

Newest version (11/19/20)



C5-HF

QUICK START BLUETOOTH INSTALLATION GUIDE FOR SELECT 1997-04 CORVETTE WITHOUT 12-DISC CHANGER

Created Febua 19, 2013
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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.

Requirements:

OEM RADIO WITH TAPE AUX OR CD AUX BUTTON

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 C5-HF kit is compatible with virtually all Bluetooth phones, and sounds great for mobile conversations, streaming music or AUX device. In addition, a USB "Fast charging" port is included to keep devices charged while on the road. A push button with built-in microphone conveniently installed on the dash is used to launch Voice recognition applications (Siri, Google Now, Assistant etc.), initiate/end phone calls, launch applications and more.

Note: This kit works in C5 without 12-disc changer (or if changer malfunctions) Vehicles with functional 12-disc changers (or to retain CD changer playback); purchase our [C5CD-HF](#) or [A2DIY-C5CD](#) instead.

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

Installation

To install this kit, the factory radio must be removed to gain access to the radio connector (*See FAQ section and the end of this guide for details*) or click the following link:

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

1. Press release tab on 20-pin plug to disconnect from radio (See **Fig. 1**)



Fig. 1

Radio 20-pin connector



Warning: 32-pin connector (pictured above) is vehicle's climate control module and not relevant for this install.

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



Fig. 2
installation harness

3. Connect installation harness 20-pin plug (black/gray) (See Fig. 2) to radio 20-pin connector vacated in step 1
4. Connect included 3.5mm male-male cable (See Fig. 3) to "AUX" input jack on module (See Fig. 4), Other end connects to AUX device (within 3 ft.)



Fig. 3



Fig. 4

5. Connect installation harness 22-pin plug (See Fig. 2) to module 22-pin connector (See Fig. 5)
6. Connect push button with built-in microphone (See Fig. 6) to module (MIC/CTR) input jack (See Fig. 4)



Fig. 5



Fig. 6
push button/Microphone

7. Consider install location for push button/microphone. Push button must be within reach and facing driver for voice commands and phone dialog (cable is 6ft. long). **We recommend completing the rest of the install prior to securing push button/mic to dashboard.** When ready to install simply remove tape backing and secure to surface



Fig. 7

Custom installed next to traction button

Ensure no ventilation duct is pointed towards the mic.
It is best to mount button facing driver

USB port installation

An updated "SMART" USB charging port has been added to module which charges based on device current demands and used for charging only. (Not for thumb drives etc.)

- A. Flush to dash/panel requires drilling a 3/4" hole in the dash**
- B. Flush with Support bracket** (use this option to mount USB terminal wherever your installation demands without drilling)

A. Flush to Dash or Panel (drilling required)

1. Drill a 3/4" hole in the dash or panel using a step drill bit or equivalent (See Fig. 10)



Fig. 10
Step drill bit

2. Insert the 3ft. USB cable male terminal (See Fig. 11) through the 3/4" hole created in step 1 and plug into USB port on Module (See Fig. 11)



Fig. 11
Flush mount 3 ft. USB cable



Fig. 12
Module USB port

3. Push USB (See **Fig. 13**) until it snaps in place and flush with mounting surface (See **Fig. 14**)



Fig. 13
Flush mount USB Terminal



Fig. 14
Flush mounted to dash

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

B. USB with Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of radio and mount USB support bracket (See **Fig. 15**) to surface with screws.



Fig. 15
USB mounting bracket

2. Insert USB male terminal through hole in bracket (See **Fig. 16**) and connect to USB port on Module (See **Fig. 4**)



Fig. 16

3. Push USB head until it snaps in place and flush (See **Fig. 17**)



Fig. 17

4. Secure USB to dash with screws (included) or adhesive.
5. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

Pairing

This process is required the first time you use the C5-HF. After initial pairing, the C5-HF automatically reconnects with paired phone upon entering vehicle.

1. Turn ignition to "ACC" or "ON" position
2. Turn radio "ON"
3. Access Smartphone Bluetooth menu settings, and search (scan) for devices.
4. Select device name (See **Fig. 19**) and tap "Connect"

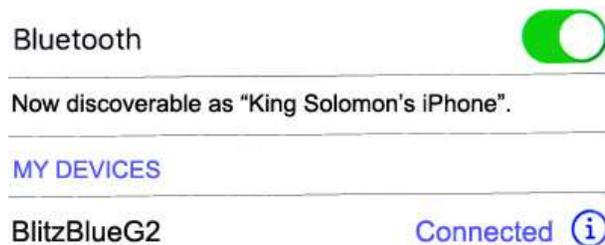


Fig. 19

Note: Supports multiple phones but connects to only one phone at a time.

Warning: C5 radio does not display text or caller ID number. Operate Bluetooth device by pressing push button or Voice Recognition application. Use factory radio volume knob to control playback level.

Bluetooth operation

1. Press "AUX" button on radio to enter Bluetooth Mode.
2. Use radio volume knob to set playback level

Music Commands

Push button must be used for the following music commands:

To	Proceed this way
Pause a Song	Press and release button
Resume Play	Press and release button
Skip to next song	Press button twice
Skip to Previous Song	Press button 3 times
Activate AUX Playback*	Press button 4 times
Activate Voice Control	Press/hold button for 2 seconds
Switch out of XM Mode	Press and release button

Phone Commands

Push button must be used for the following phone commands:

To	Proceed this way
Answer call	Press and release button
End call	Press and release button
Reject incoming call	Press button twice (send call to Voice Mail)
Cancel outgoing call	Press button twice
Activate Voice Control	Press/hold button for 2 seconds

Notes:

1. **To reset module, press and hold push button for 5 seconds**
2. On incoming calls, ring tone plays on car speakers (radio in AUX mode)
3. Bluetooth range is approximately 30 ft.
4. Voice command compatible with Apple (Siri), Android (Google Now), Blackberry (Assistant)
5. * push button does not control radio, CD, or aux functions.

If successful, proceed to reinstalling radio.

Feature comparison

Bluetooth profiles; namely Hands-free calling (See Table 1) and music streaming (A2DP). Music streaming kits (See Table2)

Table 1

Modules	A2DIY-C5CD	C5CD-HF	A2DIY-C5	C5-HF
Retains changer playback	YES	YES*	NO	NO
Requires working CD changer	YES	YES	NO	NO
Audio input jack (Aux in)	YES*	*	YES	YES
USB charging port	YES*	YES	YES*	YES
Hands-free calling (HPF)	YES	YES	YES	YES
Music Streaming (A2DP)	YES	YES	YES	YES
Connects behind radio	YES	YES	YES	YES
Connects in trunk/hatch	NO	NO	NO	NO
Voice recognition support	YES	YES	YES	YES
Remote control	YES	\$	YES	\$
Controls from radio buttons	NO	NO	NO	NO

Table 2

Modules	A2D-C5	BLU-C5
Retains changer playback	YES	NO
Requires working CD changer	YES	NO
Audio input jack (Aux in)	NO	NO
USB charging port	Optional	Optional
Hands-free calling (HPF)	NO	NO
Music Streaming (A2DP)	YES	YES
Connects behind radio	YES	YES
Connects in trunk/hatch	YES	NO
VR support (e.g., Siri)	YES**	YES**
Wireless remote control	Optional	Optional
Controls from radio buttons	NO	NO

*Optional (Select from product order page)

** Voice recognition possible with optional remote

\$ Optional [BLU-MB](#) media button

Frequent ask questions & troubleshooting

- What's the difference between the C5-HF and C5CD-HF?**
 The only difference is the **I2-disc changer requirement**. The **C5CD-HF requires a functioning I2-disc changer and the C5-HF does not**. The **C5-HF also works in vehicles with I2-disc changer but it must be disconnected**.
- My C5 has a functioning I2-disc changer. Will the C5-HF work?**
 I2-disc changer (if present) must be **disconnected**. Purchase our [A2DIY-C5CD](#) or [C5CD-HF](#) to retain I2-disc changer operation.
- Why is it necessary to run I2V Acc. wire to fuse panel?**
 Modules purchased after 8/31 no longer require this step.
- Can I control Smartphone music selection etc. from radio buttons?**
NO; you must use Smartphone built-in controls, push button and/or voice commands to operate device. Radio volume knob is used to set playback level.
- Does radio display song, track or caller name/number?**
NO; this is not possible on the C5 radio.
- How to I reset Bluetooth module?**
 Press and hold push button for 5 seconds.
- I connected a satellite radio kit to module "AUX" input jack, but unable to hear it. Please help**
 Press AUX button on radio to enter Bluetooth mode, then **press push button 4 times**. At this point XM should play. To return to music stream press and release push button.
- Where is the best place to install push button/microphone?**
 Having push button/mic mounted higher on the dash works best, but users can experiment with different location and decide.
- Will radio mute when I receive or make a phone call?**
 Muting is possible only if radio is in "AUX" (Bluetooth) mode. If in AM/FM or CD/Tape mode, muting is not possible. To be connected with caller, press AUX button on radio and single press push button
- My second phone does not pair or find module?**
 In order to pair phone make sure no other phones are connected. Once Bluetooth is turned off, the module will be ready for pairing.

11. **Will I be able to connect flash drive etc. to the USB port?**

NO. USB port is for charging only.

12. **How to remove radio from dashboard**

1. Pry out on the ride control switch and disconnect the wiring.
2. Unsnap the switch trim and remove (2) 10mm hex-head bolts exposed.
3. Open the center console door, remove (4) screws from the inner hinge and remove the door.
4. Open the ashtray and remove (1) screw exposed.
5. Remove the ashtray and (1) screw exposed.
6. Unclip the small grill to the left of the ignition switch and remove (1) screw exposed. Unclip the base of the radio trim bezel and remove or copy and paste link below into browser:

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

12. **I have installed the kit as directed, but radio does not enter AUX mode. What could be wrong?**

We recommend resetting system as follows:

1. Disconnect car battery or 20-pin plug from radio (See **Fig. 1**)
2. After 10-15 minutes reconnect car battery or radio's 20-pin plug (whichever was initially disconnected)
3. Press AUX button on radio and if all went well radio should now enter AUX mode.

Disclaimer

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

Email support@discountcarstereo.com

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