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Radio shown for illustration purposes only

## **BT45-BKR**

### **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.

## Requirements

BECKER AUX READY RADIO

## Introduction

Safety comes first when you're on the road, so having an intuitive and easy to use Bluetooth kit is essential to reducing driver distraction. The new BT45-BKR kit is compatible with virtually all Bluetooth phones, and sounds great whether using it for mobile conversations or streaming music. The wireless remote-control conveniently installed on the dash, is used to launch Voice Recognition application (Siri, Google Now, Assistant etc.) initiate phone calls and launch important applications. Thanks to the BT45-BKR kit you can **keep the radio and car you love** while enjoying Bluetooth features only available on newer cars.

## Installation

Radio removal required to gain access to the connectors.

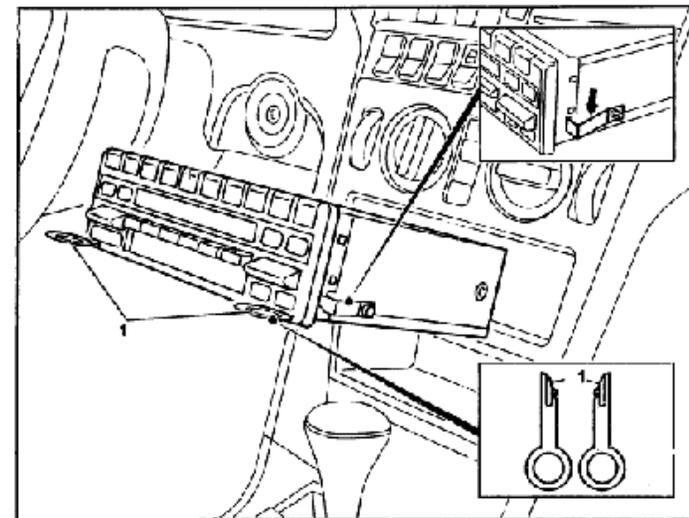
**Warning:** Most Becker radios are coded and will not operate without the code. Do not proceed to step 4 if radio code is not available otherwise radio will not operate upon reconnection.

Radio removal tool (See **Fig. 1**) required to remove Becker radio from dashboard.



**Fig. 1**  
Radio removal Tools

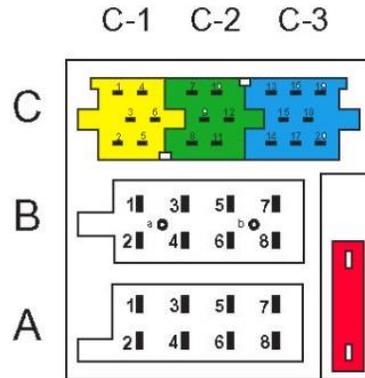
1. Slide tools into radio slots. (Straight edge facing away). Withdraw radio by pulling outwards. Once released, keys are removed by pressing retaining springs. See **Fig. 2**. For detailed radio removal click [here](#).



**Fig. 2**

2. If present, go ahead and disconnect **BLUE & GREEN** plugs (**C-2 and C-3**) from radio as seen in **Fig. 3**

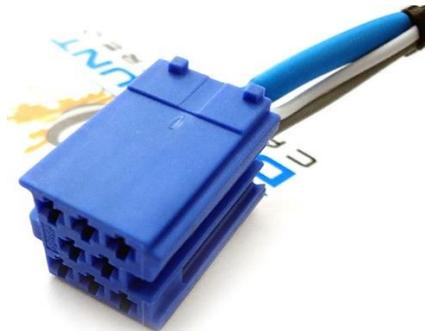
**Warning:** If vehicle has a CD changer, both **BLUE** and **GREEN** plugs must be disconnected. If vehicle has amplifier, **YELLOW** plug remains connected to chamber **C-1**.



**Fig. 3**  
Radio connectors

3. Connect installation harness **BLUE** plug (See **Fig. 4**) to radio chamber C-3 vacated in step 2.

**Note:** Factory **YELLOW** plug (if present) must be reconnected.  
Factory **GREEN** plug (if present) remain disconnected.



**Fig. 4**

**Warning:** In order to retain Ferrari cluster display; (See **Fig. 5**) optional **ISO8-HAR** harness (See **Fig. 6**) is required and must be purchased alongside module. T-harness **NOT** required for vehicles without hands-free or Ferrari without digital cluster. Click [here](#) to purchase T-harness.

Vehicles without Hands-free or Ferrairi digital cluster do not require optional the T-harness.



**Fig. 5**



**Fig. 6**

4. All radios (except BMW and Mercedes): Press **BLACK** plug release tab and disconnect from radio (See **Fig. 7**) and mate to harness 8-pin connector seen in **Fig. 8**



**Fig. 7**

5. Connect harness 8-pin **BLACK plug** (See **Fig. 8**) to radio chamber vacated in step 4. Proceed to step 6.

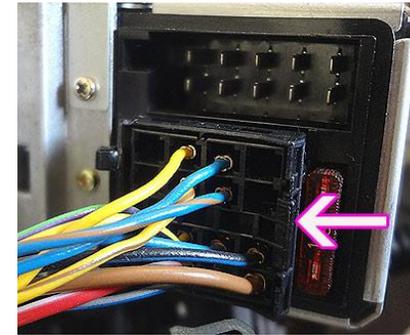


**Fig. 8**  
harness

## BMW and Mercedes solid 16-pin plug

**Alert:** The factory 8-pin speaker and power plug in BMW and Mercedes is molded into a solid 16-pin **BLACK** plug that will not fit standard harness seen in **Fig. 8**. For these vehicle applications we are including harness seen in **Fig. 10**

1. Press molded **BLACK** plug release tab and disconnect from radio (See **Fig. 9**) and mate to molded 16-pin **BLACK** connector on harness (See **Fig. 10**)
2. Connect harness 8-pin plugs (**BROWN** and **BLACK**) to radio chambers vacated in step 1. Proceed to step 6.



**Fig. 9**



**Fig. 10**

6. Connect installation harness right angle 3.5mm plug (See **Fig. 11**) to module "AUX1" or "AUX2" jack (See **Fig. 12**)



**Fig. 11**



Fig. 12  
Module

7. Use visor clip to secure microphone (See Fig. 13) to visor.
8. Route microphone plug down side pillar, under dash and into radio cavity as seen in Fig. 14
9. Connect microphone plug to module "MIC" input (See Fig. 12)



Fig. 13  
microphone

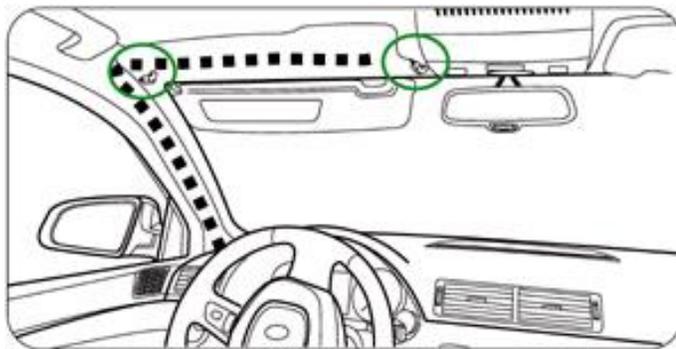


Fig. 14

10. Connect installation harness 6-pin plug to module "Radio/Power" port (See Fig. 15 and 16)



Fig. 15



Fig. 16

11. Twist remote control battery cover (bottom) and open to remove **clear protective** film from battery. Close cap.
12. Secure remote-control (See Fig. 17) to location of choice using included double side tape. Avoid placing in direct sunlight (dashboard etc.)



Fig. 17  
remote control

13. Secure any extra wires and proceed to "Initial radio setup".

## Initial radio setup

Most Becker radios are pre-programmed to recognize optional CD changer connection and because of that you must perform the following steps and change setting from CD changer to "AUX" otherwise module will not perform as intended.

**Warning:** Compatible only with Becker **AUX** ready radios. Becker CDR210, CR210, PCM2 etc. do not have AUX menu option and therefore **NOT COMPATIBLE**. Compatible radios listed in drop-down on product page

## Enabling AUX and Phone function



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



1. Turn radio "ON"
2. Press and hold the "TP" button for about 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.  
Turn radio OFF.
5. Go to **Tel** and select **Ph On** option
6. Turn radio back "ON" Press "S" 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: (e.g., 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. Go to **Tel** and select **Ph On** option
6. Turn radio OFF.
7. Turn radio back ON press the "☀" button until "AUX" is displayed.

### Other Radios with ☀ button (e.g., 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. Go to **Tel** and select **Ph On** option. Turn radio "OFF"
6. Turn radio back "ON" Press "CD" button to enter AUX Mode

### Radios with 3 Function buttons (e.g., 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. Go to **Tel** and select **Ph On** option
6. 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.
5. Go to **Tel** and select **Ph On** option

Alternate method:

1. Press "Sound" button for more than 2 seconds
2. To access user menu second level, press multifunction Button →
3. With multifunction button "AUX" select either "AUX mode ON" or "AUX mode off"
4. The setting is stored automatically
5. In CD mode, multifunction button "AUX" must be pressed to select "AUX" mode.

## Becker 4775 (Land Rover) & Other 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. Go to **Tel** and select **Ph On** option
4. Press the Tone button to exit the menu.
5. 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. Go to **Tel** and select **Ph On** option
5. 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. Go to **Tel** and select **Ph On** option
8. Exit menu
9. To listen to "AUX" device, press MEDIA button
10. Turn rotary control /push (OK) button to "AUX" and press rotary control/push (OK) button

## Becker BE7801 Infotainment (Ferrari, Maserati)



1. Press 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. Go to **Tel** and select **Ph On** option
6. Setting is stored automatically

## 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. Go to **Tel** and select **Ph On** option
  5. Setting is stored automatically
- In CD operation, the multifunction button AUX must be pressed to select AUX operation

## Enable phone function

This option must be enabled otherwise callers voice will not be heard on car speaker. To enable simply open radio phone menu and set PH to "ON"

### Radio Operation

#### Telephone mute function

The telephone characteristics can be set in the user menu (see also page 27) if a telephone system is installed in the vehicle and the mute function lead for the car telephone is connected to the car radio.

For the setting MUTE, the radio is switched to mute if a call is received.

For the setting AUDIO, the telephone sound is connected through the radio unit if a call is received.

However, this is only possible if, in addition to the telephone, a handsfree unit with loudspeaker output is installed and connected to the radio. In both cases, PHONE is displayed.



### User Menu

#### Telephone mute characteristics (PHONE)

If a telephone system with handsfree unit is installed in the vehicle, the telephone conversation can be conducted via the car radio system. Thus, installation of the normally required additional loudspeaker is not necessary. However, the signal cables (AF - telephone input and earth - telephone input) must be connected to the car radio (see page 30).

In order to activate, request user menu then set PHONE using the right rotary control. Then, the multifunction buttons "◀" or "▶" can be used to select between

- |        |   |                                       |
|--------|---|---------------------------------------|
| PH OFF | - | telephone mute function and           |
| PH ON  | - | telephone conversation via car radio. |

are selected. The setting is effective immediately after actuating the multifunction button.



## Bluetooth pairing

Pairing varies among phones but the basic steps are the same. This process is done upon initial install and does not have to be repeated

1. Enable Bluetooth on device (e.g., smartphone)
2. Search for available devices
3. Turn Ignition and radio "ON", and put radio in "AUX" mode
4. Select BT45-AUX from list
5. *Once pairing process is complete, you will hear "CONNECTED" on car speakers*

### Pairing a second device (multi-point)

1. Turn vehicle ignition "OFF".
2. Disable Bluetooth on first phone (already paired)
3. Turn vehicle ignition "ON"
4. Turn radio "ON" and to "AUX" Mode
5. **Enable Bluetooth on second phone and search (scan) for available devices**
6. Select the BT45 and click "Connect"
7. Upon paired you will hear "Connected" on car speakers
8. Turn ignition "OFF"
9. Enable Bluetooth on First phone
10. Turn ignition back "ON"
11. Turn radio "ON" and to "AUX" mode
12. Both phones will automatically connect. You should hear "Connected, connected" confirming both devices have been successfully connected

## Remote control

1. If not already done, twist open remote control bottom cap (turn counterclockwise)
2. Remove battery's protective clear film so battery negative terminal comes in direct contact with circuit board.
3. Blue LED will now flash when tapping remote buttons
4. Close cap
5. Use included double-side tape to place remote control at a location that is most convenient. Avoid placing the remote control over or around airbags or under direct sunlight.

### Remote battery replacement;

The LED on remote control will blink 10 times to indicate battery is low. Replace battery with 3V CR2032 by following these steps:

1. Turn vehicles ignition to "OFF"
2. Twist open remote control bottom cap and remove battery (observe polarity)
3. Turn vehicles ignition to "ON" and radio to "AUX" mode and within 60 seconds install new battery
4. You will hear a long beep through radio at the same time the remote control's LED will turn solid blue followed by 10 flashes
5. If remote LED does not flash 10 time, repeat steps 2 -5

### Remote functions



## Enable/disable voice prompt + caller announcement

1. Stop all active calls and or media streaming
2. Press ► button on remote control to enable feature: you will hear "Voice Enabled"
3. Press ◀ button on remote control to disable feature: You will hear "Voice disabled"

## Media streaming

If you have 2 phones paired you can stream music from either one.

1. Set the radio to AUX mode
2. Launch your preferred music app
3. Use wireless remote control to adjust volume, change tracks etc.
4. To switch between phones, simply pause first phone and press play on second device and vice versa

## Hands-free operation

Answer and end calls.

1. Set the radio to AUX mode (if not already set)
2. To answer call, press the ► button on remote control or answer directly on phone\*
3. To reject call or end press the ◀ button on remote control
4. Phone call audio can be adjusted by remote control, phone control, radio volume or steering wheel control buttons

\*If you answered call directly from phone, phone audio will go through the phone. You must select BT45 from phone screen to redirect call

## Placing calls

1. Tap the  button on remote control to initiate voice command or make call directly from phone
2. Press ◀ button on remote control to end call

Keep in mind the environment inside a moving vehicle tends to be noisier. This will directly affect how accurately the phone's voice recognition picks up your voice commands

### Notes:

1. If playback is distorted, adjust volume on Bluetooth device.
2. Voice command compatible with Apple (Siri), Android (Google Now), Blackberry (Assistant)

If successful go ahead and reinstall radio

Congratulations, you've just updated your vehicle to support new technology while preserving the original radio and dash components.  
Enjoy!

## Comparison chart

Use below chart to compare our Becker radio Bluetooth adapter features. This should help determine which best meets your requirements.

FEATURE	BLU BKR	A2D BKR	BLU BKR235	BT45 BKR	A2DIY BKR	BKR HF
CD CHANGER RETENTION	X	X	X	X	X	X
AUX INPUT	X	X	X	X	✓	✓
USB CHARGING PORT	X	X	X	X	**	✓
MUTE AUDIO SYSTEM	*	*	X	✓	*	*
HANDS FREE PROFILE	X	X	✓	✓	✓	✓
STREAMING AUDIO	✓	✓	✓	✓	✓	✓
REMOTE CONTROL	X	X	X	✓	✓	X
PLUG N PLAY	✓	✓	✓	✓	✓	✓

\* Radio must be in "AUX" Mode

\*\* Optional

\*\*\*Wireless remote control

## Frequent ask questions and troubleshooting

- Do I have to disconnect CD changer?**  
**YES; CD changer must be disconnected (both blue and green plugs)**
- Does the BT45-BKR work on all Becker radios?**  
**NO; works on Becker radios with "AUX" input menu option. Radios without "AUX" menu options are NOT compatible. See our [A2DMP-BKR](#)**
- Can I control Smartphone music from radio buttons?**  
**NO; you must use Smartphone built-in controls/display or wireless remote control and/or voice commands. Volume button on the Becker radios can used to set playback level.**
- My Becker radio (e.g., BE6111, BE6112, BE6105 etc.) have built-in Bluetooth. Can I use radio Bluetooth controls with this Kit?**  
**NO; you must use included wireless remote-control or VR functions.**
- Can I also connect a non-Bluetooth device (e.g., MP3 Player, Satellite radio etc.)?**  
**NO; this kit does not provide an AUX input. See our [A2DIY-BKR](#) instead.**
- Does Becker radio mute when I receive or make a phone call?**  
**YES; Radio will mute when a call is initiated or received. "PHONE" is displayed on radio screen.**
- My second phone can't pair or locate the Bluetooth device?**  
**In order to pair a second phone you must turn Bluetooth to "OFF" on first phone. Second phone will now pair. Refer to page 8.**
- Does this kit announce call number?**  
**YES. Call number is announced on car speaker as well as ring tone.**

### Disclaimer

- this product has no affiliation with Becker or Apple
- we're not liable for misuse of this product.

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