



PORSCHE



AZDIY-CR12

QUICK START BLUETOOTH INSTALLATION GUIDE FOR PORSCHE CR-1 AND CR-2 RADIOS

Created January 16, 2016
Revised November 17, 2021

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

Porsche CR-1 or CR-2 radio

Introduction

If looking to add Bluetooth® features to Porsche CR-1 or CR-2 radios you should consider the A2DIY-CR12 adapter kit. This revised easy to install kit is essential to adding Bluetooth® features to older Porsche vehicles while keeping everything stock. This "triple play" module supports aptX "CD-like" high quality audio for streaming music and sounds great for **(1)** mobile conversations, **(2)** streaming Pandora, Sirius radio, Apple music, audiobook, podcast and **(3)** CD changer retention OR an AUX input for vehicles without changer. Use included media remote control to adjust Smartphone: volume, track up/down/pause and more and can be mounted to steering wheel or dashboard. In addition, an optional "Smart charger" kit helps to keep devices charged while on the road. Thanks to the A2DIY-CR12 kit, Porsche owners can update to Bluetooth® without changing original radio.

Warning: Porsche CR-1 and CR-2 radios are coded and will not operate without the code. Do not proceed with step 7 if radio code is unavailable otherwise radio will not operate upon reconnection.

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

Installation 1

Use these steps for vehicles without CD changer or if changer is no longer wanted and/or disconnected.

Radio removal required to gain access to connectors.

Remove trim ring and ensure both tabs are centered at which point radio is pulled from dash (grasping the cassette opening provides some leverage) or push from rear.

1. Connect 13-pin adapter plug (See **Fig. 1**) to radio 13-pin **connector** (See **Fig. 2**)



Fig. 1



Fig. 2
radio connector

2. Connect supplied 3.5mm audio cable (See Fig. 3) to module "AUX" jack (See Fig. 4). Route audio cable other end to dash area or wherever Aux device will reside (within 3 ft.)



Fig. 3
Audio cable



Fig. 4
Module

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



Fig. 5
Microphone



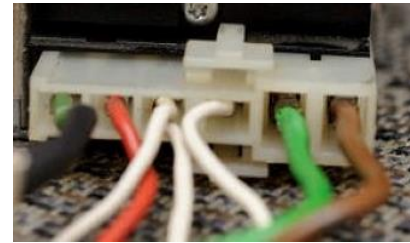
Fig. 6
Visor clip

4. Route microphone cable down pillar, under steering column and into radio cavity.
5. Connect microphone plug to Module "MIC" input jack (See Fig. 4)
Be cautious not to damage or cut both microphone cable.

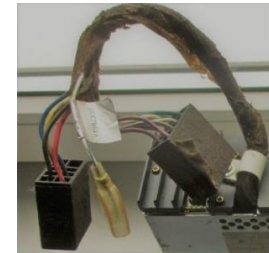
6. Porsche CR-1 and CR-2 radios have two possible wiring configurations that varies based on vehicle (See Fig. 7). The A2DIY-CR12 module ships with power harness seen in Fig. 8

Module accessory wire (power) connection:

- Radios with 8-pin iso plugs (See Fig. 7) proceed to step 7
- Radios with 5-pin power plug proceed to step 9



5-pin plug



8-pin ISO plug

Fig. 7

Radio plugs

7. CR-1/CR-2 radios with 8-pin ISO:
Disconnect factory 8-pin plug from radio and mate with to 8-pin connector on power harness. (See Fig. 8)
8. Connect power harness 8-pin plug (See Fig. 8) to radio 8-pin connector vacated in step 7 (See Fig.7)



Fig. 8

Power harness

9. **CR-1/CR-2 radios with 5-pin plug (See Fig. 7):** Cut red wire from power harness (See Fig. 8) and tap to ACC (GREEN) wire on 5-pin plug seen in Fig. 7 (color may vary but pin position remain the same)
10. Discard power harness (See Fig. 8)
Proceed to "Pairing" section on page 6

Installation 2

Applies to vehicles with CD changer

CD changer must be in working order. If for some reason CD malfunctions, the A2DIY-CR12 will not work.

Radio removal required to gain access to connectors.

Remove trim ring and ensure the 2 tabs are centered at which point the radio is pulled out the dash (grasping the cassette opening provides some leverage) or push from rear. Proceed with step 1 below

1. Disconnect factory 13-pin CD changer plug from radio
2. Connect factory 13-pin plug to module 13-pin connector (See **Fig. 10**)
3. Connect module 13-pin plug (See **Fig. 9**) to radio 13-pin connector vacated in step 1 (See **Fig. 2**)



Fig. 9



Fig. 10
module 13-pin connector

4. Proceed to step 3 on page 3 to complete the rest of the installation

Optional charging port



This fast charge USB kit can be added to any vehicle. It supports BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Apple, Samsung, Huawei etc.)
Note: iPhone "Fast charge" kicks in when battery capacity is between 0-79%, and return to regular charge mode when it reaches 80%.

Should you decide to add to car, we suggest one of 3 connecting options:

- A. Flush to dash/panel requires drilling a 3/4" hole**
- B. Flush with Support bracket** (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. 11**)



Fig. 11
Step drill bit

2. Insert supplied 3ft. USB male terminal (See **Fig. 12**) through hole created in step 1 and connect to install harness USB port (See **Fig. 13**)



Fig. 12
Flush mount 3 ft. USB cable



Fig. 13
installation harness USB port

3. Snap USB extension cable head (See **Fig. 14**) in place and flush with mounting surface (See **Fig. 15**)



Fig. 14
USB head



Fig. 15
Flush mounted

4. 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 USB support bracket (See **Fig. 16**) to surface using adhesive/tape or screws (included).

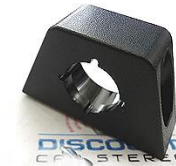


Fig. 16
USB mounting bracket

2. Insert male terminal through hole in bracket (See **Fig. 17**) and connect to module USB port (See **Fig. 13**)



Fig. 17

3. Snap USB head (See Fig. 17) to bracket until flush (See Fig. 18)



Fig. 18

4. Connect **BLACK** wire to ground (radio chassis, radio ground wire etc.), and **RED** or **YELLOW** to accessory or battery supply. Your choice!

Accessory connection: charging is possible with ignition/engine "ON".

Battery connection: charging is possible at all times.

Tuck away any extra wires and verify **BLUE** LED is lit.

Bluetooth media button

Pairing: Ensure Bluetooth is enabled on your device (e.g., Smartphone/Tablet etc.)

Press and hold pause/play until Blue LED begin flashing

Scan smartphone for available devices and select **BT009** from list. (Blue LED turns off).



Installing:

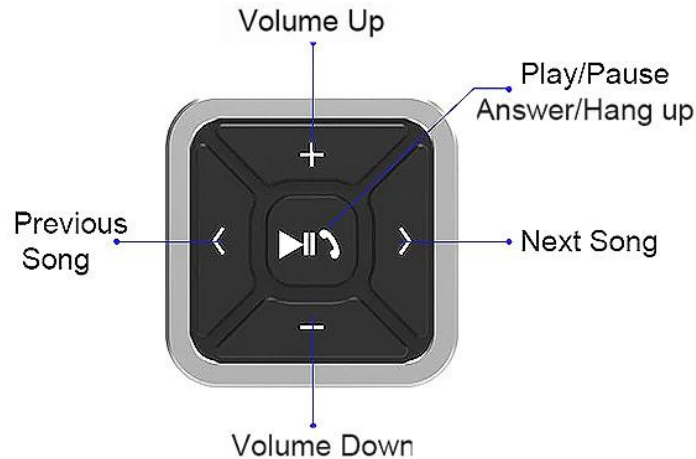
Attach the button to steering wheel (includes holder) or attach to dashboard using included double-sided tape – your choice.

Because the media button pairs with your Smart device, it can also be used at home, in the park or wherever you decide to play your tunes.

Operation:

Once paired with smart device (e.g., Phone, Tablet, etc.), users may perform the following functions on iOS with Bluetooth 3.0 and later or Android 4.0 or later.

Media button functions applies to smartphone NOT the C5 radio.



Charging:

Media button built-in rechargeable 200mAH battery may last up to 10 days.

Connect included USB cable to charge charging port at the back.

Red LED indicates charging; A full charge is reached after 2 hours at which time LED turns off.



Pairing module

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

1. Turn ignition and radio "ON"
Blue LED through module peephole will flash (pairing mode)
2. On A2DP device: go to **Bluetooth Settings, Tap Scan/search**
3. Wait for Bluetooth device name (See Fig. 19) to appear and tap it.
Once paired confirmation tone is heard on car speakers

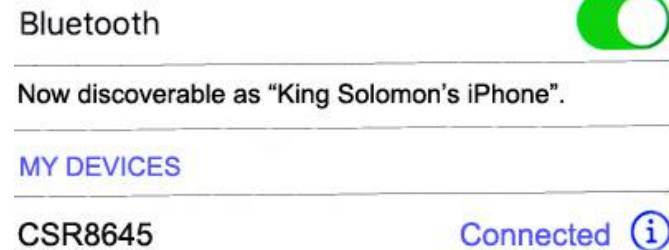


Fig 19

Operation

1. Turn ignition and radio "ON"
2. Press "CD" button on radio
3. Launch smartphone music streaming application
4. Use media remote to change tracks, adjust device volume, pause etc.
5. Place test call or ask someone to call. Use media remote **Pause/play** button to end call.

Note: Media button is used to answer/end calls and switch between Bluetooth and CD playback (if retaining CD changer) or between Bluetooth and AUX (not retaining CD changer)

6. **To listen to CD's** simply pause streaming or disable Bluetooth and operate CD changer from radio buttons as customary.
7. If correct operation is confirmed go ahead and reinstall radio.

Warning: Playlist, Track selection, display name/number are *NOT* possible from radio. Use audio device built-in controls or optional wireless remote to access and control audio files and applications.

Frequent ask questions & troubleshooting

1. **What is the difference between the A2D-CR12 and A2DIY-CR12?**

The A2DIY-CR12 includes music streaming Hand-free calls and AUX. The A2D-CR12 requires CD changer and supports music streaming but does not support hands-free calls.

2. **Does the A2DIY-CR12 work on all Porsche radios?**

Works on Porsche CR-1 and CR-2 radios only

3. **Will radio display call number or song name?**

NO. These features are not possible on these radios.

4. **Is it possible to control smartphone from radio buttons?**

NO; Use smartphone built-in controls, remote control or smartphone voice commands. Use radio volume button to set playback level.

5. **I selected CD changer retention option but how do I listen to CD's?**

Press **CD** button on radio then press Play/Pause on remote control. CD will play. To return to streaming press Play/Pause button again.

6. **How do I listen to AUX device?**

Press CD button on radio, connect aux device to 3.5mm plug. **Play/pause on remote control. To return to streaming; press remote Play/Pause.**

7. **Will radio mute when call is made and/or received?**

Muting is only possible when radio is in "CD/Bluetooth mode. If in AM/FM mode; radio will not mute. To hear caller on car speaker; radio must be in "CD/Bluetooth" mode.

8. **My second phone does not pair or find Bluetooth module. What gives?**

Ensure **no other** phone is paired. Allow module to enter "**discovery**" mode at which point it will be ready for pairing.

Disclaimer

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

Email support@discountcarstereo.com

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