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## BTH-C5

### QUICK START INSTALLATION GUIDE TO SELECT 1997-04 CORVETTE **WITH 12-DISC 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.

Click [here](#) if installing older push button version

## Requirement

Fully functioning 12-disc changer in trunk/hatch

## Introduction: Updated version

If looking to add Bluetooth features to your American classic **with luggage compartment mounted 12-disc changer** you should consider the BTH-C5 kit (formerly A2DIY-C5CD) kit. This revised easy to install kit is essential for Bluetooth in any C5 with fully functioning CD changer. (**Will not work if changer malfunctions**). This module sounds great for mobile conversations, streaming Pandora, SiriusXM radio, Apple music, audiobook, Navigation, podcast and more. The included remote can be mounted on dashboard or steering wheel to adjust volume, track selection, switching and more. In addition to Bluetooth, this revised module has a built-in USB (5V/2.1A) port sure to keep those power-hungry devices charged while on the road. Thanks to the BTH-C5 module users **keep the radio and CD changer** while enjoying Bluetooth features only available on newer cars.

**Warning:** A functioning 12-disc changer required for this module to work. Disc will continuously spin while in Bluetooth mode.  
If changer is missing or malfunctions; this module will NOT work.

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

## Installation (Connects behind the dash)

Remove radio from dash to gain access to connectors. *Click link below*

<https://www.youtube.com/watch?v=WTbWYNJTSDs>

1. Locate and disconnect factory 20-pin plug from radio as seen in **Fig. 1**



Fig. 1

2. Connect radio 20-pin plug (from step 1) to installation harness 20-pin socket (white) See **Fig. 2**

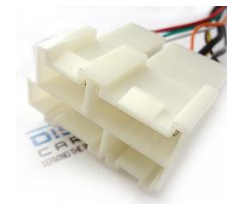


Fig. 2

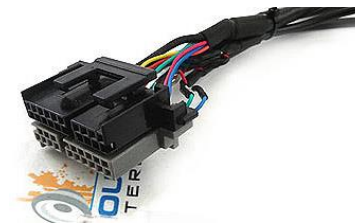


Fig. 3

3. Connect installation harness 20-pin plug (black/gray) (See **Fig. 3**) to radio 20-pin socket vacated in step 1 (See **Fig. 1**)



The 12-disc changer (pictured above) is required and must be fully operational (able to play CD's)

## Playback options:

### Warning: Regardless of playback option selected:

1. A fully functioning 12-disc changer is required. (please check yours)
2. 12-disc CD changer must remain connected
3. CD changer magazine must have at least one "Disc" which will spin continuously (even when in Bluetooth mode).

These playback options are available and must be selected at checkout:

1. Retain changer playback (**default**) Go to installation step 4.
2. Auxiliary input (**instead of changer playback**)

### 1. Retain CD changer playback:

This option allows retention (use) of the 12-disc changer in trunk or hatch CD changer must be fully functional. **Proceed to step 4**

### 2. AUX input (**instead of CD (changer) playback**):

This option provides a 3.5mm jack allowing users to connect and play portable audio devices (e.g., sat radio, iPod, Mp3 player etc.) **forfeiting 12-disc changer playback**. For this option to work, the **required CD changer must be in working order, but CD playback will no longer be possible and instead; AUX device will take its place**. Meaning the CD changer remains connected but will no longer play and at least one disc must remain in CD changer magazine.

- a. To install, simply connect included 3.5mm audio cable (See Fig. 4) to "AUX" jack (See Fig. 5)
- b. As an alternate; custom install the AUX jack (See Fig. 5) to dashboard or panel by drilling a ¼" hole in dash or panel.

- c. Connect the other end of audio cable plug to the audio device.
- d. **Proceed to installation step 4.**



Fig. 4



Fig. 5

4. Install microphone to headliner, sun visor etc.; (See Fig. 6)
  5. Route cable down pillar, under dashboard and into radio cavity.
  6. Connect microphone plug to module "MIC" jack. (See Fig. 7)
- Wind noise (Convertibles) will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.

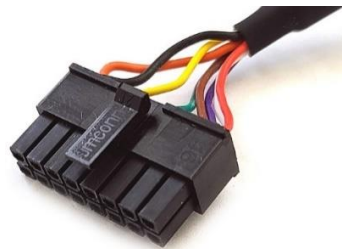


Fig. 6



**Fig. 7**  
Module

7. Connect installation harness 16-pin plug (See **Fig. 8**) to module 16-pin socket (See **Fig. 9**)



**Fig. 8**



**Fig. 9**

## Optional USB extension cable installation

**Note:** 1. Optional USB dash mount extension cable (**Fig. 12**) is not required for operation, however it extends the module built-in USB port (See **Fig. 12**) to dashboard, glovebox etc.

2. The USB port supports software updates and charging only

1. Drill a  $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See **Fig. 10**)  
As an alternate; use the included bracket (See **Fig. 15**) to mount USB without drilling.



**Fig. 10**

2. Fish USB cable terminal (See **Fig. 11**) through hole created in step 1 and plug into USB port on module (See **Fig. 12**)



**Fig. 12**  
USB cable



Fig. 12

3. Snap header (See Fig. 13) to surface until flush (See Fig.14)



Fig. 13



Fig. 14



Fig. 15

Tuck and secure any extra wires from moving parts and proceed to next step

## Bluetooth pairing and connection

This process must be carried out upon initial install after which the BTH-C5 will automatically reconnect with paired phone upon entering vehicle.

1. Turn ignition and radio "ON"
2. From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See Fig. 16)
4. Confirmation "tone" is heard on car speakers.
5. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.  
Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000"

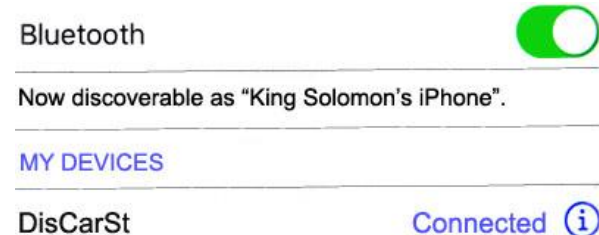


Fig. 16

**Note:** Supports multiple phone pairings but connects to one phone at a time. If for some reason phone fails to pair, ensure no other has paired to module in such case you must unpair that device in order to pair another.

**Warning:** Caller ID, song text is **not shown on radio screen**. Operate Bluetooth device via remote control or device built-in controls. Use radio buttons to adjust playback level and tone controls (e.g., Bass/treble etc.)

## Bluetooth operation

1. Turn ignition and radio "ON"
2. **Ensure there is at least one "DISC" in CD changer magazine**
3. Press "AUX" button on radio.
4. Launch streaming application on audio device
5. Launch audio device streaming application.
6. Set smartphone volume to zero
7. Turn radio volume up 75% (3/4)
8. Increase volume on smart device until audio begins to distort, then decrease slightly until distortion free.
9. Use included wireless remote or device built-in controls to change tracks, adjust device volume, play/pause etc. (See Fig. 15)



Fig. 16

9. To switch over to the CD changer or AUX press **Pause/Play** button.
10. To switch back to streaming, press **Pause/Play** button.
11. Place test call or ask someone to call.
12. To accept, tap "SEEK DOWN" on remote control (See Fig. 15)
13. To reject, tap "SEEK UP" on remote control (See Fig. 15)
14. Use radio volume knob or remote control +/- to adjust phone call playback level. Use tapping action to adjust volume from remote.
15. Note: Some smartphones include settings for call volume. Please ensure this setting is not turned "OFF".

## Feature comparison

For a complete feature comparison chart, click [here](#).

The following chart illustrates the requirements and features offered by our exclusive C5 Bluetooth modules.

**FYI:** Our Bluetooth kits are defined as music streaming and/or hands-free. Bluetooth music streaming modules **do not support hands-free calls**, but our hands-free kits include music streaming.

Features/Requirements	BTA-C5	BT3-C5	BLU-C5	BTH-C5
Retains changer playback <sup>2</sup>	YES	NO	NO	YES*
Requires CD changer <sup>2</sup>	YES	NO	NO	YES
Audio input jack (Aux in)	NO	NO	NO	*
USB charging port	Built-in	Built-in	Built-in	Built-in
Hands-free calls	NO	YES	NO	YES
Audio streaming	YES	YES	YES	YES
Installs behind the dash	YES	YES	YES	YES
Installs in trunk/hatch	YES	NO	YES	NO
Wireless remote control	YES	NO	NO	YES
Controls from radio	NO	YES	YES	NO

\*Optional: Aux input or CD changer playback retention

Op=optional

<sup>2</sup> CD changer must be fully functional (able to play CD's)

## Frequently asked questions & troubleshooting

- 1. What is the difference between the BTA-C5 and BTH-C5?**  
The BTA-C5 supports streaming and the BTH-C5 supports streaming and hands-free calls.
- 2. Does the BTH-C5 work on all C5 radios?**  
Works in 1997-04 C5 with Theftlock AM/FM/CD or AM/FM/TAPE with **fully functioning I2-disc changer in trunk/hatch. (Does not work if changer malfunctions in any way)- Please check changer operation prior to ordering.**
- 3. Will radio display call number or song name?**  
**NO.** These features are not possible on C5 radios.
- 4. Is it possible to control smartphone music from radio buttons?**  
**NO; Use smartphone or audio device built-in controls, remote control or voice commands.** Use radio volume button to set playback level.
- 5. I selected the option to retain CD changer playback but how do I listen to CD's?**  
Press **"AUX"** button on radio to enter Bluetooth mode (if not already), then **press Pause/Play button on remote control.**
- 6. Will radio mute when call is made and/or received?**  
Muting is only possible when radio is in "AUX/Bluetooth mode. If in AM/FM mode; radio will not mute. Radio must be switched to "AUX" to hear callers voice on car speakers.
- 7. My second phone does not pair or find Bluetooth module. Why not?**  
Ensure **no other** phone is paired. Allow module to enter **"discovery"** mode at which point it is ready for pairing.
- 8. Will I be able to connect a flash drive to USB charging port?**  
**NO; USB port does not support thumb/flash drives. Charge only.**
- 9. Will radio CD player or Tape player work after installing this module?**  
**YES!** The CD player or Tape player built-into AM/FM radio or remote I2-disc changer operation is not affected by this module.
- 10. Callers not able to hear my voice with top down (convertible). Can you offer some guidance?**  
In convertibles, microphone mounted to visor is exposed to wind noise. Notable, callers will have no issue while vehicle is standing still. Our microphone includes noise cancellation features, which is different than wind noise and our recommendation is to install microphone in an area less susceptible to wind noise (e.g., pillar, mirror etc.).

- 11. How do I remove radio from dashboard to install module?**  
The BTH-C5 connects to the radio. Click link for video instructions: <https://www.youtube.com/watch?v=WTbWYNJTSDs>
- 13. Will disc in CD changer continuously spin when radio is in AUX or Bluetooth mode?**  
**YES.** There is no pause or stop button on radio so the disc will begin spinning as soon as "AUX" button is pressed.

### Disclaimer

- This product has no affiliation with GM or Apple
- When possible, professional installation is recommended

Email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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