



BT5x-CDR30

QUICK START BLUETOOTH INSTALLATION GUIDE FOR PORSCHE CD30 AND CDR31 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

Requirements

PORSCHE CDR30 AND CDR31 RADIOS

Introduction

Most high-end car manufacturers exceed their client's demands in most regards but may lag behind technology when it comes to audio systems. Those wanting support for more attractive modern media formats, we offer the BT5x-CDR30. This kit is compatible with virtually all Bluetooth phones, and sounds great whether using for mobile conversations, streaming music or listening to an audio device (e.g., Mp3 player, Sat radio etc.) on Porsche equipped CDR30 or CDR31 radio. Optional USB "Fast charging" kit can be added to keep power hungry devices charged and optional.

Installation

Radio removal required to gain access to connectors. For radio removal instructions click [here](#) for radio removal [instructions](#).

1. With radio removed disconnect (press release tab) Green 12-pin micro-Quadlock (See **Fig. 1**)



Fig. 1
Radio connector

Warning: Dependent on factory options, The 12-pin micro Quadlock (**GREEN** and **BLUE**) pictured in **Fig. 1** may or may not be present. **GREEN** micro-Quadlock (if present) must be disconnected and replaced by **BLACK** micro-Quadlock plug (See **Fig. 2**) from install harness

2. Install harness **BLACK** micro-Quadlock to radio chamber vacated in step 1 (See **Fig. 2**)

Tip: Plugs are "keyed" which ensures proper fitment.

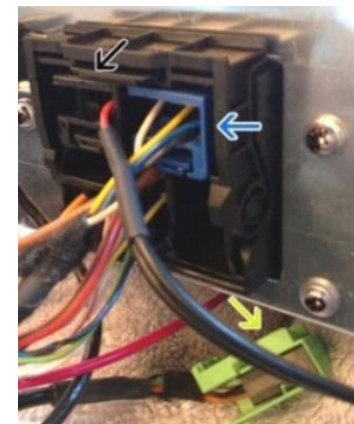


Fig. 2
Green micro-Quadlock remains disconnected

- Secure black wire to ground. Use radio chassis screws to secure ground wire (See **Fig. 3**) or locate alternate ground source.

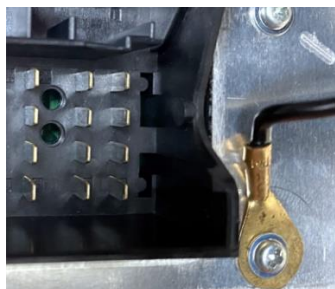


Fig. 3

- Run red accessory wire (See **Fig. 4**) to suitable 12V Accessory supply source in vehicle (e.g., fuse box etc. or suggestions below)



Fig. 4

Accessory wire

Suggested 12V accessory sources:

- In 968: Left foot well Fuse box at Row C, Fuse 1 (7.5A/15A)
- In 987: Kick Panel Fuse box at **Row B, Fuse 9** (7.5A)
- Alternate:** Remove hand-brake cover, locate **orange wire**. (See **Fig. 5**) To avoid battery drainage, ensure circuit to which you connect module 12V accessory wire is turning ON/OFF with key prior to finalizing. Voltmeter or test light recommended.
- Tap **WHITE** wire (**pin 12**) on radio main Quadlock (See **Fig. 6**). This is the antenna/amp turn on controlled radio ON/OFF button. **Please verify voltage remains @12V when radio is in "CD/AUX" mode.**



Fig. 5

harness below brake lever

Warning: Accessory wire must be connected to **accessory supply** otherwise kit will not work as intended. Remember Accessory supplies may also power other equipment and cause engine noise. Please verify voltage condition prior to finalizing. If necessary, purchase a Noise Filter (e.g., [NF3A](#))

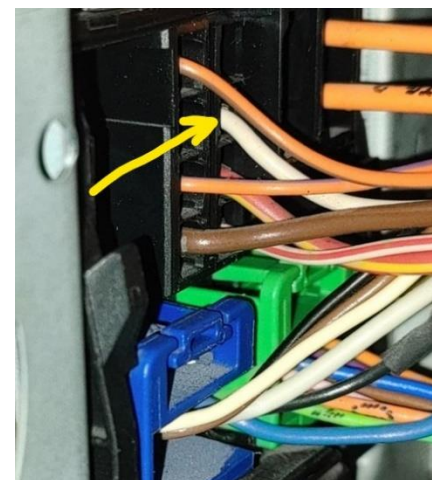


Fig. 6

- Use clip to secure microphone to headliner or visor (See **Fig. 7**)
- Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity.
- Connect microphone right angle plug to module "MIC" input. (See **Fig. 8**)
Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.



Fig. 7



Fig. 8

Exercise caution when routing microphone so to not damage the cable and ensure no ventilation ducts are pointed towards microphone.

Optional charging kit



Should you decide to add it, 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. Locate USB type-C port (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. At location of choice, mount USB support bracket (See Fig. 13) using tape or screws to secure bracket to flat surface



Fig. 13
mounting bracket

2. Insert USB cable through bracket hole (See Fig. 14) and connect to charging module (See Fig. 11)



Fig. 14

3. Snap USB head to bracket until flush (See Fig. 15)



Fig. 15

NOTES:

1. iOS devices require lightning to USB-C adapter cable (not included)
2. Android devices require USB-C to USB-C or Micro-USB cable (not included)
4. Connect **BLACK** wire to ground (radio chassis or ground wire), and **RED** or **YELLOW** to accessory or battery supply. Your choice!

Media remote control

Operation:

The included infrared remote allows users to perform the following functions:

Note: These remote-control functions apply to smart device not the factory radio.



Installation:

Attach the button to steering wheel or dashboard using included double-sided tape – your choice.

Battery:

A CR2025 battery is required for operation



Bluetooth pairing

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"
LED inside module peephole will flash rapidly (pairing mode)
2. On AZDP device: go to **Bluetooth Settings**
3. Select **Bluetooth** to enable
4. Tap **Scan for devices**.
5. Wait for Bluetooth device name (See **Fig. 18**) to appear and tap it. *Once paired confirmation tone is heard on car speakers*

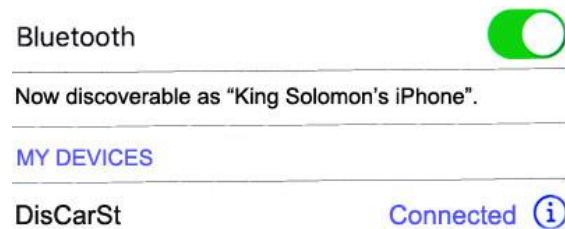


Fig. 18

Noteworthy: On Android devices it may be possible to change ID to something of your choosing. This may not be possible on newer iOS devices.

Operation

1. Turn ignition and radio "ON"
2. Repeatedly press **CD/AUX** button on radio until "AUX Mode" is displayed.
Alternately: To switch from CD to AUX by pressing "AUX" Soft key
3. Open music application on smart device (e.g. Pandora, Apple music etc.)
4. Use media remote to change tracks, adjust device volume, pause etc.
5. To accept phone call; press previous track button on media remote
6. To reject phone call; press next track button on media remote
7. If correct operation is confirmed go ahead and reinstall radio.

Warning: Caller ID/text is **not shown on radio display**. Operate Bluetooth device via wireless remote control, VR (voice recognition) or smartphone built-in controls. Use radio buttons for tone and playback level adjustments.

8. If successful go ahead and reinstall radio

Congratulations, you've just updated your vehicle to support new technology while preserving the original radio and dash components.
Enjoy!

Frequent ask question & troubleshooting

1. **My vehicle has factory hands-free kit. Do I need to disconnect it to use the BT5x-CDR30?**
YES; Factory Bluetooth (if present) must be disconnected.
2. **Does the BT5x-CDR30 work on all Porsche radios?**
NO; the BT5x-CDR30 is exclusive to Porsche with a CDR30 or CDR31 radio.
Not applicable to Porche Becker or PCM radios.
3. **Will radio display call number or song name?**
NO. Caller name, number etc. is not supported by this module.
4. **Is it possible to control smartphone music from radio buttons?**
NO; **Use smartphone built-in controls, wireless remote or voice commands.** Use radio volume button to set playback level.
5. **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. To hear caller on car speaker; radio must be in "AUX/Bluetooth" mode.
6. **My second phone does not pair or find Bluetooth module. What gives?**
Ensure module is not paired to another device. Allow module to enter "**discovery**" mode at which point it is ready for pairing.
7. **How to remove CDR-30 and CDR-31 radios from the dash?**
Click link below for help removing radio from dash.
<https://www.youtube.com/watch?v=dlrPQftUvAs>
8. **My module paired when first installed, but will not connect (pair) when entering vehicle. What can be done to fix this?**
It is possible accessory wire (RED) is connected to a battery source (**always on**) which explains why module paired initially but not thereafter.
Please use voltmeter or test light to ensure module is connected to 12V accessory supply or one **that turn off/on with ignition key or radio.**

Disclaimer

- This product has no affiliation with Porsche, Becker or Apple
- There are no warranties expressed or implied by purchase of this product
- We're not liable for misuse of this product.

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