



## A2DIY-C5 (v. 4.6.22)

### QUICK START BLUETOOTH MUSIC STREAMING AND HANDS-FREE KIT INSTALLATION GUIDE FOR SELECT 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 RADIOS WITH "AUX" BUTTON ON FACEPLATE

## Introduction

This easy to install Bluetooth "triple play" kit is essential to keeping your American classic as stock possible. The A2DIY-C5 module sounds great for mobile conversations, streaming music, AUX playback and more. The included media remote is used to adjust device volume, pause/play tracks and easily mounts to steering wheel or dashboard and essential to reducing driver distraction. In addition, an **optional** USB type-C charging kit is available to charge those power-hungry devices while on the road. Keep original C5 radio (Bose or non-Bose) while enjoying Bluetooth features only available in newer cars.



If vehicle has a 12-disc changer; it **must be disconnected** at the 10-pin plug in trunk/hatch. To retain CD changer operation, purchase our [A2DIY-C5CD](#) instead.

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

## Installation

Radio/dashboard removal required to install this kit. For help with radio removal, click video links below:

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

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

1. With radio removed, locate 20-pin plug (See **Fig. 1**)
2. Disconnect by pressing release tab



Fig. 1



**Warning:** 32-pin connector (pictured above) on climate control module and not relevant to this install.

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



**Fig. 2**  
installation harness

4. Connect installation harness 20-pin black/gray plug (See **Fig. 2**) to radio 20-pin radio socket vacated in step 2
5. Go to step 6 if not connecting AUX option, otherwise
6. Connect supplied 3.5mm audio cable (See **Fig. 3**) to module "AUX" jack (See **Fig. 4**). Route audio cable to dash area or wherever Aux device will reside (within 3 ft.)



**Fig. 3**  
Audio cable



**Fig. 4**

7. Secure microphone (See **Fig. 5**) to visor or headliner using included visor clip (See **Fig. 6**)



**Fig. 5**  
Microphone



**Fig. 6**  
Visor clip

8. Route microphone (See **Fig. 5**) down pillar, under driver kick panel and across into radio cavity.
9. Connect microphone plug into module "MIC" jack (See **Fig. 3**)  
**Be cautious not to damage or cut both microphone cable.**



## Optional charging kit

With optional USB-type C charging" kit –smart devices remain charged while on the road. Custom install in convenient location (dashboard, armrest, glove box etc.), and discover how this charger is a massive improvement over many anemic aftermarket cigar lighter chargers etc.

**This kit support charging. Not for audio playback.**



We suggest one of 3 installation options:

**A. Flush to dash/panel requires drilling a  $\frac{3}{4}$ " 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  $\frac{3}{4}$ " 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. On module installation harness locate charger **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 3.2 ft. of module and mount support bracket (See Fig. 14) to surface screws (included).



Fig. 14  
mounting bracket

2. Insert cable through hole in bracket (See Fig. 15) and connect to charger (See Fig. 11)



Fig. 15

3. Snap USB head to bracket opening until flush (See Fig. 16)



Fig. 16

4. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

## Media remote control

The included media remote is used to control select Bluetooth functions without having to fumble with smart device while driving, however; most functions can also be performed using voice activation commands or smart device touch screen/buttons.

**Pairing:** Ensure Bluetooth is enabled on your device (e.g., Smartphone/Tablet etc.) scan/search for available devices and select BT009/03 from list. Media remote can be paired with multiple devices but operated by one at a time.



Fig. 18

### Installation:

Attach remote to steering wheel (includes holder) or dashboard to safely and conveniently control multi-media functions even when smartphone is out of reach.

### Charging:

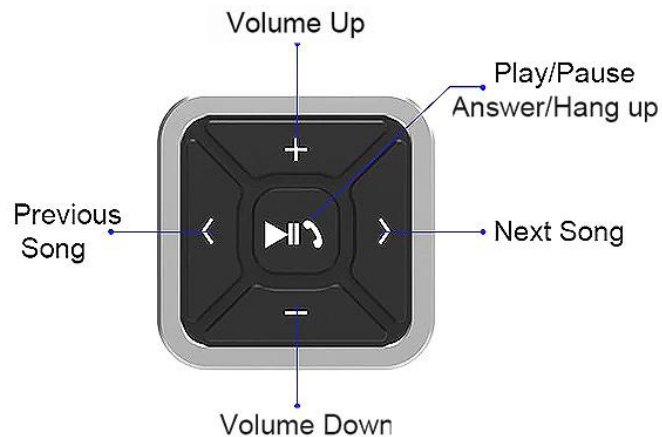
This remote has a built-in rechargeable 200mAH battery which may last up to 10 days. Use supplied USB cable or similar to charger. Reaches full charge after approximately 2 hours.



### Remote control operation:

Once paired, users may perform the following functions on iOS devices with Bluetooth 3.0 and later and Android 4.0 or later.

**These remote functions do not apply to the Corvette radio. Remote can also be used at home etc. to control music played on a Bluetooth speaker etc.**



## Bluetooth pairing and connection

This process must be carried out upon initial install after which the A2DIY-C5 automatically reconnect with last paired device upon entering vehicle. (turning ignition key)

1. Go to smartphone settings and enable Bluetooth
2. Smartphone will automatically begin searching for devices.
3. Select Bluetooth name below, tap "Connect"

Bluetooth



Now discoverable as "King Solomon's iPhone".

MY DEVICES

LANNI

Connected ⓘ

**Note:** Supports multiple phone pairings but connects to one smart device at a time. If for some reason smart device 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 name etc. are **not shown on radio screen.**

Operate smart device via media button, VR (voice recognition) or device built-in controls. Use radio buttons to adjust playback and tone controls (e.g., Bass/treble etc.)

## Operation

1. Turn ignition and radio "ON"
2. Press "AUX" button on radio  
(Radio display changes to Disc 6 Track 1)



Fig. 20

3. Launch streaming application (e.g. Pandora, Apple music etc.)
4. Use device built-in control or Bluetooth media button to change tracks, adjust device volume, pause/play etc.
5. Place test phone call or ask someone to call. Press media button "Pause/Play" button to accept call and end call.  
**Use remote Pause/Play to switch between AUX playback and Bluetooth or simply pause smart device playback.**
6. If correct operation is confirmed go ahead and reinstall radio.



Playlist and Track selection \*NOT\* possible from C5 radio buttons/display. Use audio device built-in controls or media button to access and control audio files and applications.

### Notes:

1. If playback is distorted or low, adjust volume level on smart device.
2. On incoming calls, ring tone also plays on car speakers
3. Bluetooth range is approximately 20 ft. ensure device is within range
4. Streaming has priority.
5. **\*Bluetooth remote does not control AUX device nor factory radio functions. Use aux device built-in controls and radio buttons as customary.**

**Feature comparison:** Bluetooth Hands-free calling and music streaming  
(See Table 1.) For music streaming only (See Table2)

Table 1 (See Footnotes)

Modules	<a href="#">A2DIY-C5CD</a>	A2DIY-C5
Retains changer playback	YES	NO
Requires working CD changer	YES	NO
Audio input jack (Aux in)	*	YES
USB charging kit	*	*
<b>Hands-free calling (HPF)</b>	YES	YES
<b>Music Streaming (A2DP)</b>	YES	YES
Connects at radio location	YES	YES
Connects in trunk	NO	NO
VR support	YES	YES
Remote control/media button	YES	YES
Controls from radio buttons	NO	NO

\*Optional

Table 2 (See footnotes)

Modules	<a href="#">A2D-C5</a>	<a href="#">BLU-C5</a>
Retains changer playback	YES	NO
Requires working CD changer	YES	NO
Audio input jack (Aux in)	NO	NO
USB-type C charging port	*	*
<b>Hands-free calling (HPF) support</b>	NO	NO
<b>Music streaming (A2DP) support</b>	YES	YES
Connection to radio (with PXHGM4 harness)	YES	YES
Connection in trunk (with PXHGM2 harness)	YES	YES
VR support (e.g. Siri)	**	**
Smart remote	*	*
Controls from radio buttons	NO	NO

\*Optional (Check order page for option)

\*\* Voice recognition possible directly on Apple or Android device



## Frequently asked questions

1. **What's the difference between your A2DIY-C5 and A2DIY-C5CD?**  
The A2DIY-C5CD requires a functioning CD changer and the A2DIY-C5 does not. Other than they are identical.
2. **Does the A2DIY-C5 work on all Corvette radios?**  
Works on 1997-04 radios with "AUX" button on faceplate. (Bose or not)
3. **Will I be able to control smartphone using C5 radio buttons?**  
**NO**; use included media button smart device built-in controls/touch screen, voice controls or. Use radio volume knob to set playback level.
4. **Will the radio display call number or song name?**  
**NO**. This is not possible on the C5 radio.
5. **How do I listen to device connected to AUX jack?**  
Press **AUX** button on radio until DISC 6 TRACK 1 is displayed, then press **PLAY/PAUSE** button on remote control.
6. **Will radio mute when I receive or make phone call?**  
Muting is possible only if radio is in "AUX" (Bluetooth) mode. If in AM/FM, CD or TAPE mode; muting is not possible. In addition, user must press "AUX" button (Bluetooth mode) for caller to be heard on car speakers.
7. **My second phone does not pair or find Bluetooth module?**  
In order to pair a second device, ensure **no other device is currently** paired. Un-pair or disable Bluetooth on any such device. Module then enters discovery mode and ready for pairing.
8. **Will I be able to play flash/thumb drives on optional USB port?**  
**NO**; USB type -C charging port **does not support** thumb/flash drives and limited to charging.
9. **Where does the module install and do I have to remove radio from dashboard?**  
Module connects to the back of the radio (requires radio removal). Click video link below for radio removal instructions:  
<https://www.youtube.com/watch?v=WTbWYNJTSDs>
10. **My device plays intermittently. What can cause this?**  
Ensure smartphone volume level is not at max. Reduce device volume level and re-test.
11. **Will the CD player (built-into radio) or Tape player (built-into radio) still work after installing this module?**  
The CD player and Tape player built-into AM/FM radio is not affected by this module. Separate I2-disc changer (if present) must be disconnected at the

IQ-pin plug in trunk/hatch. To retain I2-disc changer, purchase our [A2DIY-C5CD](#) instead.

12. **Callers not able to hear my voice with top down (convertible). Can you offer some guidance?**  
Convertible owners are advised to install visor microphone in area less susceptible to wind noise (e.g. pillar, mirror etc.).
13. **My radio enters aux mode but displays an "Errr" message. What is possibly wrong?**
  - a. **Bad Module**—try resetting radio/module by disconnecting car battery, radio fuse or 20-pin harness from radio for 10-15 minutes—reconnect and test.
  - b. **CD changer remains connected** – if vehicle has optional I2-disc changer (in trunk/hatch), ensure it is disconnected at IQ-pin plug. (It is not possible to have both CD changer and module simultaneously connect to the C5 radio.

### 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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