from 8-pin plug to black/red wired on filter labelled IN.

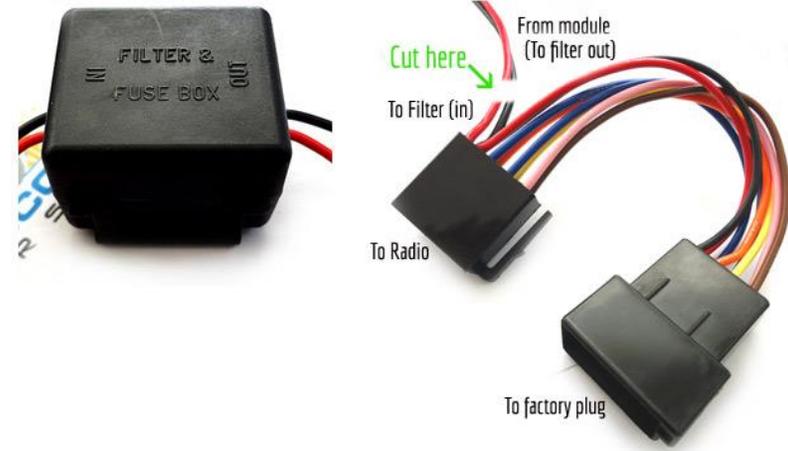


Fig. 8

Frequently ask questions & troubleshooting

- 1. My vehicle has a CD changer. Does the A2D-MB23 work in Sprinter vehicles with CD changer?**
YES; but the CD changer must be disconnected.
- 2. Does the A2D-MB23 work on all Becker and Blaupunkt radios?**
NO; the A2D-MB23 works on Sprinter Sound 10/20/30 radios only and all Blaupunkt radios with **second aux input.**
- 3. Do you offer an adapter that works on other Sprinter Becker radios (e.g. Sound 5) and other Blaupunkt radios?**
YES; Purchase our [A2D-BKR](#).
- 4. Can I control Smartphone or Tablet from the radio buttons?**
NO; you must continue to use Smartphone or Tablet built-in controls and display to operate the device. The volume button on the Becker/Blaupunkt radio is used to set the playback level.
- 5. This adapter 10-pin plug is identical to that of my Audi and Mercedes Benz. Will it work?**
NO; the A2D-BKR does not work in Audi, Mercedes Benz other than Sprinter Sound 10/20/30 radios.
- 6. Can I pair or save more than one device to the A2D-MB23?**
YES; more than one device (slaves) can be paired however only one connection can be active at a time.
- 7. Will I be able to make phone calls on this device?**
NO, the A2D-MB23 supports music streaming. Does not support Hands-Free calls.

Disclaimer

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

email support@discountcarstereo.com

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