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BECKER



A2D-BKR

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

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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:

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 A2D-BKR Bluetooth music streaming receiver. The A2D-BKR allows Becker radio owners to stream music application from smartphone without wires. In addition to Bluetooth an optional aux input jack can be added to which users are able to connect and play a wired audio devices such as MP3 players, iPods etc. Remember the A2D-BKR works only on **Becker radios with an "AUX" Menu Option** and **replaces the CD changer** (if present). To retain use of the CD changer, purchase our [A2D-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](#) (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.

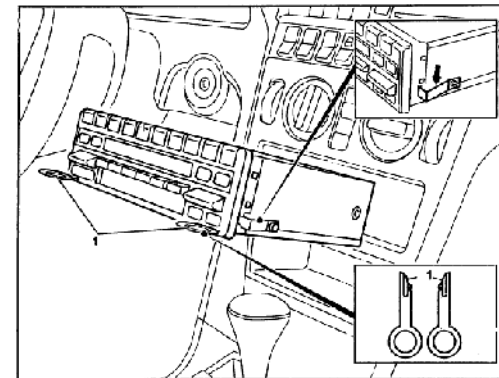


Fig. 2

2. If vehicle has optional CD changer, iPod adapter etc. disconnect both **BLUE** and **GREEN** plugs from radio (See **Fig. 3**)
Note: 6-pin GREEN iso plug (if present) must be disconnected otherwise radio will not retain AUX mode programming sequenced on page 4-5.

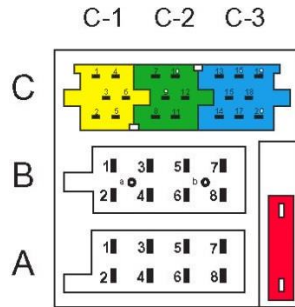


Fig. 3
Radio connectors

Warning: C2-C3 chambers are for optional CD changer and/or other accessories. C-1 chamber (YELLOW) is reserved for amplifier. **The A2D-BKR adapter replaces any accessory connected to C-2-3 slots.**

3. Connect BLUE ISO plug (See Fig. 4) to radio C-3 slot (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. 4b) required to retain factory Hands-free kit and Ferrari digital radio cluster display (see Fig. 4a).
Without optional t-harness; cluster display features are lost and callers will not hear your voice during phone call.
To install:

1. Connect optional T-harness BLUE plug (Fig. 4b) to radio C-3 slot.
2. Reconnect factory BLUE plug to BLACK iso socket on T-harness.

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



Fig. 4a



Fig. 4b
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.

Optional AUX input:

Optional AUX allows users to connect and play portable audio devices such as MP3 players, Sat radio kits, etc. If this option was purchased, connect included 3.5mm male-male cable (See Fig. 5) to aux jack on module (See Fig. 6) and route cable to dash area or where aux device will reside (within 3 feet)



Fig. 5

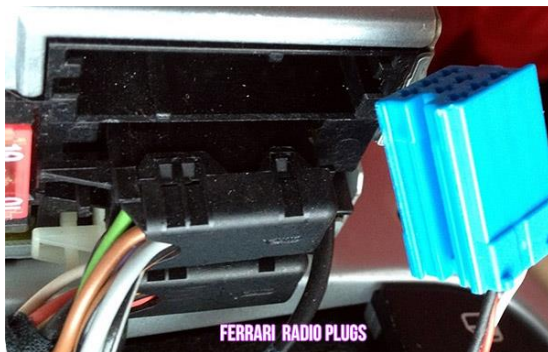


Fig. 6

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 matting 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 has a solid (molded) 16-pin speaker/power (A/B) plug. For these applications harness seen in Fig. 9 is included.

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



Fig. 9

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

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 "FIO" 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 appear.
3. Turn rotary control knob clockwise and select EXT AUX.
4. Press CD button repeatedly until "AUX" is displayed

Cascade Pro (e.g., BE7941)



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"
(Many Porsche radios turn ON without key in ignition; however, for this Bluetooth adapter to power up ignition must be turned "ON")
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 (See below) to appear and select it. Fig. 9 for optional AUX input
Once paired the LED will glow steady (paired)

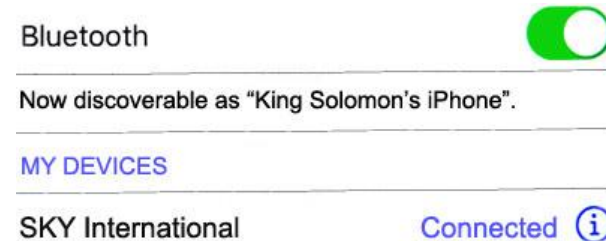


Fig. 10

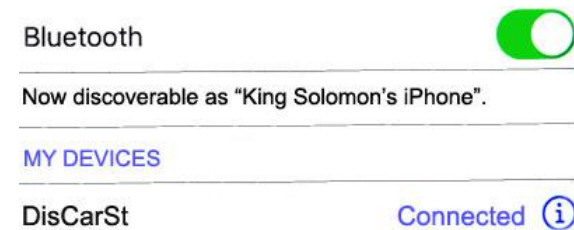


Fig. 11

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

Operation:

1. Turn ignition and radio "ON"
(Many Porsche and Ferrari 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 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.

Warning: 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

Listen to Aux:

1. Press "CD" button or button combination to access radio AUX Mode
2. **Disable Bluetooth on audio device (Smartphone)**
3. Connect AUX device to jack (if not already).
4. Place AUX device in playback mode.
5. To return to music streaming:
Re-enable Bluetooth on audio device (Smartphone)

Note: Streaming has priority so long smart device is paired. Aux playback is only possible when smart device is not paired or out of range.

Optional remote control:

Optional smart remote control allows users to:

1. Control music wirelessly
2. Activate phone commands (Google play only.)
3. Track up/down
4. Volume up/down

Note: Smart remote does not control radio functions.

Pairing:



Press and hold for 3 sec. to enter pairing mode



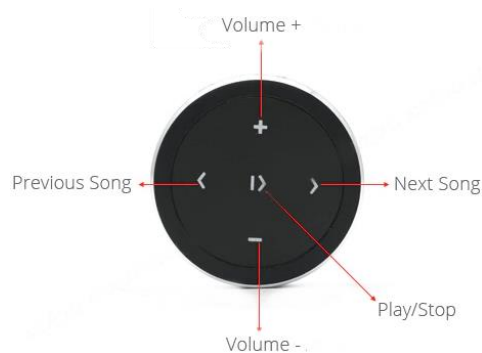
Blue LED will start flashing



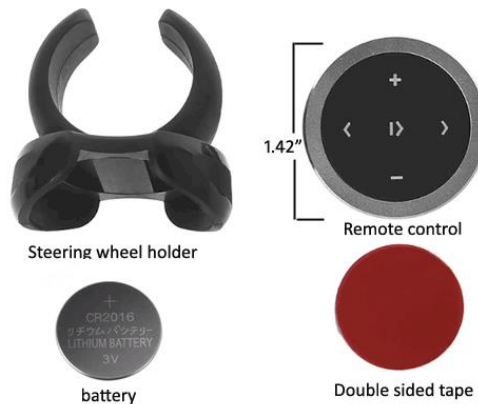
Select smart remote to pair

Operation:

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



Package contents:



Frequently asked questions & troubleshooting:

- My vehicle has a CD changer. Does the A2D-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)
- Does the A2D-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 [A2D-BKRC](#)
- My vehicle has factory Hands-free and I'm told the A2D-BKR will not work. Is this true?**
Nonsense!! The A2D-BKR adds A2DP support and will not interfere with factory hands-free. **To install the A2D-BKR and retain factory hand-free, our [ISO8-HAR](#) harness (sold separately) is required.**
- 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.
- 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.
- Can I pair or save more than one device to the A2D-BKR?**
YES; more than one device (slaves) can be paired however only one connection can be active at a time.
- How do I switch from streaming to optional aux input?**
Simply disable Bluetooth on smartphone and within seconds, module will switch to aux input. Aux input will not play while module is paired to smartphone.
- Can I use A2D-BKR to make/receive phone calls?**
NO; The A2D-BKR support music streaming only. Purchase our [A2DIY-BKR](#) for phone calls and music streaming.
- 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.

10. **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. 12— 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)

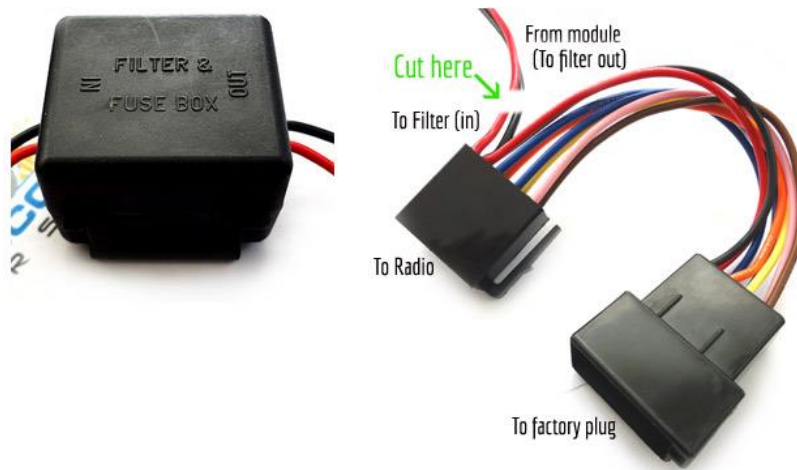


Fig. 12

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

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