



For illustration purposes only

BTH-BKRC

HANDS FREE, MUSIC STREAMING INSTALLATION GUIDE FOR BECKER RADIOS AND SEPARATE CD CHANGER

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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

Functional CD changer in trunk or hatch

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 BTH-BKRCD (formerly A2DIY-BKRCD) works with virtually all Bluetooth enabled phones and sounds great whether using for mobile conversations, streaming music and retaining use of required CD changer. **Keep vehicle, radio and CD changer** while enjoying Bluetooth features only available on newer cars.

Note: A functioning CD changer required and at least one disc must remain in magazine. **If vehicle does not have a functioning CD changer, purchase our A2DIY-BKR instead.**

Installation

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.

1. Remove radio from dash to gain access to the connectors. A set of removal tools (See **Fig. 1**) is required.



BRRT

GRRT

Fig. 1

Radio removal tools

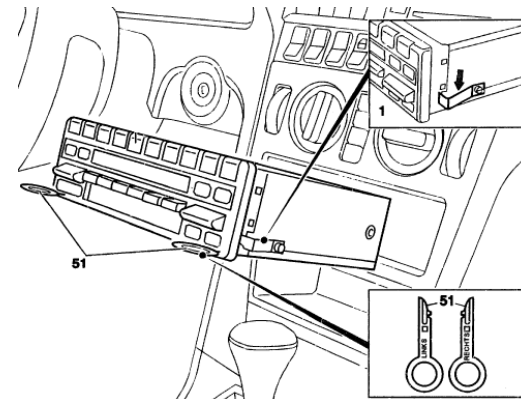


Fig. 2

2. Slide tools into radio slots (51) with straight edge facing away. Withdraw radio by pulling outwards. With radio removed, press retaining spring to release keys. See **Fig. 2**.
For detailed radio removal instructions, click [here](#).
3. Disconnect BLUE plug (C-3) from radio (See **Fig. 3**) (pinch blue tab to release)



Fig. 3

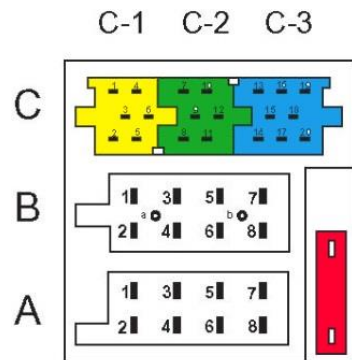


Fig. 3A

Radio connectors

4. Connect factory BLUE plug from step 3 to BLACK connector on install harness (See Fig. 4)



Fig. 4

5. Connect BLUE plug from install harness (See Fig. 4) to radio (C-3) chamber vacated in step 3.
6. Disconnect 8-pin black plug (A) from radio (See Fig. 5) and connect to install harness matting 8-pin connector (See Fig. 6)



Fig. 5



Fig. 6

7. Connect install harness 8-pin plug (See Fig. 6) radio chamber (A) vacated in step 6.

BMW and Mercedes solid 16-pin plug

Warning: BMW and Mercedes have a solid (molded) 16-pin speaker/power (A/B) plug. For these applications harness seen in **Fig. 6a** is included.

1. Disconnect factory 16-pin (solid plug) from radio (See **Fig. 5**) and connect to mating 16-pin connector on harness (See **Fig. 6a**)
2. Connect harness 8-pin **plugs** (brown and black) to the radio chambers vacated in step 1



Fig. 6a

3. Test for engine noise. If present a noise filter (not included) is recommended. See our [BT63-NF noise filter](#).
8. Secure microphone (See **Fig. 7**) to visor or headliner using included clip (See **Fig. 8**)



Fig. 7
Microphone



Fig. 8
Visor clip

8. Route microphone right angle plug (See **Fig. 7**) down pillar, under driver kick panel into radio cavity.
9. Connect microphone to module "MIC" input jack (See **Fig. 9**)



Fig. 9

Be cautious not to damage or cut microphone cable.

Optional USB extension cable installation

Please note: Optional USB dash mount extension cable is not required for operation; however, it extends USB charging port (See Fig. 11) to dashboard, glovebox etc. and **USB port supports software updated and charging only**

1. Drill a $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See Fig. 10)



Fig.10

2. Fish USB cable terminal (See Fig. 10) through hole created in step 1 and plug into USB port on module (See Fig. 11)



Fig. 10
USB cable



Fig. 11

3. Snap header (See Fig. 12) to surface until flush (See Fig.13)



Fig. 12



Fig. 13

4. Secure module and proceed to pairing

Wireless remote control

Use included wireless remote control 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. 14**

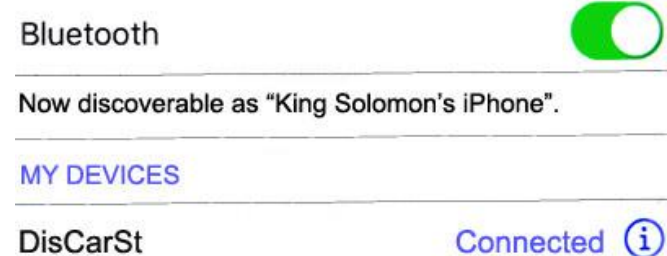


Fig. 14

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.

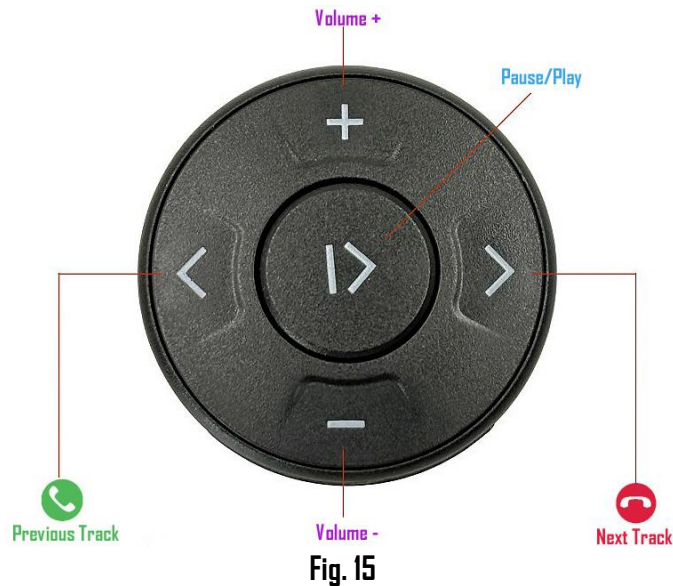
1. Turn ignition and radio "ON"
2. On A2DP device: go to **Bluetooth Settings**
3. Select **Bluetooth** and enable it
4. Tap **Scan for devices**.
5. Wait for Bluetooth device name (See below) to appear and tap it. *Once paired confirmation tone is heard on car speakers*



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.

Bluetooth operation:

1. Turn ignition and radio "ON"
2. Press CD button or button combination to enter CD changer mode
(Ensure at least 1 disc is loaded and remains in changer magazine)
3. Launch smartphone music streaming application
4. Use remote control (See Fig. 15) or device built-in controls or touch screen to for track selection etc.
5. Place phone call or ask someone to call. To answer call; press **Previous track button on remote control.**
6. To end call press **Next track** button remote control.
7. To listen to switch over to the CD changer; press **Pause/Play** on remote control
8. To switch back to streaming; press **Pause/Play** on remote control
9. If correct operation is confirmed go ahead and reinstall radio.



Comparison chart

FEATURES	A2DMP-BKR	A2D-BKR	BTSx-BKR	BTH-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

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

The BTH-BKRCD works in vehicles with analog radios/CD changers. Newer vehicles with fiber optic digital systems (e.g., CR23/24, PCM2+) as seen in Fig. 16 are NOT supported.



Fig. 16

Frequent ask questions & Troubleshooting

1. **Do I require a working CD changer for the BTH-BKRCD to work?**
YES; CD changer is required and remain fully functional. At least one disc must remain in changer magazine.
2. **Does the BTH-BKRCD work on all Becker radios?**
NO; Works on Becker analog radios with analog radios/CD changers. Will not work in digital systems (e.g., PCM2+, CDR-23/24 etc.) – See **Fig. 16**
3. **Can I control Smartphone music from radio or media button?**
Radios buttons (except for volume and tone controls) do not apply, however the included remote control can be used to control media and phone calls.
4. **How do I listen to CD changer?**
If already in Bluetooth mode, press remote control **PAUSE/PLAY** otherwise Press CD or radio button combination used to access CD changer mode, then press **PAUSE/PLAY** on remote control. To return to streaming, press **PAUSE/PLAY** again.
5. **Will stereo mute when I receive or make a phone call?**
This system will not mute unless radio is in “AUX” (Bluetooth) mode. If calls are initiated or received while listening to AM/FM; the radio will not mute. User must switch to “AUX” (Bluetooth) Mode in order to hear caller on car speakers and if necessary, switch back to AM/FM once call has ended. If calls are initiated or received while streaming; playback is muted and resumes once call has ended.
6. **How do I pair a second phone with module?**
In order to pair a second device; verify no previously paired device is connected. Once module is free, it is ready to be paired.

Disclaimer

- This product has no affiliation with Porsche, Becker or Apple
- We're not liable for misuse of this product.

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