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Bluetooth®

For illustration purposes only

A2DIY-BKRCD

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

Created June 30, 2016
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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 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 working 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
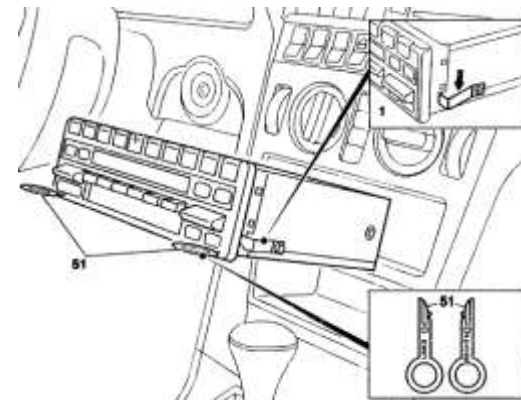
2. Slide tools into radio slots **(51)** with straight edge facing away. Withdraw radio by pulling outwards. With radio removed, press retaining spring to release keys. See **Fig. 2**.
   For detailed radio removal instructions, click here.
3. Disconnect BLUE plug from radio **C-3** chamber (See **Fig. 3**) (pinch blue tab to release)
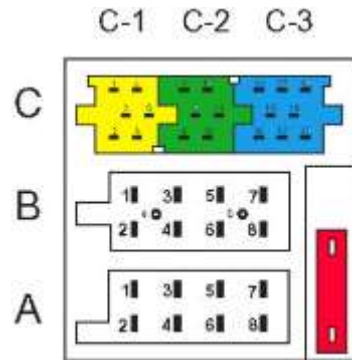
Fig. 3
Radio connectors

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

Fig. 4
audio harness

5. Connect BLUE plug from audio harness (See **Fig. 4**) to radio **C-3** chamber vacated in step 2.
6. Disconnect 8-pin plug from chamber **"A"** (See **Fig. 5**) and connect to power harness matting 8-pin connector (See **Fig. 6**)

Fig. 5

Fig. 6
Power harness

7. Connect power harness 8-pin plug (See **Fig. 6**) chamber **"A"** on radio vacated in step 6.
8. Secure visor microphone (See **Fig. 7**) to visor or headliner using included visor clip (See **Fig. 8**)

Fig. 7
Microphone

Fig. 8
Visor clip

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

Fig. 9

Be cautious not to damage or cut microphone cable.

Optional Fast charging USB port

With optional USB "Fast charging" kit –users are able to keep devices charged while on the road. Custom install in a convenient location and discover how this charger is a massive improvement over many anemic aftermarket cigar lighter chargers etc.

To add charging kit to order, tap option on order page or <u>here</u>

Optional USB port

Should you decide to install, we suggest one of 3 connecting options:
A. **Flush to dash/panel requires drilling a ¾" hole**
B. **Flush with support bracket** (Mount USB terminal wherever your installation demands <u>without drilling</u>)

A. Flush to dash or panel (drilling required)

1. Drill a ¾" hole in the dash or panel using a step drill bit or equivalent (See **Fig. 10**)

Fig. 10
Step drill bit

2. Insert supplied 3ft. USB male terminal (See **Fig. 11**) through hole created in step 1 and connect to install harness USB port (See **Fig. 12**)

Fig. 11
Flush mount 3 ft. USB cable

Fig. 12
Optional USB port

3. Snap USB extension cable head (See **Fig. 13**) in place and flush with mounting surface (See **Fig. 14**)

Fig. 13
USB head

Fig. 14
Flush mounted

4. Tuck and secure any extra wire from moving parts and test operation

B. Bracket mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of module and mount USB support bracket (See **Fig. 15**) to surface using adhesive/tape or screws (included).

Fig. 15
USB mounting bracket

2. Insert male terminal through hole in bracket (See **Fig. 16**) and connect to optional USB port (See **Fig. 12**)

Fig. 16

3. Snap USB head (See **Fig. 16**) to bracket until flush (See **Fig. 17**)

Fig. 17

4. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

Bluetooth media button

Pairing:

Open Smartphone/Tablet etc. settings screen and ensure Bluetooth is enabled. Press and hold remote pause/play button (See **Fig. 18**) until Blue LED flashes Scan smartphone for available devices and select **BT009** from list. (Blue LED turns off).
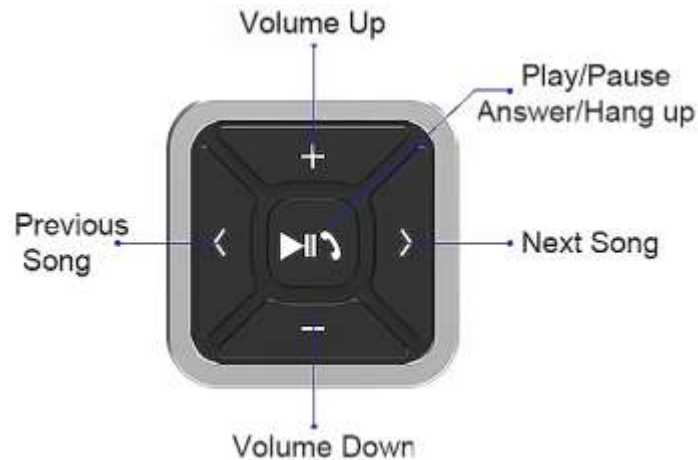

Fig. 18

Installation:

Attach button to steering wheel (includes holder) or dashboard using included double sided tape – your choice.

Operation:

Once paired with smartphone/tablet, users may perform the following functions on iOS with Bluetooth 3.0 and later and Android 4.0 or later.
Media button is NOT applicable to Becker radio functions.

Volume Up
Play/Pause
Answer/Hang up
Previous Song
Next Song
Volume Down

Charging:

Media button built-in rechargeable 200mAH battery may last up to 10 days. Use supplied USB cable to charge. Red LED indicates charging; A full charge is reached after 2 hours at which time LED turns off.

Pairing Module

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"
   LED inside module peephole will flash rapidly (pairing mode)
2. Open device (e.g., Smartphone) ***Bluetooth Settings***
3. Verify **Bluetooth** is "ON" otherwise enable it
4. Tap ***Scan or search for devices***.
5. Wait for Bluetooth device name (See **Fig. 19**) to appear and tap it. *Once paired confirmation tone is heard on car speakers*
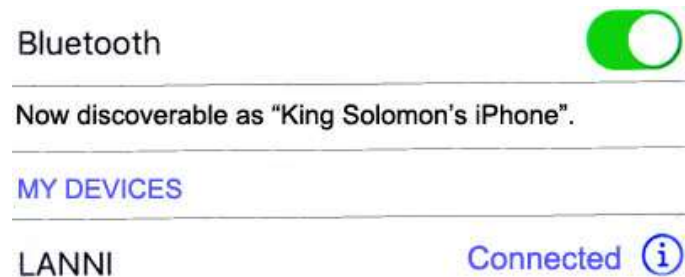

Bluetooth

Now discoverable as "King Solomon's iPhone".

MY DEVICES

LANNI   Connected (i)

Fig. 19

Noteworthy: Renaming Bluetooth device to something of your choosing is possible on most Android devices and may not be possible on newer iOS devices. Please consult device manual.

15. Tuck and secure any extra wire away from moving parts and test operation (***See Bluetooth Pairing and Connection***)

Warning: The radio cavity in most vehicles may lack extra room needed to fit aftermarket equipment and because of that you will have to be creative when fitting this part. Extra length cables are provided to allow for flexibility.

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 media button to change tracks, adjust device volume, pause etc.
5. Place phone call or ask someone to call. To end call press, **Pause/Play**
6. To listen to CD changer, press **Pause/Play**.
7. If correct operation is confirmed go ahead and reinstall radio.

Warning: Playlist and Track selection is *NOT* possible from C5 radio button. Use audio device built-in controls or optional wireless remote to access and control audio files and applications.

Notes:
1. If playback is too low or distorted, adjust volume on Bluetooth device.
2. On incoming calls, ring tone plays on car speakers
3. Bluetooth range is approximately 30 ft. make sure device is within range of receiver
4. At least one disc must remain in changer.
5. * Media button does not control CD changer functions. Use radio control buttons for music selection and control changer as customary
6. Streaming resumes after call ends, however; to resume CD playback, press **Pause/Play**

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!

The A2DIY-BKRCD works in vehicles with analog CD changers. Newer vehicles with fiber optic digital systems (e.g., CR23/24, PCM2+) as seen in Fig. 20 are NOT supported.

Digital Port

Fig. 20

Frequent ask questions & Troubleshooting

1. **Do I require a working CD changer for the A2DIY-BKRCD to work?**
   YES; CD changer is required and remain fully functional. At least one disc must remain in changer magazine.

2. **Does the A2DIY-BKRCD work on all Becker radios?**
   NO; Works on Becker analog radios with analog CD changers. Will not work in digital systems (e.g., PCM2+, CDR-23/24 etc.) – See **Fig. 2D**

3. **Can I control Smartphone music from radio or media button?**
   NO; you must use audio device built-in controls, voice commands or media button functions to operate device.

4. **How do I listen to CD changer?**
   If already in Bluetooth mode, press media button **pause/play** otherwise Press CD or radio button combination used to access CD changer mode, then **pause/play** on media button. To return to streaming, press media button **pause/play** again.

5. **Will stereo mute when I receive or make a phone call?**
   This system will not mute unless radio is in "CD changer" (Bluetooth) mode. If calls are initiated or received while listening to AM/FM; the radio will not mute. User must switch to "CD changer" (Bluetooth) Mode in order to hear caller and upon ending call must switch back to AM/FM (if desired)
   If calls are initiated or received while streaming; playback is muted and resumes once call ends.

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 pair.

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