

Courtesy of: DiscountCarStereos.com
Serving the internet community since 1995

BECKER



BT2x-BKR

QUICK START MUSIC STREAMING INSTALLATION GUIDE FOR BECKER RADIOS **WITH AUX MENU OPTION**

Created October 1, 2015

Revised: April 18, 2025

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:

BECKER ANALOG RADIOS WITH AUX MENU OPTION

Introduction:

Becker radios were standard equipment in many European luxury cars (e.g., Porsche, BMW, Mercedes, Land Rover, Ferrari etc.) and for those looking to upgrade to Bluetooth without changing the radio, we offer the new BT2x-BKR (formerly A2D-BKR) Bluetooth music streaming receiver. The BT2x-BKR allows Becker radio owners to stream music application from smartphone without wires. Remember the BT2x-BKR works only on **Becker radios with an "AUX" Menu Option** and **replaces the CD changer/AUX/iPod adapter** (if present). To retain use of the CD changer etc.; purchase our [BTA-BKRCD](#) instead. Please read this entire guide including **Frequently Asked question** at the end.

Installation:

Remove radio from dashboard to gain access to the connectors. A pair of [removal tools](#) (not included) (See **Fig. 1**) is required to remove all Becker radios.



Fig. 1

Radio removal Tools

1. Slide tools into slots to detent position. Withdraw radio by pulling outwards on the tools. See **Fig. 2**
Click [here](#) for more detailed radio removal instructions.

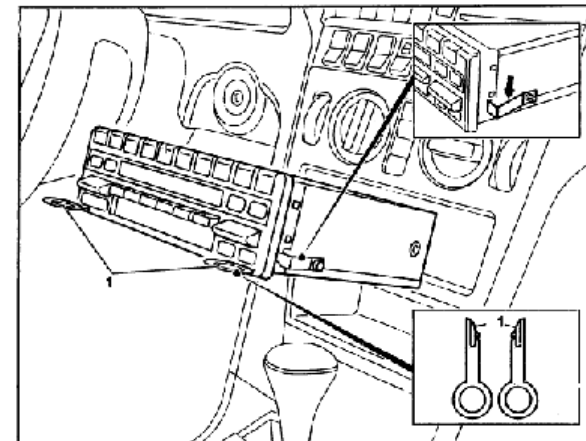


Fig. 2

2. If vehicle has optional CD changer, iPod adapter etc. disconnect both **BLUE** and **GREEN ISO** plugs from radio (See **Fig. 3**)

Alert: 6-pin GREEN ISO plug (if present) must remain disconnected otherwise radio will not retain AUX mode programming sequenced on page 5-6

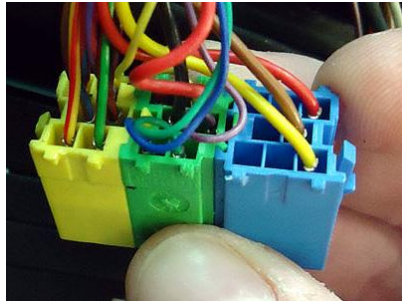


Fig. 3
Radio connectors

Warning: The Green and Blue plugs are for optional CD changer and/or another factory accessory. The YELLOW plug is reserved for factory amplifier.
The BT2x-BKR adapter replaces any accessory using the blue plug.

3. Connect BLUE ISO plug (See **Fig. 4**) to radio slot vacated in step 2
(Skip if vehicle has factory Hands-free kit)



Fig. 4
8-pin ISO plug

4. Cascade radios (e.g., BE6111, BE6112, BE7941 etc.) with factory Bluetooth Hands-Free Kit and Ferrari cluster display:
Optional **T-harness** (See **Fig. 6**) required to retain factory Hands-free kit and Ferrari digital radio cluster display (see **Fig. 5**).

Without optional t-harness; cluster display feature is lost and callers will not hear your voice during phone calls.

To install:

1. Connect optional T-harness BLUE plug (**Fig. 4**) to radio slot.
2. Reconnect factory BLUE plug to BLACK iso socket on T-harness. (See **Fig. 6**)

Note: T-harness required to retain radio cluster display (e.g., Ferrari) and/or factory Hands-free option



Fig. 5



Fig. 6
optional T-harness

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.

5. Disconnect factory 8-pin BLACK plug from radio chamber A (See **Fig. 7**)



Fig. 7



6. Connect factory 8-pin BLACK plug (from step 1) to mating 8-pin connector on power supply harness (See **Fig. 8**)
7. Connect 8-pin plug power harness plug (See **Fig.8**) to radio chamber **A** (vacated in step 1)



Fig. 8
Power harness

BMW and Mercedes solid 16-pin plug

Warning: BMW and Mercedes factory plug is a solid (molded) 16-pin speaker/power (A/B) plug. For these applications we are including harness seen in **Fig. 9**

1. Disconnect factory solid 16-pin plug from radio (**A, B**) (See **Fig. 7**) and connect to mating 16-pin connector on harness (See **Fig. 9**)
2. Connect harness 8-pin **plugs** (brown and black) to radio chambers **A** and **B** (vacated in step 7)



Fig. 9

3. Test for engine noise. If present a noise filter (not included) may be added. We recommend our [NF3A noise filter](#).
4. Secure adapter box and proceed to next section.

Feature comparison

Bluetooth hands-free and streaming modules:

Feature	BTH-BKRCO	BTH-BKR	BT5x-BKR	BT3-BKR
CD changer retention	✓	✓	X	X
Requires CD changer	✓	X	X	X
Requires radios with AUX menu option	X	✓	✓	X
Audio input (AUX)*	Optional	Optional	X	X
Charging (USB)	✓	✓	X	✓
Visor microphone	✓	✓	✓	✓
Hands-free calls	✓	✓	✓	✓
Audio streaming	✓	✓	✓	✓
Controls from radio buttons	X	X	X	✓
Wireless remote	✓	✓	✓	X
Module install location	Radio	Radio	Radio	Radio

*Aux input replaces CD playback

Bluetooth streaming modules (Not for hands-free calls)

Feature	BT2-BKR	BT2x-BKR
CD changer retention	X	X
Requires CD changer	X	X
Requires radios with AUX menu option	X	✓
Audio input (AUX)*	X	X
Charging (USB)	X	X
Visor microphone	X	X
Hands-free calls	X	X
Audio streaming	✓	✓
Controls from radio buttons	✓	X
Wireless remote	X	✓
Module install location	Radio	Radio

*Aux input replaces CD playback

Enable AUX menu option:

One important step in this process is to **enable the AUX function within the radio menu**. Most Becker radios are pre-programmed to recognize the 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 this module.



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



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

Other radios with ☼ button (i.e., BE4602)



1. Turn radio ON.
2. Press and hold the ☼ button for 8 seconds, until Becker I 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, BE6104)



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 multifunction button located directly under "AUX" on the display to change present setting from OFF to ON.
5. Setting is stored automatically.

Nav Traffic radios



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

Becker 4775 (Land Rover Traffic Pro)



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

Alternate Menu call up:

Press and hold "NAV" button and the last softkey selector (#10) at the same time.

Sound 5 (BE7077 Sprinter Van)




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

Cascade BE7941, BE6111, BE6112 etc. (Ferrari)



To activate the External Device mode

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

Becker BE6105, BE7801 (Ferrari, Maserati)



1. Press **TP** (Traffic program) 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. Setting is store automatically
- OR
1. Press and hold TP button to enter setup menu
 2. Press **AUX** soft key 2 times
 3. Select AUX using the right rotary control
 4. Press right rotary control to save setting
 5. Press **TP** button to exit setup

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



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

Pairing:

Pairing process varies from Phone to Phone 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"
Blue LED on module will flash
2. From your Bluetooth device, turn the Bluetooth ON and search for other Bluetooth devices.
3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See Fig. 11)
4. Confirmation "tone" is heard on car speakers and blue LED glows steady.
5. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.

Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000"

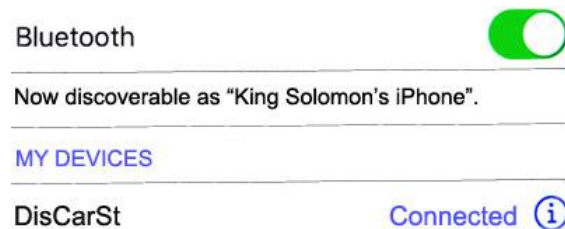


Fig. 11

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

Operation

1. Turn radio "ON"
Note: Many Porsche, Ferrari and other radios can be turned ON without placing key in ignition; however, for this module to power up; ignition must be turned to "ACC" or "ON" position.
2. Press radio "CD" or button combination to place radio in AUX mode
3. Set radio volume to minimum setting
4. Launch Smartphone streaming application.
5. Set volume on audio device (smartphone etc.) to 75% or more
6. Carefully adjust radio volume in small steps until desired volume is reached and without distortion.
7. On smart device, Launch streaming application of choice
8. Use wireless remote buttons or device built-in controls to change tracks, adjust volume, play/pause etc. (See Fig. 12)



Fig. 12

9. If correct operation is confirmed go ahead and reinstall radio.

Warning: Playlist and Track selection *NOT* possible from radio. Use audio device built-in controls or optional wireless remote to access and control audio files. Vehicles equipped with factory Hands-free option are required to pair with factory module and this module - one for calls and another for streaming.

Frequently asked questions & troubleshooting:

1. **My vehicle has a CD changer. Does the BT2x-BKR work in vehicles with CD changer?**
YES; but the CD changer, AUX or iPod adapter **must be disconnected and AUX mode enabled through radio menu.** **Warning:** AUX option will not enable if GREEN plug remains connected. Go to page 5 (enabling aux menu)
2. **Does the BT2x-BKR work on all Becker radios?**
NO; Works on all Becker radios with **"AUX" menu option.** Becker radios without AUX option (e.g., CR-210, CDR-210, CR-1 etc.), are not compatible, however if vehicle has a working CD changer, see our [BTA-BKRCD](#)
3. **My vehicle has factory Hands-free and I'm told the BT2x-BKR will not work. Is this true?**
Nonsense!! The BT2x-BKR adds streaming support and does not interfere with factory hands-free kit. **To install the BT2x-BKR and retain factory hand-free, our [ISO8-HAR](#) harness (sold separately) is also required.**
4. **After installing the module, my factory hands-free kit no longer works (caller can't hear me). What may be the issue?**
Ensure factory BLUE iso plug is connected to BLACK socket on T-harness.
5. **Will I be able to control Smartphone from factory radio buttons?**
NO; you must continue to use audio device (e.g., Smartphone) built-in controls and display to operate the device.
6. **Can I pair or save more than one device to the BT2x-BKR?**
YES; more than one device (slaves) can be paired however only one connection can be active at a time.
7. **Can I use BT2x-BKR to make/receive phone calls?**
NO; The BT2x-BKR support music streaming only. Purchase our [A2DIY-BKR](#) for phone calls and music streaming.
8. **My phone scans but does not pair with module. What I'm I doing wrong?**
The radio in Ferrari, Porsche and others are able to turn on without the key; however, for this module to power on; ignition must be set to ACC or ON position.

9. **I'm getting noise that increases with engine speed. Is this normal?**
If you experience alternator whine (increases with engine speed), we recommend adding a noise filter (e.g., [NF3A](#)) to power/ground supply lines.

Here is how to install noise filter:

If necessary, remove black tape from harness.

(You will be working with black and red wires on black plug (to radio) See

Fig. 13— DO NOT CUT FACTORY WIRES

- a. Cut red and black wire about 2 inches away from 8-pin plug
- b. Connect filter OUT red wire to red wire (from module)
- c. Connect Filter OUT black wire to black wire (from module)
- d. Connect filter IN red wire to red wire (To filter in)
- e. Connect filter IN black wire to black wire (To filter in)

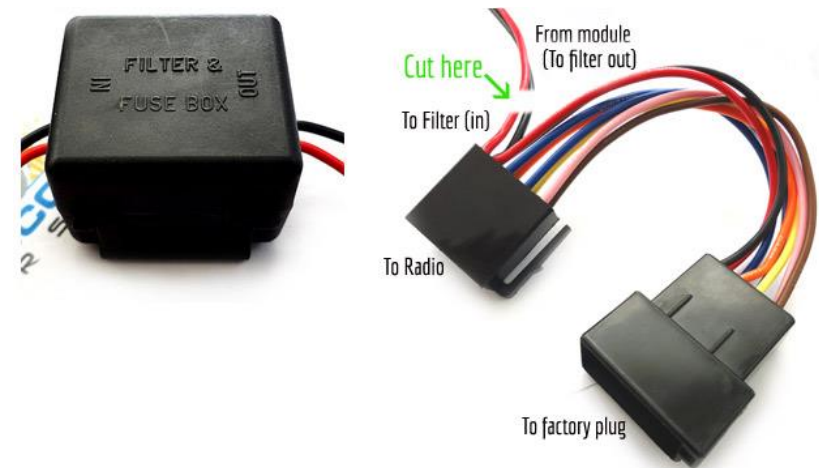


Fig. 13

Disclaimer

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

Email support@discountcarstereo.com

© 1995-2025-04-18 Discount Car Stereo, Inc. All rights reserved. Information in this document is subject to change without notice. Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders