BT5x-BKR

(newest version)

QUICK START BLUETOOTH INSTALLATION GUIDE FOR BECKER 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.

Requirement
BECKER AUX READY RADIO

Introduction:

Many European vehicle owners wanting to keep their cars as original possible (including Becker radio) will be pleased to find this kit. Our BT5x-BKR module allows these proud owners to link up their Smartphones for **Bluetooth Hands-Free, music streaming**. The included wireless remote control allows users to change tracks, accept/reject phone calls, adjust volume, pause and more while keeping eyes on the road. The BT5x-BKR works only on Becker radios with an **AUX Menu option. CD changer (if present) must be disconnected**. To retain CD Changer, purchase our A2DIY-BKRCD.
An optional USB fast charging add-on kit is available to keep devices fully charged,
Keep the radio and car you love while enjoying Bluetooth features only available on newer cars. **For more details, see Frequently Asked question and comparison chart** at the end of this guide.

Warning: Most Becker radios are coded and will not operate without the code. Do not proceed with step 4 if radio code is unavailable otherwise radio will not operate upon reconnection.

Installation:

Remove radio from dashboard to gain access to the connectors. Special removal tools (See **Fig. 1**) are required to remove applicable Becker radios (except PCM1)

Fig. 1
Radio removal Tools

1. Slide tools into slots on radio. (Straight edge facing away). Withdraw radio by pulling outwards. To release keys simply press retaining springs. See **Fig. 2**.
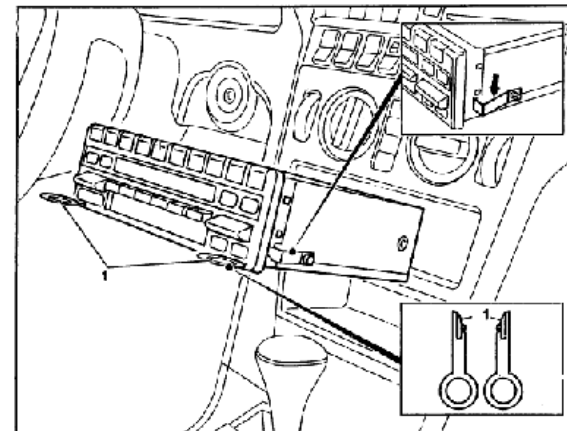   **For a more detailed radio removal process, click here.**

Fig. 2

2. Disconnect blue, green, and yellow plug (if present) from radio (See **Fig. 3**) by squeezing release tabs.

Fig. 3
Radio connectors

3. Connect harness blue plug (See **Fig. 4**) to radio slot vacated in step 2.
Note: Reconnect Yellow plug (if present). <u>**Blue and Green plugs remain disconnected.**</u>

Fig. 4

Warning: In order to retain Ferrari (e.g., 599, 612, Enzo etc.) radio cluster display; (See **Fig. 5**) optional **ISO8-HAR** harness **(See Fig. 6) IS required and must be purchased alongside this module.** This additional harness not required in Ferrari without radio cluster display.
Click here to purchase the harness.
Vehicles without radio cluster display <u>do not require the T-harness.</u>

Fig. 5

Fig. 6

4. Disconnect 8-pin **black plug** from radio (See **Fig. 3**) by squeezing release tab. Once removed, mate to 8-pin connector on harness seen in **Fig. 7**
5. Connect harness 8-pin **black plug** to radio chamber vacated in step 4.

Fig. 7
harness

6. Use clip to secure microphone to headliner or visor
7. Route microphone cable (10 ft.) down side pillar, to radio cavity
8. Connect microphone plug to module "MIC" jack. (See **Fig. 8**)
Wind noise (Convertibles) will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.

Fig. 8
Module

Optional USB type-C charger can be added to the BT5x-BKR kit. Should you decide to add it, we suggest one of 3 installation options:

A. **Flush to dash/panel requires drilling a ¾" hole**
B. **Flush with support bracket** (Mount terminal wherever your installation demands <u>without drilling</u>)
C. **Freestanding-** (default)

A. **Flush to dash/panel (drilling required)**

1. Drill a ¾" 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. Connect cable to USB-C port on charger **Fig. 11**)

Fig. 11

4. 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

Wireless remote control

Use included wireless remote control or audio device built-in controls to track up/down, answer/reject calls, adjust device volume all while keeping eyes on the road.

Installation:

Attach button to steering wheel or dashboard using included double-sided tape. The 433 MHz frequency means the remote is ready for use once battery has been installed.

Note: For transport purposes, the battery has been installed upside down. Please re-install battery (CR2025) label side up as seen in **Fig. 13**

Operation:

The below remote-control functions do not apply to factory radio.

Fig. 13

Bluetooth 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"
   LED inside module peephole will flash rapidly (pairing mode)
2. On A2DP device: go to **Bluetooth Settings**
3. Select **Bluetooth** and enable it
4. Tap **Scan for devices**.
5. Wait for Bluetooth device name (See below) to appear and tap it. *Once paired confirmation tone is heard on car speakers*

Bluetooth

Now discoverable as "King Solomon's iPhone".

MY DEVICES

DisCarSt   Connected ⓘ

Noteworthy: On Androids it may be possible to change device name to something of your own liking. This may not be possible on newer iOS devices.

Enabling AUX mode on Becker radios

One important step in this process is **enabling AUX function within radio menu**. Most Becker radios are pre-programmed to recognize a CD changer connection and because of that you must perform the following steps to change setting to "AUX" otherwise Bluetooth playback is impaired.

Enabling AUX Menu function

Radios with TP button: (i.e. CDR-220)

1. Turn radio "ON"
2. Press and hold the "TP" button for about 8 seconds until Becker 1 is displayed.
3. Turn the Tuning Knob until AUX OFF is displayed.
4. Press either button located directly under the Arrows on the display to change the present setting from OFF to ON.
   Turn radio OFF.
5. Turn Radio back ON, press "**S**" (Source) button to enter AUX Mode. This is the mode to use whenever you want to listen to the device connected to the adapter.

Radios with ☼ button: (i.e. BE6104)

1. Turn Radio "ON"
2. Press and hold the ☼ button for about 8 seconds.
3. Select AUX "ON/OFF" option.
4. Press either button located directly under the Arrows on the display to change the setting to ON.
5. Turn radio OFF.
6. Turn Radio back ON press the "☼" button until "AUX" is displayed.

Others with ☼ button (i.e. BE4602)

1. Turn radio ON.
2. Press and hold the ☼ button for 8 seconds, until Becker 1 is displayed.
3. Turn the Tuning Knob until AUX OFF is displayed.
4. Press either button located directly under the Arrows on the display to change the present setting from OFF to ON
5. Turn Radio back "ON" Press "CD" button to enter AUX Mode

Radios with 3 Function buttons (i.e. BE4527)

1. Turn radio ON.
2. Press and hold Function button #2 (center) for more than 4 seconds.
3. The accompanying menu appears on the display.
4. Press the multifunction button located directly under "AUX" on the display to change the present setting from OFF to ON.
5. The Setting is stored automatically.

Nav Traffic Radios

1. Press the "Radio" button to enter Radio mode.
2. Press the "Navi" and "F10" simultaneously
3. Press "Next" until the AUX input, Changer Res screen
4. Press AUX to enable/disable.

Becker 4775 (Land Rover Traffic Pro)

1. With radio "ON" press and hold the Tone button until sub-menu appears
2. Press "AUX" soft-key until the screen displays "AUX Mode on".
3. Press the Tone button to exit the menu.
4. To enter "AUX" mode, press the "CD" button and select the "AUX" soft-key.

Sound 5 (BE7077 Sprinter Van)

1. Turn radio ON.
2. Press the *dp* repeatedly until EXT menu appear.
3. Turn Rotary control knob clockwise and select EXT AUX.
4. Press the CD button repeatedly until "AUX" is displayed

Cascade Pro (i.e., BE6112, BE7941)

To activate the External Device mode
1. Turn radio ON.
2. Press the information button
3. Turn the rotary control/push (OK) button counterclockwise until System Settings appears at the top right of the display
4. Press the rotary control/push (OK) button
5. Turn the rotary control /push (OK) button to select External Device
6. Confirm selection by pressing the rotary control/push (OK) button
7. Select "AUX" from list and turn it "ON".
8. Exit menu
9. To listen to the "AUX" device, press the MEDIA button
10. Turn the rotary control /push (OK) button to "AUX" and press the rotary control/push (OK) button

Becker BE7801 Infotainment (Ferrari, Maserati)

1. Press the **TP** button for more than 2 seconds
2. Press multifunction button "AUX"
3. Select Ext audio source
4. press right control knob to select "ON"
5. The setting is store automatically

Becker DTM /High speed (i.e. BE-7892, BE7910)

1. Press **Sound** button for more than 2 seconds
2. Press multifunction button "AUX"
3. Select **Aux Mode on**
4. The setting is stored automatically

In CD Operation, the multifunction button AUX must be pressed to select AUX operation

Mercedes Sound 5

1. Press **MODE** button (indicated by arrow) repeatedly until AUX is displayed.

Operation:

1. Turn ignition to ACC and radio "ON"
2. Press radio Source button (or button combination) to enter AUX mode

3. Launch smartphone music streaming application
4. Use remote buttons or device built-in controls to change tracks, adjust device volume, pause etc.
5. Place test call.
6. Adjust call volume using remote control buttons, steering wheel controls or radio volume knob.
7. To end call, press "track forward" button on remote
8. If correct operation is confirmed go ahead and reinstall radio.

Fig. 14

Warning: Playlist and Track selection is *NOT* possible using Becker radio button. Use audio device built-in controls and display or remote control buttons to access and control audio files and applications.

Comparison chart

FEATURES	A2DMP-BKR	A2D-BKR	BT5x-BKR	A2DIY-BKRCD
Changer retention	X	X	X	✓
3.5mm AUX input	X	X	X	X
USB charging	X	X	**	**
Mute function	X	*	*	*
Hands-Free calls	X	×	✓	✓
Music streaming	✓	✓	✓	✓
Remote control	**	**	✓	✓
Plug-n-play	✓	✓	✓	✓
Text display	X	X	X	X
Radio button control	X	X	X	X

* Radio must be in "AUX" Mode

** Optional

Frequent ask questions

1. **What's the difference between A2D-BKR and BT5x-BKR?**
   The A2D-BKR supports streaming only, the BT5-BKR supports streaming and Hands-Free calling and also included wireless remote control.

2. **Does the BT5x-BKR work on all Becker radios?**
   NO; Becker radios **with "AUX" menu option are supported.** Enter radio menu to verify radio has this option. **(Becker CR210, CDR210, PCM2+ for example do not have this option and therefore not compatible)**

3. **Is there an adapter for Becker radios that do not have "AUX" menu?**
   YES; Purchase our A2DMP-BKR

4. **Can I control Smartphone from radio buttons?**
   NO; you must continue to use smartphone built-in controls and display, VR or included media button.

5. **Can I pair more than one device to the BT5x-BKR?**
   YES; but only one connection can be active at a time.

6. **Can I connect and play USB flash drive to optional USB type-C charging port?**
   NO; USB type-C port is for charging only. No audio playback or synching

7. **I'm experiencing noise with engine on. What do you recommend?**
   If experiencing engine noise or whine, we recommend adding a noise filter to the power supply lines. Our NF3A is available, however user can purchase and install filter of choice.

8. **I've installed according to guide, and able to turn radio on, but module does not show up on smartphone. What must I do?**
   Ensure ignition key is in ACC or ON positions. This ensure module is powered and ready to pair.

Disclaimer
- This product has no affiliation with Porsche, BMW, Mercedes, Maserati, Landrover, Becker etc.
- We're not liable for misuse of this product.
- We recommend professional installation.

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