# BT5x-CDR30

## QUICK START BLUETOOTH INSTALLATION GUIDE FOR PORSCHE CD30 AND CDR31 RADIOS

Created August 16, 2024
Revised: September 2, 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

## 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 while on the road. The included wireless remote is used to track up/down, accept/reject phone calls, adjust device volume all while keeping eyes on the road.

## Installation

Radio removal required to gain access to connectors. For radio removal instructions click **here** for radio removal **instructions**.

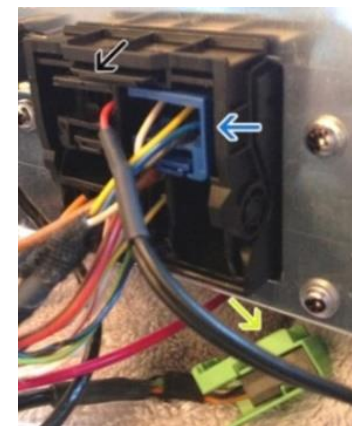1. With radio removed disconnect (press release tab) Green 12-pin micro-Quadlock (See **Fig. 1**)



**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
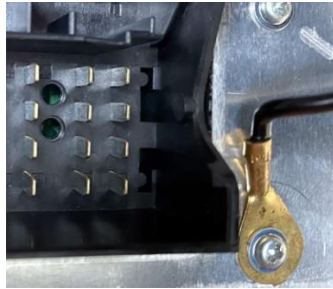
2. Install harness **BLACK** micro-Quadlock to radio chamber vacated in step 1 (See **Fig. 2**)
   Tip: Plugs are "keyed" which ensures proper fitment.



**Fig. 2**
Green micro-Quadlock remains disconnected

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


**Fig. 3**

4.  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:

1. In 968: Left foot well Fuse box at Row C, Fuse 1 (7.5A/15A)
2. In 987: Kick Panel Fuse box at **Row B, Fuse 9** (7.5A)
3. **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.
4. 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**

5.  Use clip to secure microphone to headliner or visor (See **Fig. 7**)
6.  Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity,
7.  Connect microphone 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**

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

Should you decide to add it, 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. Locate USB type-C port **Fig. 11**)
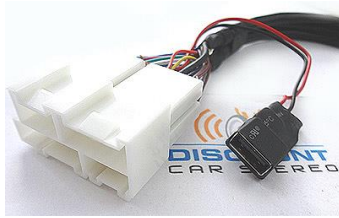4. Connect cable from step 2 to charger USB type C- port

**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.   Locate a flat surface at location of choice within 3 ft. of radio to mount USB support bracket (See **Fig. 13**)
2.   Use tape backing or screws to secure bracket to surface



**Fig. 13**

mounting bracket

3.   Insert USB cable through bracket hole (See **Fig. 14**) and connect to USB Type-C port (See **Fig. 11**)



**Fig. 14**

4.   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)
Android devices require USB-C to USB-C or Micro-USB cable (not included)

5.   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 devices; NOT the radio.**



**Installation:**

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

The battery (CR2025) has been installed upside down. Please flip battery when ready and remove will be ready for use.



## 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"
2. Go to smart device **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*
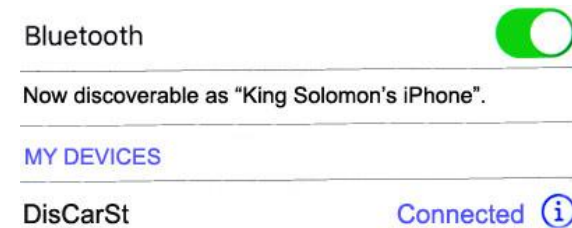


**Fig. 18**

**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: Switch from CD to AUX by pressing "AUX" Soft key
3. Launch streaming application (e.g. Pandora, Apple music etc.)
4. Use media remote to change tracks, adjust device volume, pause etc.
5. Place test call. Press **Pause/Play** on media remote
6. 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.

7. 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 Bluetooth. Does it require disconnecting?**
   **YES**; Factory Bluetooth (if present) must be disconnected.
2. **Does the BT5x-CDR30 work on all Porsche radios?**
   **NO**; the BT5x-CDR30 works on Porsche CDR30 and CDR31 radios only.
3. **Will radio display call number or song name?**
   **NO.** This is not supported on these radios.
4. **Is it possible to control smartphone music from radio buttons?**
   **NO; Use smartphone built-in controls, Bluetooth media 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 possible when radio is in "AUX/Bluetooth mode. If in any other mode (e.g. AM/FM); radio will not mute. Switch radio to "AUX" mode.
6. **My second phone does not pair or find Bluetooth module. What gives?**
   Ensure module is not paired with 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 does not connect (pair) when entering vehicle. What can be done to fix this?**
   It is possible accessory wire (RED) was connected to battery source (**always on**) which explains why module paired initially but not thereafter. Please ensure module is connected to 12V accessory supply or one **that turn off/on with ignition or the 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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