



A2DIY-CR12

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

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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:

Porsche CR-1 and CR-2 radios

Introduction:

If looking to add Bluetooth® features to Porsche CR-1 or CR-2 radios you should consider the A2DIY-CR12 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) AUX input. 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 is available 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:

The radio must be removed to gain access to wiring.

CR-1 and CR-2 radios do not require special removal tools, to remove:

1. Pry off plastic trim ring around the radio. (This exposes mounting points)
2. Locate flat plate with latch on either side of radio. These plates drop down and lock the radio into frame. (See Fig. 1)



Fig. 1

3. Use small flat head screwdriver or similar to raise plate (both sides) and simultaneously pull radio out from the dash. Grasping cassette opening provides some leverage or remove glovebox to push radio from rear.
4. If present, disconnect CD changer 13-pin plug from radio otherwise;
5. Connect 13-pin plug from module (See Fig. 2) to radio 13-pin socket (See Fig. 3/4)



Fig. 2



Fig. 3
13-pin socket



Fig. 4

6. Connect supplied 3.5mm audio cable (See **Fig. 5**) to module "AUX" jack (See **Fig. 6**). Route audio cable other end to dash area or wherever Aux device will reside (within 3 ft.)



Fig. 5
Audio cable



Fig. 6
Module

7. Secure visor microphone (See **Fig. 7**) to visor or headliner using included visor clip (See **Fig. 8**)



Fig. 7
Microphone



Fig. 8
Visor clip

8. Route microphone cable down pillar, under steering column and into radio cavity.
9. Connect microphone plug to "MIC" input jack (See **Fig. 4**)
Be cautious not to damage or cut microphone cable.
Proceed to "Pairing" section on page 5

Optional charging kit:



This fast charge USB type-C 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 $\frac{3}{4}$ " 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 $\frac{3}{4}$ " 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 head



Fig. 13

3. Snap USB 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.

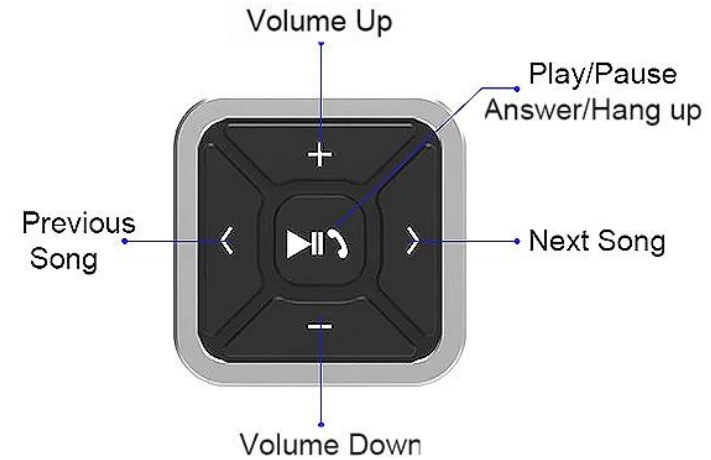
Bluetooth media button:

Pairing:

Enable Bluetooth on your device (e.g., Smartphone/Tablet etc.)

Press and hold pause/play until Blue LED flashes

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



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.



Installation:

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 does not operate Porsche radio.

Pairing Bluetooth 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 AZDP 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

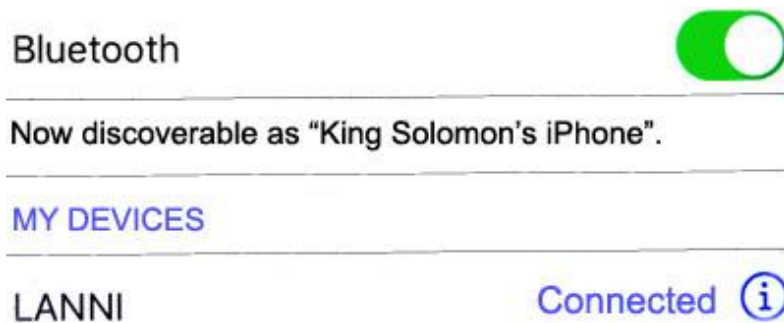
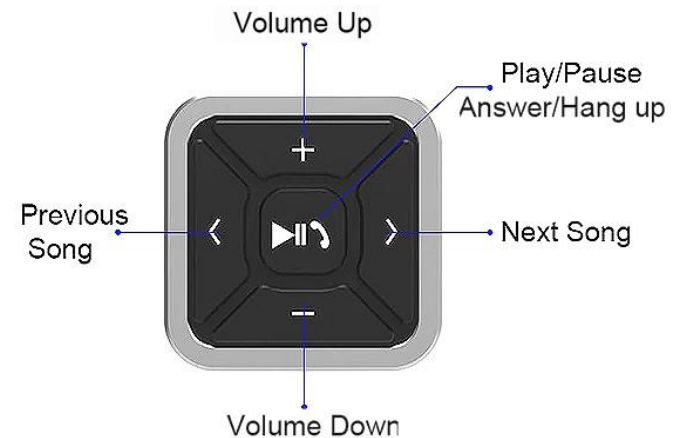


Fig 19

Bluetooth operation:

1. Turn ignition and radio "ON"
2. Press "CD" button on radio
3. Launch smartphone music streaming application
4. Set smartphone media volume to 90% 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 factory radio**
6. Place test call
7. Press media button **Pause/Play** to answer/end call
8. Press media button **Pause/Play** to switch between AUX 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 has playback priority.
3. *Media button does not control AUX device nor factory radio functions.
Use AUX device built-in buttons for music selection and controls.

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 BLU-CR12 and A2DIY-CR12?**
The A2DiY-CR12 supports both music streaming and Hand-free calling. The BLU-CR12 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. **My vehicle has a CD changer. Do I need to disconnect it?**
YES; this module takes the place of the CD changer.
6. **How do I listen to AUX device?**
Press CD button on radio, connect aux device to 3.5mm plug, press **Play/pause on remote control. To return to streaming; press Play/Pause again.**
7. **Will radio mute when call is made and/or received?**
YES; but only if 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

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