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## IL-BKR

### QUICK START IOS LIGHTNING ADAPTER INSTALLATION GUIDE FOR BECKER AUX READY RADIOS

Created: June 9, 2013  
Revised: January 18, 2023

## 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 RADIO WITH AUX INPUT OPTION

## Introduction

In 2012 Apple released a new generation of products and with them a new Lightning plug, and if your vehicle is equipped with an older iPod adapter it will also need updating. The IL-BKR will **play and charge** any Apple Lightning device including the iPhone XR, iPad Pro etc. without sacrificing the look and feel of the dashboard components. Installing this adapter requires sacrificing the CD changer (if present), but with the storage capacity of Apple lightning devices, sacrificing the CD Changer should be an easy decision.

An optional remote control is available to operate lightning device while keeping eyes on the road.

See **Frequent ask questions** at the end of this guide for details.

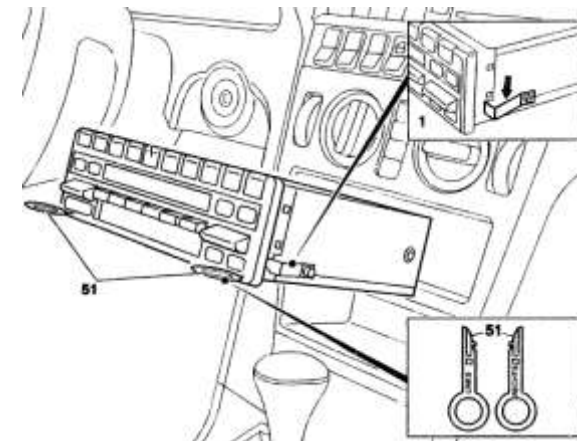
## Installation

**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**) is 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**.  
**Click [here](#) for detailed radio removal instructions.**
3. If vehicle has optional CD Changer, it must be disconnected.  
**BLUE and GREEN iso plugs must be disconnected** (See **Fig. 3**)



**Fig. 3**

Becker radio chamber

4. Connect blue plug from IL-BKR harness (See **Fig. 4**) to chamber C-3 on radio (See **Fig. 3**)



**Fig. 4**

iso plug & lightning plug

**Warning:** Cascade BE6111, BE6112 radios with Bluetooth and Ferrari with factory with Bluetooth and/or digital cluster display requires an additional harness (See **Fig. 6**) to retain these features.

Ferrari with digital cluster (See **Fig. 5**) and/or factory hands-free requires an additional harness. Our **ISO8-HAR T-harness** (See **Fig. 6**) sold separately. If vehicle has these radios and features, we highly recommended purchasing the ISO8-HAR along with adapter (IL-BKR), otherwise you will be required to modify the plug yourselves.

**Vehicles without these options do not require the T-harness.**



**Fig. 5**



**Fig. 6**

5. Disconnect 8-pin **BLACK** plug from radio (See **Fig. 3**) and connect to mating 8-pin connector on power harness (See **Fig. 7**)
6. Connect 8-pin **BLACK** plug from power harness to radio port vacated in step 5
7. **Proceed to step 10**



Fig. 7  
Power harness

### BMW and Mercedes with solid 16-pin plug:

**Warning:** BMW and Mercedes power/speaker is a solid 16-pin plug. The default power harness (See Fig. 7) will not work in these vehicles. Power harness seen in Fig. 8 is included for these applications

8. Disconnect factory solid 16-pin plug from radio (See Fig. 3) and connect to mating 16-pin connector on power/speaker harness (See Fig. 8)
9. Connect 8-pin **BLACK** and **BROWN** plugs from power/speaker harness to radio chambers vacated in step 8. Both plugs are "key" so that BLACK plug fits lower chamber.



Fig. 8

10. Run Lightning plug (See Fig. 9) to desired location on dashboard, glove box, console etc. within 3 ft. of radio. Use caution not to cut, pinch or crimp cable during this step.



Fig. 9

11. Install plug and cable in a location away from heat, humidity, moving parts, or sharp metal objects.  
**Damage to lightning plug may occur if subject to abuse.**

## Operation

One of the most important steps in this process is **enabling the AUX function within Becker radio menu**. Most Becker radios are pre-programmed to recognize a CD Changer connection and because of that you must change the setting from "CD Changer" to "AUX" otherwise this adapter will not perform as intended. This process is done upon initial install and will not have to be repeated unless power is removed from radio for some time.

### Enabling the AUX function



### 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 "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 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
5. Turn Radio back "ON" Press "☀" 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.

Alternate method:

1. Press the "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. Press the Tone button to exit the menu.
4. To enter "AUX" mode, press the "CD" button and select the "AUX" soft-keys

## Sound 5 (BE7077 Sprinter Van etc.)



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 (i.e., BE7941, BE6111, BE6112 etc.)



### To activate the External Device mode

1. Turn radio ON.
2. Press the information button (CID)
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

## Operation

1. Turn ignition and radio "ON"  
**Note:** Some radios operate without key; however, in order for the IL-BKR to work, the key must be turned to "ACC" or "ON" positions. In these positions the IL-BKR will charge and play.
2. Connect Apple iPod, iPad or iPhone to Lightning plug
3. Apple device will begin charging, otherwise **see note above**.
4. Press required button on radio to enter AUX Mode. If radio does not enter AUX mode go to section "**Enabling the AUX function**" above.
5. Select a test track on Apple device.

**Warning:** Playlist and Track selection is **\*NOT\*** possible from the radio. You must use the iPod built-in controls to access music files

6. Test track will play on car speakers
7. Use Becker radio volume control to adjust playback level
8. If successful go ahead and reinstall the radio

**Note:** Removal tools not required to re-install radio. Simply align radio with opening and push back until it locks in place.



## Optional smart remote

This wireless remote would let you pause, play, adjust volume, or otherwise control your media from farther away than arm's reach. Use at home to control Bluetooth device from up to 30 ft.

1. Keep audio device in pocket, glovebox, purse or elsewhere
2. To track up/down within playlist etc.
3. To adjust audio device volume (up/down)

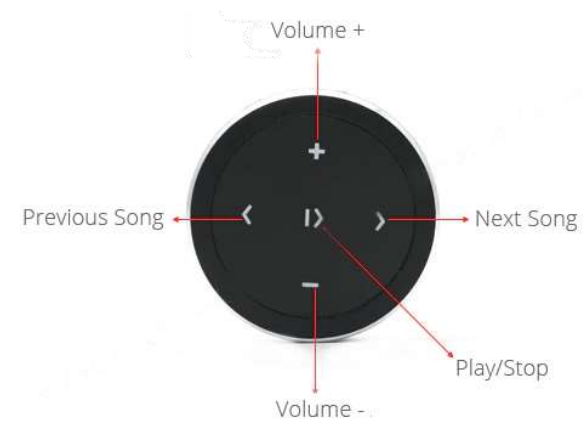
### Pairing:



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.



### Package contents:





## Frequent asked questions & troubleshooting

- 1. Why is your adapter better than what others are offering?**  
Our cable has a single 8-pin Lightning plug that works as intended (Audio and charging) and will not damage your device. In addition, we include a plug-n-play power harness.
- 2. My vehicle has a CD Changer. Will the IL-BKR work?**  
**YES;** but CD changer must be disconnected.
- 3. I've installed everything but my Phone does not charge and audio plays on Phone speaker. Is the unit defective?**  
For Apple lighting devices to play or charge, power must be applied to the module. Please review steps 5-6 on page 3. Also ensure ignition is "ON" and lastly, if adapter has a fuse holder, check that fuse has not blown. If ALL checks out, please [contact us](#) for help.
- 4. Why do I need to purchase the ISO8-HAR Harness?**  
Cascade BEG111, BEG112 and others with factory Bluetooth hands-free and/or Ferrari cluster display requires this harness. Without the [ISO8-HAR](#), Ferrari cluster display seen in **Fig. 5** or Bluetooth hands-free will cease to work. Purchase the ISO-HAR along with the IL-BKR and our technicians will incorporate into the IL-BKR harness prior to shipping, otherwise you will have to mate yourself (special pin removal tool required) or mail back to us for the free service.  
**Vehicles without factory Bluetooth hands-free and/or cluster display do not require the ISO8-HAR harness.**
- 5. Does the IL-BKR work on all Becker radios?**  
**NO;** the IL-BKR works on any Becker radio that has "**AUX**" **input setting within menu.** Becker radios without AUX menu option (e.g., CR-210, CDR-210, PCM and others), are not compatible with the IL-BKR. See our [A2DMP-BKR](#)
- 6. Do you offer an adapter that works on Becker radios without "AUX" menu capabilities?**  
**YES;** See our [A2DMP-BKR](#)
- 7. Can I control Apple device from the radio buttons?**  
**NO;** you must continue to use Apple built-in controls and display to operate the device or purchase optional wireless remote control.

- 8. I want to be able to charge my phone when the ignition if off. Is this possible?**  
**YES;** Cut red wire from IL-BKR harness and connect/splice to yellow wire at pin4.
- 9. Where is the model number located on Becker radios?**  
Locate sticker on side of the radio. Radio removal required to see sticker.
- 10. Does the IL-BKR drain car battery?**  
Power to the IL-BKR is controlled by the ignition switch. When ignition is turned "OFF" and power is removed from radio, it is also removed from the IL-BKR which eliminates any possible current drain issue. It is also true the IL-BKR does not draw battery power unless IOS device is connected to Lightning plug.

### Disclaimer

- This product has no affiliation with BMW, Porsche, Ferrari, Mercedes, Land Rover, Becker or Apple
- We're not liable for misuse of this product.
- We recommend professional installation.

For help email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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