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BECKER



## **A2D-BKR**

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

Created October 1, 2015

Revised September 14, 2020

## Introduction:

Becker radio was standard in many European luxury cars (e.g. Porsche, BMW, Mercedes, Land Rover, Ferrari etc.) and those looking to upgrade to Bluetooth without changing the radio, we offer the A2D-BKR Bluetooth receiver. The A2D-BKR allows these radio owners to stream music application from smartphone without wires. Optional aux input jack can be added to which users are able to connect and play portable 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.

See **Frequently Asked question** at the end of this guide for more details.

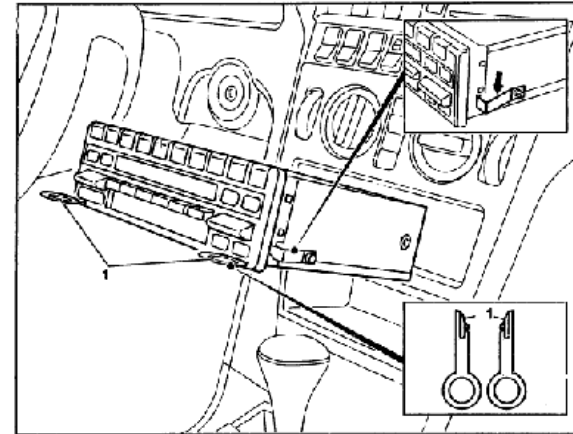
## Installation:

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.



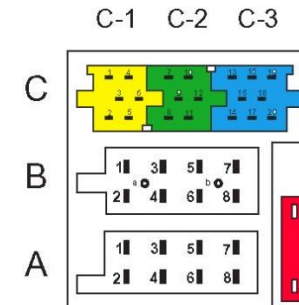
**Fig. 1**  
Radio removal Tools

1. Slide tools into slots to detent position. Withdraw radio by pulling outwards on the tools. See **Fig. 2**  
For specific use of these removal tools, click [here](#)



**Fig. 2**

2. With radio removed disconnect the Blue (**C-3**) and Green (**C-2**) plugs from radio (See **Fig. 3**)



**Fig. 3**  
Radio Connectors



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

3. Connect Blue ISO plug from installation harness (See **Fig. 4**) to C-3 slot vacated in step 2



**Fig. 4**  
8-way plug



**Fig. 4b**  
optional T-harness

**Optional Install notes for Ferrari Cascade radios (e.g. BE6112 etc.) and others with factory Bluetooth Hands-Free Kit**

Optional T-harness (See Fig. 4b) required to retain cluster display (see Fig. 4a) and/or factory hands-free calling options.


To install:

1. Connect blue ISD plug from step 2 to black connector on T-harness (Fig. 4b)
2. Connect blue plug from T-harness to **C-3** slot on radio vacated in step 2.
3. Proceed to step 4 below.

**Optional T-harness NOT required in vehicles without cluster display and/or Bluetooth hands-free**



**Fig. 4a**



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 option:**

If optional AUX input was added to your kit, connect included 3.5mm male-male cable (See Fig. 5) to aux jack on module (See Fig. 6) and route other end to dash area or where aux device will reside (within 3 feet)



**Fig. 5**



**Fig. 6**


4. Disconnect factory 8-pin plug from chamber A on radio (See Fig. 3)

5. Connect factory 8-pin plug (from step 4) to mating 8-pin connector on power supply harness (See Fig. 7)
6. Connect 8-pin plug from power harness to chamber A on radio (vacated in step 4)



Fig. 7  
Power harness

7. Test for engine noise. If present a noise filter (not included) may be added. We recommend our [NF3A noise filter](#).



BMW and Mercedes have solid A/B plug will NOT mate with our power harness. These vehicles must purchase harness below. Click link to go to product page.

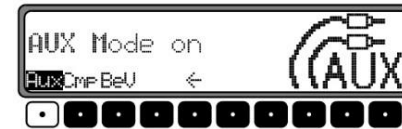


[http://www.discountcarstereo.com/bhal784\\_iso.html](http://www.discountcarstereo.com/bhal784_iso.html)

8. Secure adapter box and proceed to next section.

## Enabling Radio AUX Menu

One important step in this process is to **enable the AUX function within the radio menu**. Most Becker 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 adapter.



### 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 the "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.

### 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)



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 "FIO" 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 the Radio "ON" press and hold the Tone button until the sub-menu comes up.
2. Press the soft-key labeled "Aux" 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. 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 the right control knob to select "ON"
5. The setting is store automatically

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



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

## Pairing:

The pairing process varies from Phone to Phone 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"  
(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)*

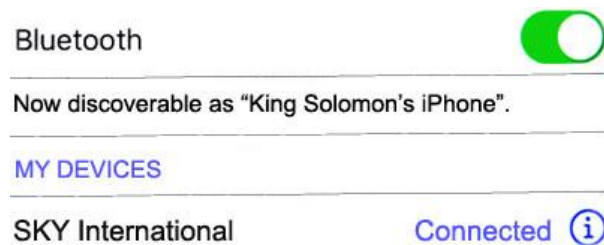


Fig. 8

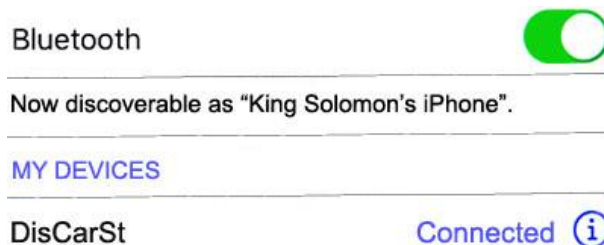


Fig. 9

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

## Test Operation:

1. Turn ignition and radio "ON"  
(Many Porsche, Ferrari radios can be turned ON without key in ignition; however, for this Bluetooth adapter 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.



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
6. **To listen to aux device:**
  - a. Press "CD" button or button combination to access AUX Mode
  - b. **Disable Bluetooth on smartphone**
7. Connect aux device to jack (if not already).  
Place aux device in playback mode as customary.  
2. To return to music streaming:  
Go to smartphone and **Enable Bluetooth**.  
*Note: Music streaming has priority while paired module. Aux playback is only possible if smartphone is not paired or out of range.*



# Optional Smart remote

Optional smart remote control allows users to:

- 1. Control music wirelessly
- 2. Activate Phone commands (Siri, Google play etc.)
- 3. Track up/down
- 4. Volume up/down

### Pairing:



Press and hold for 3 sec. to enter pairing mode



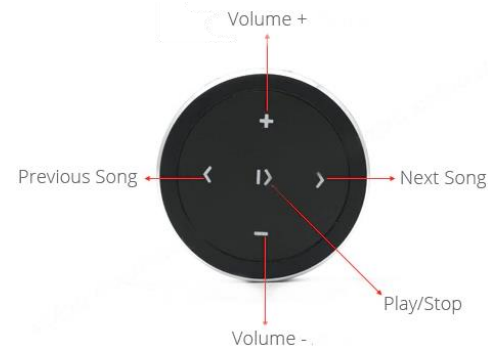
Blue LED will start flashing



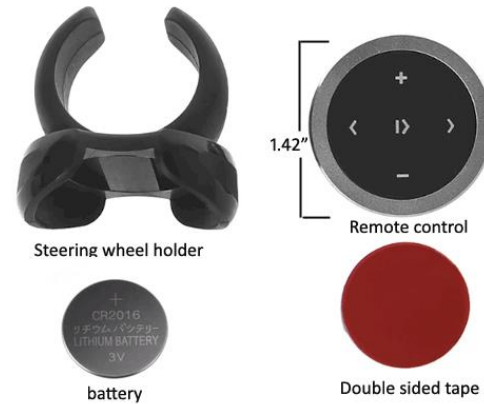
Select smart remote to pair

# Operation:

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



# Contents:





## Frequent asked questions

- 1. 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.**
- 2. 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-BKRCD](#)**
- 3. My vehicle has factory Hands-free kit and I'm told that will not work with this part. Is that true?**  
**Nonsense!!** The factory kit supports Bluetooth HPF profile but does not support A2DP profile (and is why users can't stream). The A2D-BKR adds music streaming and will not interfere with existing hands-free kit. To install the A2D-BKR and retain factory hand-free kit, our [IS08-HAR](#) harness (sold separately) is required.
- 4. Can I control my Smartphone music from the radio buttons?**  
**NO;** you **must continue to use audio device (e.g. Smartphone) built-in controls and display to operate the device.**
- 5. 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.
- 6. 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 if module is paired to smartphone.
- 7. 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.
- 8. My phone scans but does not pair with module. What I'm I doing wrong?**  
Many Ferrari, Porsche etc. radios are able to be turned on without the key, however for the module to power on; ignition must be set to ACC or ON position at which point pairing is enabled.
- 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. 10— **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)

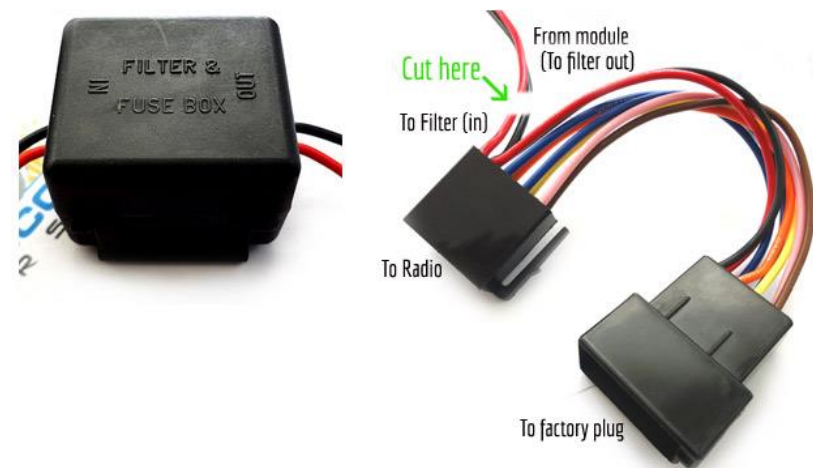


Fig. 10

#### Disclaimer

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

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