

BECKER



BLAUPUNKT



IL-MB23

Installation Guide for Sprinter & Blaupunkt
with AUX Menu Option

Revised: August 7, 2018

Introduction:

Just because you drive an older car does not mean you have to settle for old technology. Apple recently released a new generation of products and with them a new Lightning plug, and if you have an older iPod adapter it will also need updating. With the iL-MB23 you can **play and charge** the newest Apple products including the iPhone 6+ without sacrificing the look and feel of the dashboard components. Installing this adapter to the Sprinter Radio does require sacrificing the CD Changer, but with the storage capacity of these new devices sacrificing the CD Changer should be an easy decision.

Installation:

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 20 and Sound 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. See **Fig. 2**



Fig. 2

2. With radio removed, connect the 10-way plug from adapter harness (See **Fig. 3**) into the (C) slot on Radio (See **Fig. 4**)



Fig. 3

10-way plug

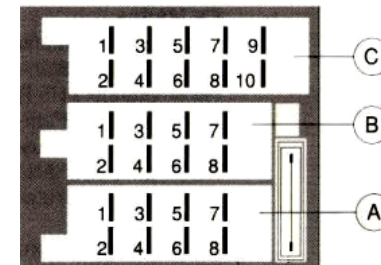


Fig. 4

(Becker Radio Connectors)

3. **For Blaupunkt Radios:** Connect the 10-way plug from adapter harness (See **Fig. 3**) into the (D) slot on Radio (See **Fig. 5**)

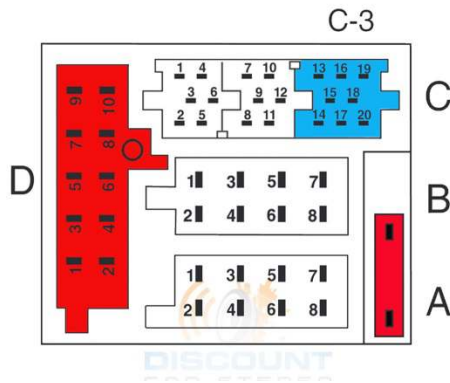


Fig. 5

Blaupunkt Radio Connectors

Warning! Most Becker 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.

4. Disconnect the 8-way **A plug** from Radio (See **Fig. 4& 5**) and connect it to the matting 8-way connector on power supply harness (See **Fig. 6**)
5. Connect the 8-way plug from power harness to the **A connector** (vacated in step 4)



Fig. 6

Power harness

6. Run the Lightning cable (See **Fig. 7**) to the desired mounting location on dashboard, glove box, console etc. that is within 6 ft. of Radio. Use caution to not cut, pinch or crimp the cable during this step.



Fig. 7

lightning plug

7. Securely install cable in a location away from heat, humidity, moving parts, or sharp metal objects. **Damage to lightning plug may occur if subject to abuse.**

Operation:

One of the most important steps in this process is to **set the audio input within the radio menu**. Most radios are pre-programmed to recognize a CD Changer connection and because of that you must perform the following steps and change the setting to “AUX” otherwise the radio will not recognize the iL-MB23.

Becker Sound 20 and Sound 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 **FM** 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 **AM/FM** 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.

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.

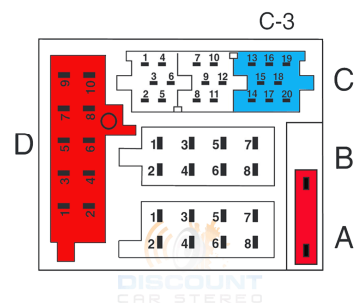
Note:

- 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



Test Operation

1. Connect your Apple iPod, iPad or iPhone to the Lightning plug
2. The Apple device will begin charging
3. Press the CD Button on Radio to enter AUX Mode. If radio does not enter AUX mode go to "**Operation**" above.
4. Select your favorite track using the devices built-in controls.

Warning! Playlist and Track selection is *NOT* possible from the radio. You must use the iPod built-in controls to access music files.

5. The Audio device should now be heard on the car speakers
6. Use the Volume control on the Becker radio to set adjust playback level
7. If successful go ahead and Reinstall the Radio

Frequently asked questions

1. **Why is your adapter better than what others are offering?**
Our cable is better because it uses **Apple Authentic digital to analog converter chip**. The knock off cables requires separate wires; one for charging (8-pin Lightning) and one for audio (3.5mm). **Our cable has a single 8-pin Lightning plug that works as intended** (Audio and charging) **and will not damage your device**.
2. **My vehicle has a CD Changer. Does the iL-MB23 work if radio has a CD Changer connection?**
YES; but the CD Changer must be disconnected.
3. **Does the iL-MB23 work on all Blaupunkt Radios?**
NO; the iL-MB23 works on all Blaupunkt DUAL AUX Radios only.
4. **Can I control the Apple device from the radio buttons?**
NO; you must continue to use Apple built-in controls and display to operate the device. The volume button on the radio is used to set the playback level.

Disclaimer

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

Call 804-717-5717 or email support@discountcarstereo.com

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