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# BLU-C5 (v2.24)

## STREAMING MODULE INSTALL GUIDE FOR 1997-04 CORVETTE

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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

1997-04 CORVETTE WITH ORIGINAL RADIO

## Introduction

The BLU-C5 module (V 2.24), adds music streaming capabilities to C5 Theftlock CD or Tape radios (Bose or non-Bose). User opt to install module behind radio cavity using the PXHGM4 harness OR to the 10-pin CD plug in trunk/hatch using the PXHGM2 harness. Irrespective of install location, the factory 12-disc changer (if present) must be disconnected. Purchase our [A2D-C5](#) to retain CD changer operation.

**Note:** The BLU-C5 support Bluetooth A2DP2 (music streaming) but does NOT support hand-free calls (HPF). Purchase our [A2DIY-C5](#) for hands-free and music streaming.

For more, see frequently asked question at the end of this guide.

## Installation 1: Installing module behind radio using the PXHGM4 installation harness.



All installs at the radio includes the **PXHGM4 installation harness (See Fig.2)** **The BLU-C5 will turn on/off with radio power button.**

If installing to 10-pin plug in trunk/hatch; Go to **installation 2** on page 3 for details.

To install module, radio/console must be removed- *Click links below for radio removal/ videos:*

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

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

1. Locate radio 20-pin plug, press black release tab to disconnect from radio (See Fig. 1)



Fig. 1

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

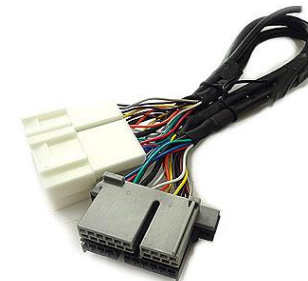


Fig. 2

PXHGM4 (fits radio)

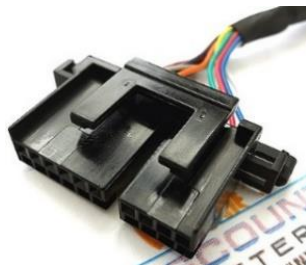
3. Connect installation harness 20-pin black/gray plug (See Fig. 2) to radio 20-pin socket vacated in step 1 and ensure **plugs/connectors are snug.**
4. **Optional AUX input:** Connect included 3 ft. aux cable to module jack and route other end to front of the dash or where aux device will reside.
5. **Optional USB-C charging kit—Go to page 7 for installation steps otherwise proceed to “Pairing” on page 5**

**Installation 2:** Installing module to 10-pin CD plug in trunk/hatch using the PXHGM2 installation harness. CD changer (if present) must be disconnected.



All installs to 10-pin "CD" plug in trunk/hatch includes the PXHGM2 harness (See Fig. 3). **The BLU-C5 will turn on/off with ignition key. Because there is no switch (ACC) supply in trunk/hatch; you are required to run accessory wire (red) to fuse panel in passenger foot well.**

1. Locate factory **10-pin** CD plug in trunk or hatch area (See Fig.3) Please note: if vehicle has a CD changer, disconnect 10-pin plug from changer (See Fig. 4) which remains disconnected and will no longer function.

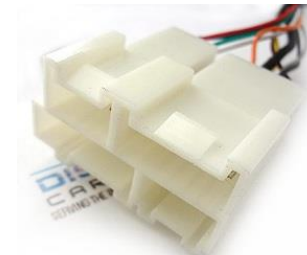


**Fig. 3**  
10-pin CD plug

2. Mate factory 10-pin CD plug (See Fig. 3) to installation harness 10-pin socket (white) (See Fig. 5)



**Fig. 4**  
12-disc changer



**Fig. 5**  
PXHGM2 (fits 10-pin CD plug)

3. Route red wire (See Fig. 6) to 12V accessory (switched) supply in vehicle. **This step is required because there is no accessory (switched) supply on 10-pin CD plug. (Do not connect red wire to battery supply)**



**Fig. 6**  
Accessory wire

## Where to get 12V accessory (Switched power):

1997-03 vehicles include a 3-pin plug under passenger toe board near BCM (may be covered in black duct tape) -- See Fig. 7

Yellow wire is ACC (Switched). If vehicle does not have 3-pin plug; see Alternate 12V Acc. supply option below.

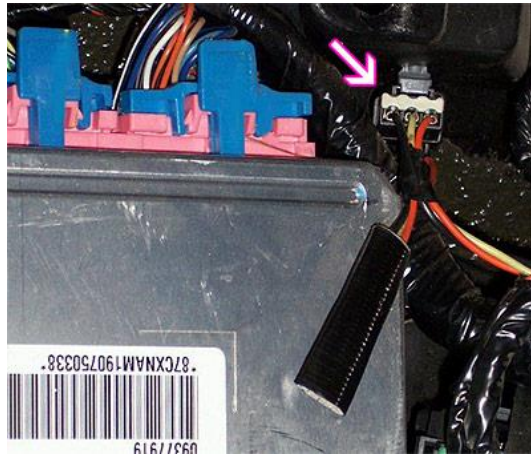


Fig. 7

**Note:** 3-pin plug may not be available in all vehicles and may have been omitted in 2004.

## Alternate 12V Acc. supply:

We recommend taping into fuse #22 or #11 of interior fuse box located under passenger toe board (See Fig. 9).

The [mini-tap](#) circuit seen in Fig. 8 is included for this purpose.

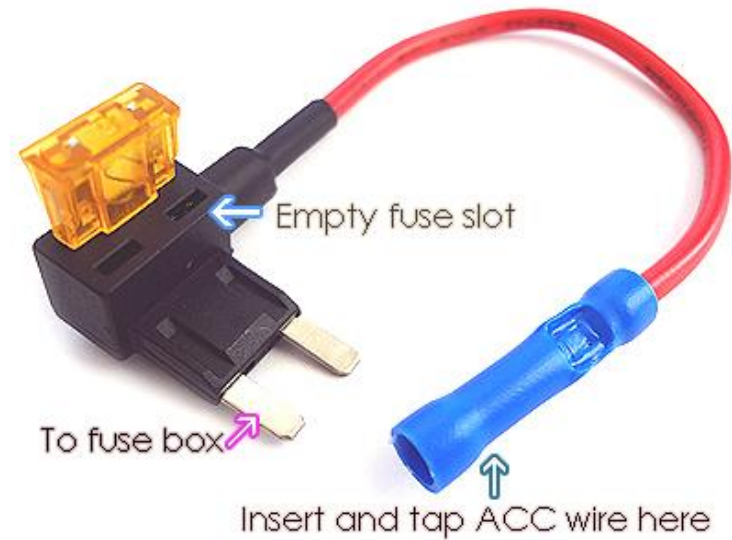


Fig. 8

fuse tap circuit

## How to use the Add-a-fuse tap

1. Strip 1/4- 3/8" insulation from red accessory wire. (See Fig. 6)
2. Insert stripped wire to blue connector (See Fig. 8)
3. Hold wire in place and crimp (crimping tool, pliers etc.) After crimp, **pull on wire to verify crimp integrity.**
4. Remove fuse #22 or #11 from vehicle fuse box.  
If there's no fuse in these slots to **step 7.**
5. Insert factory fuse to empty slot on add-a fuse tap (See Fig. 8)
6. Insert add-a-fuse tap to fuse box slot #22 or #11

**Noteworthy:** If fuse slots #22 or #11 is empty, the empty fuse slot on add-a-fuse remains empty (See Fig. 8). Turn "ON" ignition to verify LED is flashing through peep hole at the bottom of the module, otherwise check voltage at fuse slot and/or check add-a fuse crimp integrity.

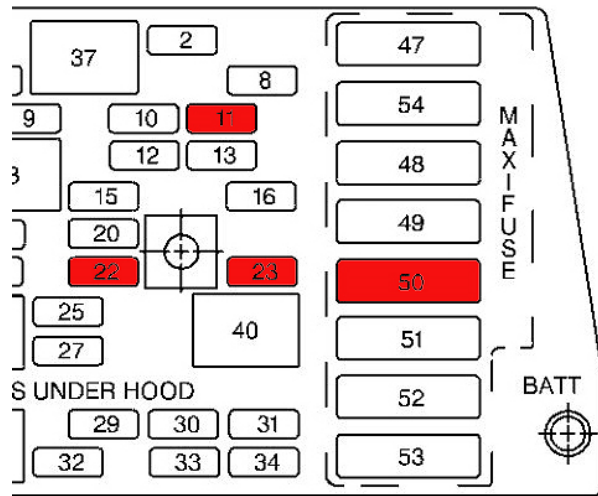


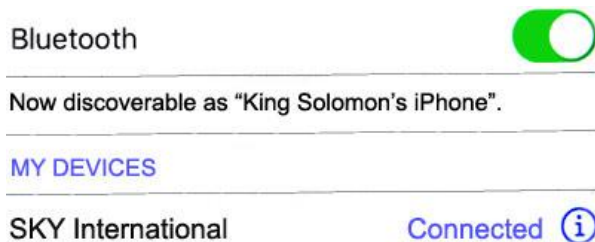
Fig. 9

C5 interior fuse box (yours may be different)

## Pairing:

Pairing process varies among devices but the basic steps are the same. This process is done upon initial install and may not have to be repeated.

1. Turn Ignition and radio "ON"
2. On A2DP device: Go to **Settings, Wireless & Networks, Bluetooth Settings**
3. Enable **Bluetooth**
4. In Bluetooth settings tap **Scan (Search) for devices**.
5. Wait for Bluetooth name to appear (See below) and select it. (Bluetooth name displayed is based on option selected at checkout).



Bluetooth



Now discoverable as "King Solomon's iPhone".

MY DEVICES

DisCarSt

Connected ⓘ

## Noteworthy:

1. **SKY international ID:** modules **without AUX option**.

**Supports Bluetooth 4.0** and also announces incoming call number. (Must answer call using handset)

2. **DisCarSt ID:** For modules **with AUX option**. Supports **Bluetooth 5.0** (does not announce incoming call number).

- Switch to aux by simply un-pairing smart device or disabling Bluetooth.

## Optional equipment:

The following are NOT required for BLU-C5 operation; however, these do enhance user experience.

To add these options to your order, select from choices on order page.

### 1. Smart remote control:

The C5 radio buttons will NOT operate your smart device, so instead of fumbling around, simply pair smart remote to smartphone and operate select phone functions from the remote while also keeping eyes on the road. Optional smart remote allows users to:

1. Control music wirelessly
2. Track up/down
3. Play/Pause (Android)
4. Volume up/down

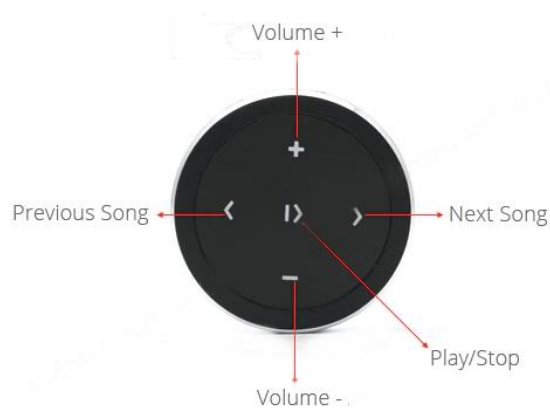
## Pairing Bluetooth remote:



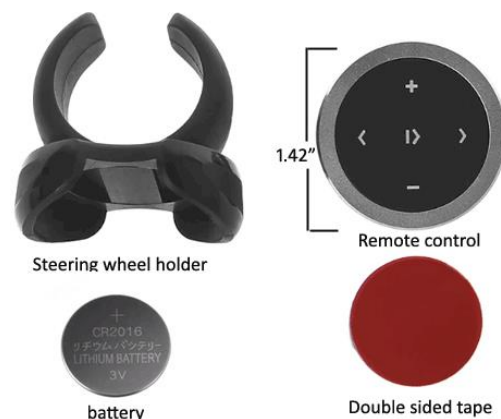
Select smart remote to pair  
BT003 etc.

## Operation:

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



## Package Contents:



Remote control custom fitted to opening for optional C5 drive control switch



## 2. AUX input

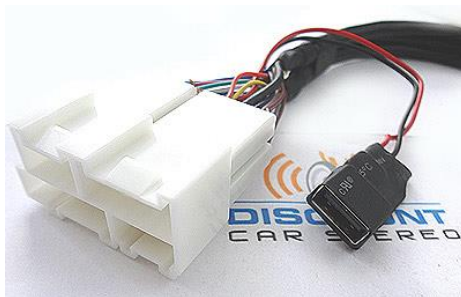
AUX input option allows users to also connect and play portable audio devices such as MP3 players, iPods, Zune, Satellite radio kits etc. Simply plug in supplied audio cable to AUX jack (See below) and route audio cable end to front of the dash or where audio device will reside.



## USB type-C charging: (not for sticks/thumb drives)

Optional USB -type C "Fast charging" kit helps keep those energy hungry devices charged while on the road. Discover how this charger is a massive improvement over many anemic aftermarket cigar lighter-type chargers.

**Note: Charging kit option is NOT currently offered for trunk/hatch installations using the PXHGM2 harness.**



USB Type-C charging port

### Charging Notes: (not applicable to iPhone 15)

1. iPhone "Fast charge" kicks in when battery capacity is between 0% and 79%, but stops when it reaches 80%. Fast charge available on iPhone 8 and newer.
2. Supports BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Apple, Samsung, Huawei etc.)

## USB type-C charging installation:



Optional USB type-C charger can be added to the BLU-C5. Should you decide to add it, we suggest one of 3 installation options:

- A. Flush to dash/panel requires drilling a 3/4" hole**
- B. Flush with support bracket** (Mount terminal wherever your installation demands without drilling)
- C. Freestanding-** (default)

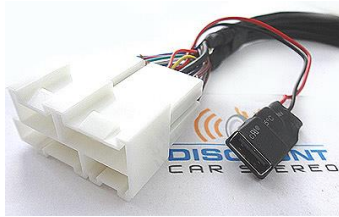
### A. Flush to dash/panel (drilling required)

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



Fig. 10  
Step drill bit

2. Insert cable through hole created in step 1
3. Locate USB type-C port **Fig. 11)**
4. Connect cable from step 2 to charger USB type C- port



**Fig. 11**

5. Snap USB head to opening until flush with surface (See **Fig. 12**)



**Fig. 12**

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 ft. of radio to mount USB support bracket (See **Fig. 13**)
2. Use tape backing or screws to secure bracket to surface



**Fig. 13**  
mounting bracket

3. Insert USB cable through bracket hole (See **Fig. 14**) and connect to USB Type-C port (See **Fig. 11**)



**Fig. 14**

4. Snap USB head to bracket until flush (See **Fig. 15**)



**Fig. 15**

**NOTES:** This kit does not include a USB type-C cable. iOS devices require a USB-C to Lightning cable. Android devices requires a USB-C to USB-C or USB-C to Micro-USB cable (sold separately)



## Operation:

1. Turn ignition switch to "ACC" or "ON"
2. To enter Bluetooth mode, press "AUX" button on radio  
**Note:** Press AUX button twice if radio contains a "disc" or cassette.



Fig. 14

**Note:** After pressing AUX; radio may briefly display an Errr then switch to "CD" changer mode (See Fig. 14). Then to "TIME" display mode -- this is normal

3. Launch smartphone or tablet streaming application.
4. Ensure smartphone volume is set to 80% or higher and use radio volume button to set playback level.



Playlist and Track selection \*NOT\* possible from radio.  
 Use audio device built-in controls or optional wireless remote to access and control audio files.

### OPTIONAL AUX OPERATION

1. Press "AUX" button on radio as customary
2. On audio device, disable or pause Bluetooth
3. Audio system is now in AUX mode.
4. Connect audio device to 3.5mm jack using supplied audio cable or similar
5. Operate aux device using its built-in controls or as customary.
6. To resume streaming:

**Re-enable or un-pause Bluetooth** on smartphone.

**Note:** Paired device has playback priority and remains until Bluetooth device is no longer paired or has been paused. AUX playback is possible when no device has been paired or device is out of range.

7. If correct operation is confirmed, re-install radio/panels.

## Feature comparison:

Hands-free calling only, see Table 1),  
 Music streaming only kits (A2DP); see Table2.

Table 1 (Hands-free and music streaming kits)

Modules	A2DIY-C5CD	A2DIY-C5
Retains changer playback	✓	X
Requires working CD changer	✓	X
Audio input jack (Aux in)	✓*	✓
USB charging port	✓*	✓*
Hands-free calling (HPF)	✓	✓
Music Streaming (A2DP)	✓	✓
Connection (To Radio)	✓	✓
Connection (trunk)	X	X
Wireless remote control	included	included
Controls from radio buttons	X	X

Table 2 (Music streaming only and aux)

Modules	A2D-C5	BLU-C5	DSC-GM4
Retains changer playback	✓	X	X
Requires working CD changer	✓	X	X
Audio input jack (Aux in)	X	✓*	✓
USB charging port	X	✓*	X
Hands-free calling (HPF)	X	X	X
Music Streaming (A2DP)	✓	✓	X
Connection (To Radio)	✓	✓	✓
Connection (trunk/hatch)	✓	✓	✓
Wireless remote control	✓*	✓*	X
Controls from radio buttons	X	X	X

\* Optional (select option during checkout)

## BLU-C5 options explained:

1. **PXHGM4 harness:** This harness is included with all installs at the radio.

**Note: Radio removal required for all PXHGM4 harness options.**

2. **AUX INPUT:** Select this option for both streaming (wirelessly) and AUX (wired) playback. The AUX input jack is perfect for wired devices (MP3 player, Car play, SiriusXM kit etc.)

3. **USB-C charging:** Select this option for streaming plus a USB type-C charging port.

4. **AUX INPUT + USB-C charging port:** Select this option to combine all 3 (streaming, AUX and charging)

5. **PXHGM2 harness:** This harness is included with all trunk/hatch connections to 10-pin CD plug. Please verify vehicle has [10-pin](#) plug prior to selecting this option. The 10-pin plug is reserved for optional 12-disc Changer. If vehicle has 12-pin changer, it must be permanently disconnected.

6. **AUX INPUT:** Select this option for both streaming (wirelessly) and AUX (wired) playback. The AUX input jack is perfect for wired devices (MP3 player, Car play, SiriusXM kits etc.) All PXHGM2 options connect to 10-pin CD changer plug (radio removal not required) but **requires routing accessory wire to fuse box under passenger toe board**. CD changer (if present) must be disconnected.

**Note:** At present a USB type-C charging port not offered with the PXHGM2 harness installs in trunk/hatch.

## Frequently asked questions:

1. **Does the BLU-C5 require a 12-disc CD changer to work?**  
**NO;** CD changer not required. If vehicle has a 12-disc changer it must be disconnected or purchase our [A2D-C5](#) instead.
2. **There was no microphone included (Does it not support Bluetooth hands-free calls)?**  
**NO;** BLU-C5 module supports Bluetooth audio streaming only (A2DP). For Bluetooth hands-free purchase our [A2DIY-C5CD](#) or [A2DIY-C5](#)
3. **Can I install the BLU-C5 without removing radio?**  
**YES;** but only if vehicle has a 10-pin "CD" plug (See [Fig. 3](#)) in trunk/hatch. To install BLU-C5 without removing radio, **select trunk/hatch install options from drop down**. See question 6.
4. **Does installing the BLU-C5 disable the CD player built-into radio?**  
**NO.** The BLU-C5 adds music streaming to existing system and does not interfere with operation of the CD player built-into radio. Separate 12-disc CD changer (if present) must be disconnected or purchase our [A2D-C5](#)
5. **Is it possible to install the BLU-C5 at radio instead of trunk/hatch?**  
**YES;** select any "connects to radio" option.
6. **I am installing the BLU-C5 in the trunk using the PXHGM2 harness. My question is this: Why do I need to route red wire when the CD plug already has a power supply wire? Can I just connect red wire to the 12V supply for the CD changer?**  
**Short answer is NO.** There is no accessory (switched) wire on the 10-pin "CD" plug. All installs in trunk/hatch using the PXHGM2 harness requires routing included red wire to fuse panel under passenger toe board. This module will not work as described if red wire is connected to 12V battery supply (always on) which also risk battery drainage.
7. **Is it easier to remove radio and install module or run accessory wire to passenger toe board using the PXHGM2 install?**  
It is probable easier (faster) to run accessory wire to toe board. Gaining access to radio plug is more time consuming, so you must weigh these options when deciding on install location. Please also check if vehicle has 10-pin plug prior to ordering.

8. **How do I remove radio from dashboard?**

Please click video links below for help removing radio:

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

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

9. **With ignition “OFF”, radio remain powered but not able to stream, why is that?**

GM Retain Accessory Power (RAP) allows the radio to remain powered for up to 10 minutes after ignition switch is turned OFF or by opening driver's door. All installs at the radio allowing the BLU-C5 turn ON/OFF with radio **PWR** button making it possible to stream until radio is switched OFF.

Unfortunately, installs in trunk/hatch using our harness **requires routing included ACC. Wire (Red) to fuse panel and BLU-C5 turns on/off with ignition key (will not stream during RAP)**

10. **This module does not support hands-free calls, so what happens when the phone rings?**

When phone rings, streaming mutes; call number announced on car speakers (Modules without AUX option only). Answer call using handset as customary. When call ends streaming resumes.

11. **I've connected module at the radio, but when in “AUX” mode I hear both streaming and CD changer. What could be wrong?**

For the BLU-C5 to work as described, the I2-disc changer in trunk/hatch **must be disconnected**. Ensure CD changer is disconnected from 10-pin plug in trunk/hatch.

12. **Radio enters aux mode but after a few seconds “Errrr” appears in the display. What can possible be wrong?**

The most likely reason for the Errr message is the **CD changer remains connected or module is defective (not communicating with BCM)** –It is NOT possible to have both CD changer and the BLU-C5 simultaneously connect to the C5 radio. If this is the case, please disconnect CD changer 10-pin plug in trunk/hatch.

**Disclaimer**

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

For additional questions, email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)