A2DIY-C5CD

QUICK START INSTALLATION GUIDE TO SELECT 1997-04 CORVETTE WITH 12-DISC CD CHANGER

Created January 16, 2013
Revised June 6, 2024

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
FULY FUNCTIONING 12 DISC CHANGER IN TRUNK OR HATCH

Introduction: Updated version

If looking to add Bluetooth features to your American classic **with trunk/hatch mounted 12-disc changer** you should consider the A2DIY-C5CD Kit. This revised easy to install kit is essential to adding Bluetooth features to the C5 radio. This module sounds great for mobile conversations, streaming Pandora, Sirius radio, Apple music, audiobook, podcast and more. The included media button (remote) can be mounted on dashboard or steering wheel to adjust volume, track selection and more. In addition, an optional USB type-C charging kit is available to keep devices charged while on the road. Thanks to the A2DIY-C5CD 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 at radio)

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
radio connector

2. Connect factory 20-pin plug to 20-pin socket on installation harness (white) See **Fig. 2**

Fig. 2

Fig. 3
installation harness

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

The required 12-disc CD changer

A2DIY-C5CD Playback options explained

Warning: Regardless of playback option selected:
1. A fully functioning 12-disc changer is required.
2. **CD changer remains connected>**
3. **CD changer magazine must have at least one "Disc" which will spin continuously (even when in Bluetooth mode).**

These options are available and selected at checkout:
1. Retain changer playback **(default)**
2. Auxiliary input (**instead of changer playback**)

1. Retain CD changer playback:

This is the default playback option that allows retention (use) of the 12-disc changer in trunk or hatch CD changer must be fully functional. **See installation step 4.**

2. AUX input (instead of changer playback):

This option provides a 3.5mm jack allowing user to connect and play portable audio devices (e.g., sat radio, Alexa, iPod, Mp3 etc.) **forfeiting**

12-disc changer playback, The CD changer is required and must be in working order, however the AUX device takes its place. Meaning the CD changer remains connected but will no longer play and at least one disc must remain in CD changer magazine.

1. Connect included 3.5mm audio cable (See **Fig. 4**) to "AUX" jack (See **Fig. 5**)
2. Route audio cable plug to audio device location (within 3 ft.)
3. **Proceed to installation step 4.**

Fig. 4
3.5male to male audio cable

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" input.

Wind noise (Convertibles) will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.

Visor microphone
Fig. 6

Optional USB type-C charging kit (charge only)

Optional USB type-C charger ships pre-wired (red/black) power wires to the connecting harness seen in **Fig. 3**
We suggest one of 3 installation options:
A. **Flush to dash/panel requires drilling a ¾" 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 ¾" 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

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 can only operate 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.
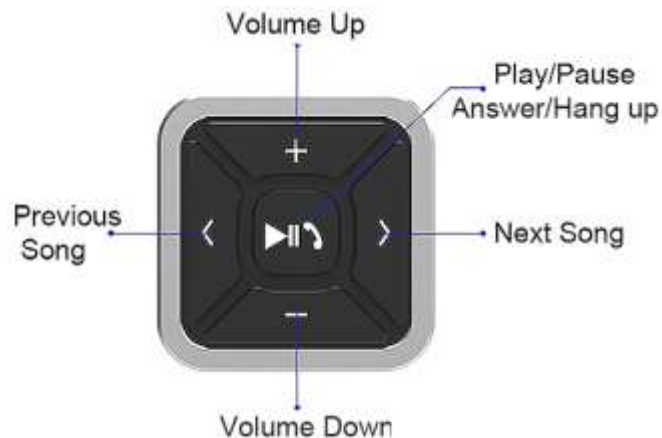
Charging:
The media remote control has a built-in rechargeable 200mAH battery which may last up to approximately 10 days (depends on use). Use supplied USB cable to connect media button to charging source. (at home or in vehicle)
Reaches full charge after approximately 2 hours.

Remote control operation:

Once paired with smartphone/Tablet, users may perform the following functions on iOS devices with Bluetooth 3.0 and later and Android 4.0 or later.
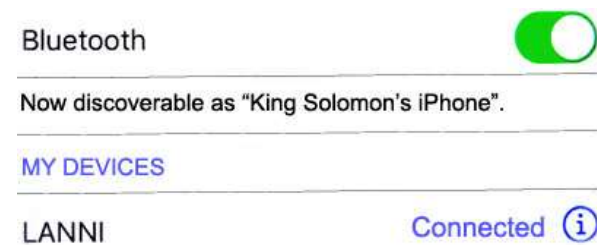These remote functions do not apply to the Corvette radio.

Volume Up

Play/Pause
Answer/Hang up

Previous Song

Next Song

Volume Down

Bluetooth pairing and connection

This process must be carried out upon initial install after which the A2DIY-C5CD will automatically reconnect with paired phone upon entering vehicle.

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

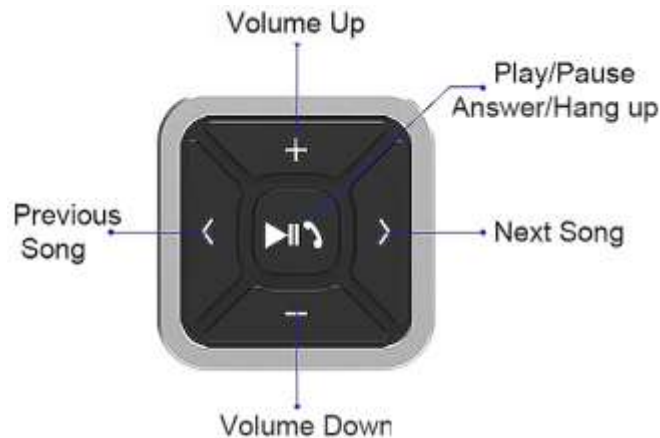LANNI   Connected ⓘ

Note: Supports multiple phone pairings but connects to one 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 other to pair another.

Warning: Caller ID, song text is **not shown on radio screen**. Operate Bluetooth device via media button, VR (voice recognition) 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. Press **CD/AUX or Tape/AUX** button on radio
   Reminder: CD changer magazine must have at least one disc for AUX button to function.
3. Launch smartphone music streaming application
4. Set smartphone media volume to 80% and raise radio volume knob to set playback level. If distorted, lower audio device volume.

5. Use media remote to change tracks, volume adjustment, pause, play on smart device (e.g., smartphone) these do not apply to the C5 radio
6. Place test call
7. Press media button **Pause/Play** to answer/end call
8. **Press media button Pause/Play to switch between CD changer or AUX playback and streaming**
9. If correct operation is confirmed go ahead and reinstall radio.

Notes:
1. On incoming calls, ring tone plays through car speakers
2. AUX and or CD changer has playback priority.
3. *Media remote does not control AUX device nor C5 radio. Use AUX device built-in buttons for music selection and controls.

Feature comparison

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	A2D-C5	A2DIY-C5	A2D-C5FM	A2DIY-C5CD	C5CD-HF
Retains changer playback	YES	NO	YES	YES*	YES*
Requires CD changer²	YES	NO	NO	YES	YES
Audio input jack (Aux in)	NO	YES	Op	*	*
USB charging port	Op	Op	NO	Op	YES
Hands-free calls	NO	YES	NO	YES	YES
Connect to radio	YES	YES	YES	YES	YES
Connects to changer	YES	NO	NO	NO	NO
Supports voice activation	**	**	**	**	YES
Wireless remote control	Op	YES	Op	YES	Op
Push-to-talk button	NO	NO	NO	NO	YES
Controls from radio	NO	NO	NO	NO	NO

*Optional: Aux input or CD changer playback retention
** Voice Activation possible from smart device buttons
Op=optional
² CD changer must be fully functional (able to play CD's)

Frequently asked questions & troubleshooting

1. **What is the difference between the C5CD-HF and A2DIY-C5CD?**
The A2DIY-C5CD includes media button (remote). C5CD-HF, media button is optional and instead a push-to-talk button with built-in microphone is included. See feature comparison table for more.

2. **What is the difference between the A2D-C5 and A2DIY-C5CD?**
The A2DiY-C5 supports music streaming and Hand-free calls. The A2D-C5 supports music streaming only (no hands-free calls).

3. **Does the A2DIY-C5CD work on all C5 radios?**
Works in 1997-04 C5 with Theftlock AM/FM/CD or AM/FM/TAPE with **fully functioning 12-disc changer in trunk/hatch. (Does not work if changer malfunctions in any way)- Please check changer operation prior to ordering.**

4. **Will radio display call number or song name?**
NO. These features are not possible on C5 radios.

5. **Is it possible to control smartphone music from radio buttons?**
NO; Use smartphone or audio device built-in controls, media button or voice commands. Use radio volume button to set playback level.

6. **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 media remote for CD to be heard.**

7. **I selected option to retain changer playback plus AUX input; but how do I listen to AUX device?**
(this option is no longer offered)

8. **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.

9. **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.

10. **Will I be able to connect a flash drive to optional USB charging port?**
NO; Optional USB type-C port does not support thumb/flash drives. Charge only.

11. **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 12-disc changer operation is not affected by this module.

12. **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.).

13. **How do I remove radio from dashboard to install module?**
The ADIY-C5CD connects to the radio. Click link for video instructions: https://www.youtube.com/watch?v=WTbWYNJTSDs

15. **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 and disc will begin to spin as soon as "AUX" button is pressed.