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BECKER



A2D-BKRC

QUICK START MUSIC STREAMING MODULE INSTALLATION GUIDE FOR BECKER WITH ANALOG CD CHANGERS

Created October 1, 2015
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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

CD CHANGER IN TRUNK OR HATCH

Introduction

Many Becker radios lack AUX menu option which means they are not able to support an auxiliary connection; however, if vehicle has a CD changer, the A2D-BKRCD is the ticket to add music streaming without sacrificing the original radio or changer. With the A2D-BKRCD installed, **music streaming** from smartphone, tablet, kindle etc. is possible while also retaining use of required CD changer. Keep in mind for the A2D-BKRCD module to work, vehicle must have a **Becker radio and CD changer such as the CDC-3 (BE2660), BE7860 etc. which remains connected and operational.**

Digital CD changers such as the CDC-4 and others from later models do not apply.

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

Installation

Warning: We recommend disconnecting car battery. But before anything locate and record the radio safe code. Don't disconnect battery if radio code is not available, otherwise radio will cease to operate

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



Fig. 1
Radio removal Tools

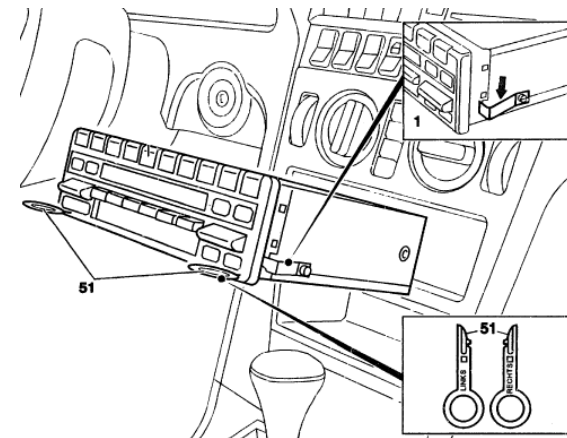


Fig. 2

2. Slide tools into slots (**51**) on radio. (Straight edge facing away). Withdraw radio by pulling outwards. To release keys simply press retaining springs. See **Fig. 2**. For detailed radio removal click [here](#).

3. With radio removed press release tab on **BLUE** plug (See Fig. 4) and disconnect from chamber (**C-3**) (See Fig. 3)

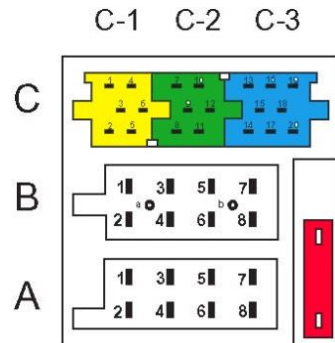


Fig. 3
Radio chamber

Warning: Chamber **C-1** is reserved for vehicles amplifier. **YELLOW** plug (if present), **remains connected.**

4. Connect **BLUE** plug from installation harness (See Fig. 4) into chamber **C-3** vacated in step 3



Fig. 4
8-pin plug



Fig. 4b
installation harness

5. Connect **BLUE** plug removed from radio in step 3 to mating **BLACK** connector on installation harness (Fig. 4b)

Warning: Becker radios are coded and will not operate without code. Do not proceed to step 6 if radio code is not available.

6. Disconnect factory 8-pin **BLACK** plug from radio (See Fig. 5)

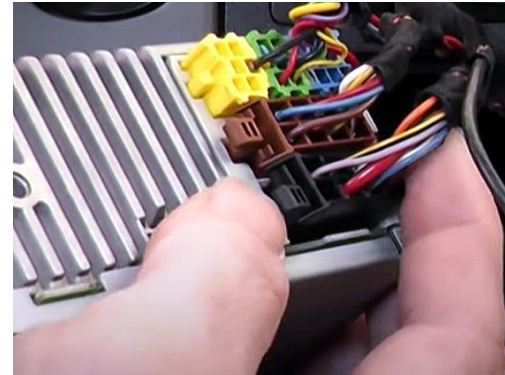


Fig. 5

7. Connect factory 8-pin **BLACK** plug to power harness matting 8-pin connector (See Fig. 6)
8. Connect power harness 8-pin **BLACK** plug to radio chamber vacated in step 6



Fig. 6
power harness

9. Test for engine noise. If present a [noise filter](#) (not included) may be required.

Warning: Unlike other European vehicles, BMW and Mercedes power/speaker plug is molded together (See Fig. 7) which means the standard power harness (See Fig. 6) does not apply. For these applications we are including harness seen in Fig.8. To install, follow steps 6-10 taking into account chambers **Block A (BLACK)** and **block B (BROWN)** are molded together (solid **BLACK**)



solid 16-pin power/speaker plug

Fig. 7



Fig. 8



Fig. 9

BMW traffic pro with solid 20-pin ISO plug requires our [PXHAD3](#) adapter harness (sold separately)

10. Secure adapter box and proceed to next section.

Pairing

Pairing process varies among phones 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"
Green LED through 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 to appear (See Fig. 10) and select from list. *Once paired Green LED will glow steady.*

Bluetooth



Now discoverable as "King Solomon's iPhone".

MY DEVICES

DAC305

Connected ⓘ

Fig. 10

Notes: Supports multiple phones but connect to one phone at a time. It may be possible to change above Bluetooth name on older devices.

Operation

1. Turn ignition and radio "ON"
2. Press CD or button combination to enter CD changer mode
(At least 1 disc must be loaded and remain in changer magazine)
3. Set Smartphone or tablet initial volume level to 75% and launch streaming application
4. Use radio volume control button to set playback level. If distorted, lower volume audio device volume accordingly.

Warning: Playlist, Track selection, text display is **NOT** possible from radio. Use audio device built-in controls and display or purchase optional remote control

Listen to CD changer:

- a. Press radio's "CD" button or button combination to access CD changer playback
- b. **Disable Bluetooth on audio device (e.g., smartphone)**
CD playback is enabled. Control changer from radio buttons as customary.
To resume streaming:
Enable Bluetooth on audio device and enable streaming app.

Note: Music streaming has priority for as long as audio device is paired. CD changer playback is only possible if audio device is not paired or out of range (approx. 30 ft.)

5. If operation is confirmed, reinstall radio

Optional remote

Optional 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

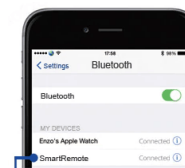
Pairing:



Press and hold for 3 sec. to enter pairing mode



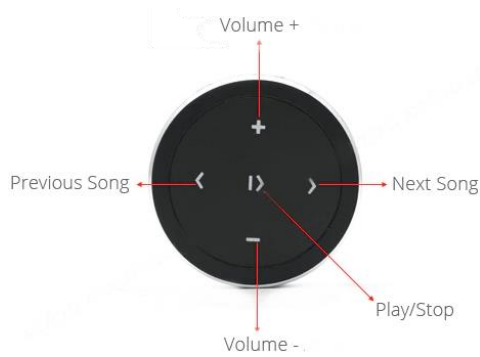
Blue LED will start flashing



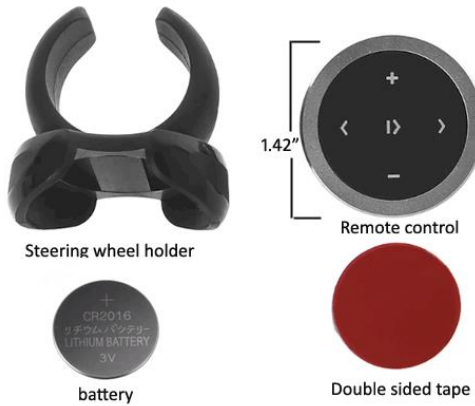
Select smart remote to pair

Operation:

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



Contents:



Optional Noise Filter (NF3A) installation

Noise filter connects to installation harness black plug. **(NO need to cut factory wires)**

Filter installs between black plug (to radio) and module

- If present, remove black tape from power harness (See Fig. 11)
 - As illustrated in Fig. 11, cut BLACK/RED wires leading to module
 - Mate Filter IN (input) wires with plug side wires
 - Mate Filter OUT (output) wires to wires leading to module
- Filter is now "filtering" noise between car supply and module.

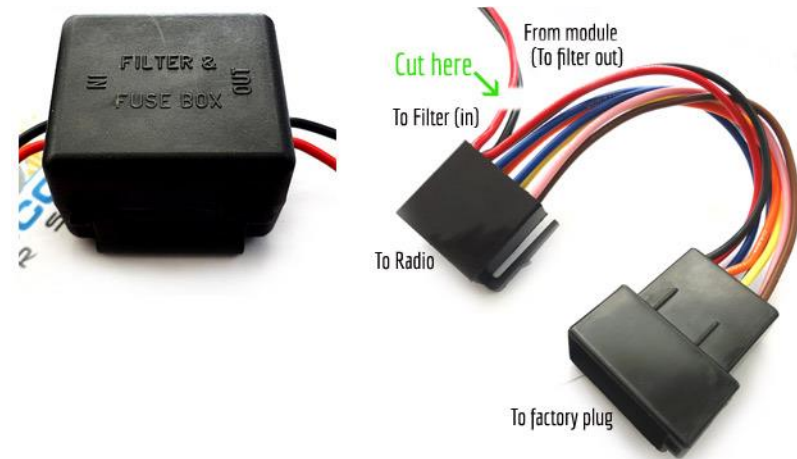


Fig. 11

Frequent ask questions & Troubleshooting

1. **My 1999 Mercedes Benz has an Alpine radio and CD changer. Will I be able to install the A2D-BKRCO?**
NO; 1999+ Mercedes Audio 10, 20, 30, 50 are digital (not analog) radios and not compatible. (See our [BT-BKR223 kit](#)). The A2D-BKRCO works on Mercedes **Becker radio** (e.g., BE4602 etc.) with functioning CD changer. (See [Fig. 11](#))



Fig. 11

2. **Will the A2D-BKRCO work on Mercedes BE1492, BE1692, BE2210, BE1350), Alpine (CM2296 and CM2396) radios?**
NO; these are [Alpine derived radios](#) (non-BECKER) and requires our [A2D-MBCO](#)
3. **Does the A2D-BKRCO work on all Becker radios?**
NO; the A2D-BKRCO works on Becker radios with analog CD changers. Perfect for Becker **CR-210, CDR-210, and others with CD changer but also other Becker radio/CD changer combination (e.g., CDR-220 etc.)** BMW Traffic Pro radios with solid 20-pin plug ISO plug requires our [PXHAD3](#) harness (sold separately) See [Fig. 12](#)



Fig. 12

4. **Can I control my Smartphone music from radio buttons?**
NO; **you must continue to use device built-in controls and display.**
5. **Can I pair or save more than one device to the A2D-BKRCO?**
YES; more than one device (slaves) can be paired however only one connection can be active at a time.
6. **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 lines.
7. **Can I use this adapter to make phone calls?**
NO; music streaming only. Purchase our [BKRCO-HF](#) or [A2DIY-BKRCO](#) for hands-free and music streaming

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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