A2D-C5

Quick Start Audio Streaming Installation Guide for 1997-04 Corvette with 12-disc CD Changer

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**Introduction:**

If your C5 has a 12-disc Changer, the A2D-C5 is for you! The A2D-C5 connects directly to the 10-pin CD Changer plug in hatch/trunk OR directly to the radio’s 20-pin connector (your choice) and unlike other adapters, the required 12-disc CD Changer remains connected and operational. That’s right! No longer will you have to sacrifice the CD Changer in order to add Bluetooth. If vehicle DOES NOT have a working 12-disc changer, purchase our BLU-C5 instead.

A Bluetooth wireless connection means no wires, clutter or complicated setup. Simply pair smartphone or tablet and enjoy GPS prompts, music apps and more on the car system. All controls and display remain with audio device – C5 Radio controls (except volume) do not apply.

See Frequently Asked question at the end of this guide.

**Installation 1: (To Radio)**

Installation is possible to the radio or at the CD Changer location in trunk/hatch. (See installation 2 below)

Remove Radio from dashboard to gain access to the connectors. (Click link below for radio removal instruction video)

https://www.youtube.com/watch?v=WTbWYNJTSOs

1. Disconnect factory 20-pin plug from Radio (See Fig. 1)

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

3. Connect 20-pin plug (gray/black) from installation harness (See Fig. 2) to vacant 20-pin chamber on radio (See Fig. 1).

4. They are no known switched or accessory wires on radio plug and because of that you must connect (Tap) red wires to ACC (Accessory/switch) supply power in your vehicle. This can be done many different ways but we suggest the following:

   **IN 1997-03:** locate 3-pin plug under passenger toe board near BCM (may be covered in black duct tape) --- yellow wire is Accessory power (See Fig. 3) Connect, tap or splice red wire from installation harness to yellow wire.
**IN 2004:** The 3-pin plug has been omitted. We suggest fuse: \#22 or \#11 on interior fuse box. (See Fig. 5). Please test circuit for proper voltage and operation prior to final install.

To aid install we include a mini-tap as seen in Fig. 4.

**If using included Add-a fuse mini-tap:** Crimp red wire to tap and inset to fuse \#22, or \#11. If fuse location is already in use, remove fuse, insert mini-tap in its place, insert original fuse into open slot on mini-tap.

**Noteworthy:** The Add-a-fuse circuit can be used in all C5.

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**Installation 2: (To 10-pin plug at CD Changer in trunk/hatch)**

**Alert!** Installation is possible to 10-pin plug at 12-disc Changer in trunk/hatch (See Fig. 6) or 20-pin plug at the radio. No matter the install location, a working CD Changer is required and remains connected and functional. If vehicle does not have a 12-disc Changer, purchase our BLU-C5 instead.

1. Locate factory Changer in trunk/hatch (See Fig. 6) and disconnect 10-pin plug (See Fig. 2). Many 12-Disc Changers are mounted vertically (See Fig. 1) preventing view of 10-pin plug however, it is possible to “blindly” disconnect plug by reaching under the Changer, pressing release tab or simply dismount Changer from bracket.

2. Connect factory 10-pin plug (See Fig. 7) removed from changer to 10-pin connector (white) on installation harness (See Fig. 8)

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Tuck and secure any extra wires away from moving parts and test operation.
3. Connect 10-pin plug (black) from installation harness (See Fig. 7) back into vacant chamber of 12-disc Changer (See Fig. 9)

4. To install accessory wire, go to installation step 4 in page 2.

5. Tuck and secure any extra wires away from moving parts and test operation.

**Pairing:**

Pairing process varies among devices but the steps are basically the same. This process is done upon initial install and will not have to be repeated. The range on this device is approximately 30 ft, so operation is possible while seated in driver/passenger chair.

1. Turn Ignition and Radio “ON”
   LED inside adapter peephole will flash (pairing mode)
2. On A2DP device: Go to **Settings, Wireless & Networks, Bluetooth Settings**
3. Select **Bluetooth** and turn on.
4. Select Bluetooth settings
5. Tap **Scan (Search) for devices**.
6. Wait for Bluetooth device name to appear and select it.
   LED inside adapter peephole will glow steady (paired)
Optional equipment: The following options are not required for the module to work; however, these two options enhance user experience. To add remote to order simply tick box on product page.

1. Remote Control:
This wireless remote is not required for adapter to work, however instead of fumbling audio device, you simply press the familiar remote control buttons while also keeping your eyes on the road.

Optional remote control allows users to:
1. Control music wirelessly
2. Activate VR commands (Siri, Google play etc.)
3. Track up/down
4. Volume up/down

Pairing Bluetooth remote:

Remote Control Operation:
Use wireless remote to perform the following functions on any iOS7.0 and higher or Android 4.4 and higher.

Contents:

2. USB Charging port
the optional USB port provides up to 2.5 Amps of charging power -- which is more than enough juice to charge today's energy hungry iPhones, iPads, tablets and more. Custom install USB port in a convenient location and discover how this charger is a massive improvement over cars built-in
charging ports and many anemic aftermarket cigar lighter chargers. To add USB Charging port simply select installation harness with USB port. For example:

1. PXHGM4 (to radio) + USB Charging Kit: connects module at the radio and includes USB charging port, extension cable and mounting plate
2. PXHGM4 (to radio) connect module at the radio but DOES NOT include USB Charging Kit.

USB charging kit it not currently offered with the PXHGM2 (to trunk/hatch) installation harness.

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**USB Installation**

A. **Flush to dash/panel requires drilling a ¾” hole in the dash**

B. **Flush with Support bracket** (use this option to mount USB terminal without drilling)

**A. Flush to Dash or Panel (drilling required)**

1. Drill a ¾” hole in the dash or panel using a step drill bit or equivalent (See Fig. 9)

![Step drill bit](image)

**Fig. 9**
Step drill bit

2. Insert 3ft. USB cable male terminal (See Fig. 10) through ¾” hole created in step 1 and plug into USB port on harness (See Fig. 11)

![Flush mount 3 ft. USB cable](image)

**Fig. 10**
Flush mount 3 ft. USB cable
3. Push USB head (See Fig. 12) until it snaps in place and flush with mounting surface (See Fig. 13)

**Fig. 12**
Flush mount USB Terminal

**Fig. 13**
Flush mounted to dash

### B. Bracket Mount *(No drilling)*

1. Locate a flat surface at location of choice within 3.2 ft. of radio to mount USB support bracket (See Fig. 14) with tape backing or screws.

   **Fig. 14**
   mounting bracket

2. Insert USB male terminal through hole in bracket (See Fig. 15) and connect to USB port on harness (See Fig. 12)

   **Fig. 15**

3. Push USB head until it snaps in place and flush (See Fig. 16)

   **Fig. 16**

Or simply connect audio device charging cable directly to USB port on harness (See Fig. 12) and route the plug to dash area or where audio device will reside.
Test Operation:

1. Turn Radio “ON”
2. Press “TAPE/AUX” or “CD/AUX” button on radio
3. Launch audio streaming application.
4. Set initial volume control on audio device to 50%—adjust as needed based on playback quality (reduce if distorted). Use Radio volume button to set playback level.

**Warning!** Playlist and Track selection is *NOT* possible from C5 Radio button. Use audio device built-in controls or optional wireless remote to access and control audio files and applications.

To listen to CD’s:

1. Listening to CD’s stored in CD Changer:
   a. Press “TAPE/AUX” or “CD/AUX” button on radio
   b. Disable Bluetooth on device. Tracks playback is enabled on car speakers. Control Cd Changer from radio as customary.
2. To return to music streaming:
   **Enable Bluetooth** in audio device settings screen.
   **Note:** Streaming audio has priority and remains until Bluetooth has been disabled. CD Changer playback is only possible when Bluetooth is disabled or Bluetooth device is out of range.

C5 Corvette product feature comparison:

Use chart below to compare features for the different C5 products we offer. If you still have questions, see FAQ section at the end of this guide or contact us prior to ordering.

<table>
<thead>
<tr>
<th>Feature-or Requirements</th>
<th>A2D-C5</th>
<th>BLU-C5</th>
<th>C5CD-HF</th>
<th>C5-HF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retains Changer Playback</td>
<td>YES</td>
<td>NO</td>
<td>YES*</td>
<td>NO</td>
</tr>
<tr>
<td>Requires working CD Changer</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>Audio input jack (Aux in)</td>
<td>NO</td>
<td>NO</td>
<td>YES*</td>
<td>YES</td>
</tr>
<tr>
<td>USB Charging Port</td>
<td>Optional²</td>
<td>Optional²</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Supports Hands-free calls</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Connect to Radio (behind dash)</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Connects to Changer in trunk/hatch</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>Supports voice activation (e.g. Siri)</td>
<td>NO**</td>
<td>NO**</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Optional Wireless remote control</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>Controls music from radio buttons</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

Footnotes:

*Aux input or CD Changer playback retention (your choice)

**Voice activation possible with optional remote control or if this feature is enabled on device (e.g. OK google, Hey Siri etc.)

² At present optional USB Charging port is available only for installs at the radio using the PXHGM4 installation harness.
Frequent asked questions

1. **Does the A2D-C5 require a CD Changer to work?**
   - YES; Vehicle must have a working 12-disc Changer which remains connected and functional. (The A2D-C4 will not work without functioning factory 12-disc Changer)

2. **The 12-disc Changer in my C5 does not work, will I be able to use the A2D-C5 or is there another solution for music streaming?**
   - NO; if vehicle does not have a functioning 12-disc Changer, purchase our BLU-C5 (for music streaming) or C5-HF for both music streaming and hands free calls.

3. **Can I install the A2D-C5 at the radio instead of trunk/hatch?**
   - NO, The A2D-C5 connects installs to 10-pin plug at cd changer location. CD Changer (required) remains connected and functional.

4. **Can you explain what a CD Changer is?**
   - Sure, CD Changers are usually installed in remote areas of the vehicle (e.g. trunk, hatch, armrest, glove box, under seat etc.) and as the name implies; holds multiple disc (3-15) into a magazine. In recent times, many car manufacturers have built the CD Changer into the main radio (e.g. G-CD Changer/Radio). The C5 Corvette radio does not have a built-in CD Changer, therefore all references to CD Changer made herein are to the 12-disc Changer in trunk or hatch. To be clear; if only one disc can be loaded into the radio, it’s a single CD player not a CD Changer radio.

5. **Why can’t the module get its power from the 12V supplied to Radio or CD Changer?**
   - The 12V supplied to Radio or CD Changer is supplied directly from battery power (on at all times) and this Bluetooth module should not be powered at all times therefore a 12V accessory supply is required (e.g. yellow wire near BCM, fuse panel or elsewhere).

6. **Does the A2D-C5 module support hands-free phone calls?**
   - NO; The A2D-C5 does not support hands-free calls. Purchase our C5CD-HF (requires and retains CD Changer) or C5-HF (which does not require CD Changer).

7. **Does the A2D-C5 work with all model/year Corvette Radios?**
   - NO; this module works on 1997-04 Corvette (C5) Radios
   - “Tape AUX” or “CD AUX” button on faceplate and working 12-disc Changer (must have Changer), otherwise purchase our BLU-C5

8. **Bluetooth plays until turn signals, wipers, headlights etc. are switched on then Bluetooth cuts in/ out. Does this indicate a problem with module?**
   - This appears to be a vehicles power supply or wiring problem. If Bluetooth playback is interrupted only when an accessory (e.g. wiper motors, headlights, rear defroster etc.) is turned on, this clearly indicated the added load is affecting the circuit to which the module is connected. This should not happen under normal conditions but if it does occur consider relocating accessory wire (RED) to alternate ACC power supply location or seek professional help.

9. **How do I switch from streaming to CD Changer playback?**
   - Bluetooth streaming has priority (by default), and in order to listen to the CD Changer you must disable Bluetooth from audio device (e.g. Smartphone). Once disabled, the module switches to allow CD Changer playback.

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

For additional questions, email support@discountcarstereo.com

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