



CDR30-HF

Hands-Free and Music Streaming
Install Guide for Porsche CDR30/31 Radios

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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. Having an intuitive and easy to use Bluetooth kit is essential to reducing driver distraction. If your vehicle is fitted with Porsche CDR30 or CDR31 radio, our CDR30-HF is the kit you need to upgrade to Bluetooth features without changing the radio. This kit is compatible with virtually all Bluetooth phones, and sounds great whether using it for mobile conversations, streaming music or listening to a wired audio device (e.g. Mp3 player, Sat Radio etc.)

In addition, a USB Charging port is included to keep power hungry devices fully charged. One stylish control button (with built-in microphone) is conveniently installed on the dash to launch Voice Recognition application (Siri, Google Now, Assistant etc.), initiate phone calls or launch important applications. Thanks to the CDR30-HF Kit you can **keep the stereo and car you love** while enjoying Bluetooth features only available on High End PCM Navigation Stereos.

Installation:

Remove the CD R30/31 stereo from dashboard to gain access to the connectors. (Radio removal not covered in these instructions but may be available upon request)

1. With stereo removed disconnect (press release tab) on 12-pin green micro-Quadlock lug on main Quadlock (See **Fig. 1**)



Fig. 1

Factory Quadlock Plug and micro-Quadlock

Alert! Factory 12-pin micro Quadlock (**Green** for AUX and **Blue** for Bluetooth) are pictured above. These may or may not be present in your vehicle; however the Green micro-Quadlock (if present) must be disconnected and replaced with **black** micro-Quadlock plug from installation harness. (See **Fig. 2**)

2. Connect black 12-pin micro-Quadlock plug from installation harness to slot vacated in step 1 (See **Fig. 2**)

Tip: These plugs are keyed to ensure fitment to the right chamber.



Fig. 2

Green micro-Quadlock (if present) remains disconnected



Fig. 3

3. Red accessory wire comes pre-wired to large Quadlock. If for some reason the radio does not power Bluetooth module (upon turning ignition an radio on), **disconnect both male/female terminals from red wire and connect female terminal to male terminal on Accessory extension wire as seen in Fig. 4** (male terminal on main harness remains disconnected)



Fig. 4

Accessory extension wire

4. Run red Accessory extension wire (See **Fig. 4**) to suitable 12V Accessory supply source (e.g. fuse box etc.)

Suggestions:

1. Left foot well Fuse box at Row C, Fuse 1 (7.5A/15A) **986, 981**
2. Kick Panel Fuse box at Row B, Fuse 9 (7.5A) **987**
3. Or remove hand-brake cover and tap the **orange wire** (See **Fig. 5**)



Fig. 5

harness below brake lever

Warning: Do not connect Red wire to **constant (battery) supply**. Always connect to an **accessory supply wire** otherwise kit will not work as intended. Keep in mind Accessory supply is also available to other equipment and prone to noise. Check each possible circuit and select best option. If needed purchase a Noise Filter (e.g. [NF3A](#)) Always verify voltages prior to finalizing install.

5. Secure module and proceed to next section

Use "AUX" input on Module to connect any wired device (e.g. Mp3, Satellite Radio, etc.) Simply connect supplied (3ft.) Audio cable (See **Fig.6**) to Module (See **Fig. 7**) and route other end to dash area or location where audio device will reside (within 3ft.)



Fig. 6
3ft. Audio Cable



Fig. 7
Bluetooth Module

6. Connect control/mic (See **Fig. 8**) to blue jack on Module (See **Fig. 7**)



Fig. 8
Microphone/Control button

7. Consider where to install microphone/control button. Keep in mind control button must be within reach and facing driver (cable is 6ft. long). **We recommend completing the rest of the install prior to securing button to the dash.** Once a location has been decided upon, remove tape backing and secure to panel/dash



Tip: Make sure no ventilation duct is pointed towards the mic. It is best to mount button facing driver

A USB Charging port is part of the Module, should you decide to use, and we suggest one of 3 connecting options:

- A. Flush to dash/panel requires drilling a 3/4" hole in dash**
- B. Flush with bracket** (use this option to mount terminal to vehicle without drilling)
- C. Free standing** (default)

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. 9**)



Fig. 9
Step drill bit

2. Insert USB male terminal (See **Fig. 10**) through the 3/4" hole created in step 1 and connect to Modules USB port (See **Fig. 11**)



Fig. 10
6 ft. USB cable



Fig. 11
Module USB port

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



Fig. 12
USB head



Fig. 13
Flush mounted to dash

4. Tuck and secure any extra wire from moving parts and test operation (See **Enabling the AUX** section below)

B. USB with Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 6 ft. of radio to mount USB support bracket (See **Fig. 14**) using the adhesive backing or screws



Fig. 14
USB mounting bracket

2. Insert USB male terminal through bracket (See **Fig. 15**) and connect to Module USB port (See **Fig. 11**)



Fig. 15

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



Fig. 16

4. Tuck and secure any extra wire away from moving parts and test operation (*See Initial Radio Setup*)

C. Un-Mounted (Free Standing) Terminal

You may opt to connect your USB charging cable including those included with Apple, Samsung products. (This port is for charging only)

Radio cavity in most vehicles may lack extra room needed to fit aftermarket equipment and because of that you will have to be creative. Extra length cables are provided to allow for flexibility.

Secure module and proceed to section to next step.

Enabling CDR-30/31 Radio AUX function

Press the **CD/AUX** button on Radio repeatedly until "AUX Mode" is displayed. Alternately: To switch from CD to AUX press the "AUX" Soft key)

Bluetooth Pairing and Connection

This process is required the first time you use the Module. After initial pairing, the Module will automatically reconnect with paired phone upon turning on the radio/ignition. (Bluetooth must be enabled on your device for pairing to occur)

1. Turn Vehicle ignition to "ON".
2. LED inside module will flash
3. Access your Smartphone Bluetooth menu settings, and search (scan) for devices.
4. Select the G2 and click "Connect"



Note: Supports multiple phones but connects to one device at a time.

Warning! Caller ID and text display are **not possible in AUX mode**. Operating Bluetooth device is by pressing the control button, Voice Recognition application or device built-in controls. Use radio volume button to control playback level.

Bluetooth Operation

1. Set radio to AUX mode
2. Adjust Radio Volume

Music Commands

To	Proceed this way
Pause a Song	Press and release button
Resume Play	Press and release button
Skip to next song	Press button twice
Skip to Previous Song	Press button three times
Activate Aux input*	Press button four times
Activate Voice Control	Press/hold button for 2 seconds
Switch from Aux to Streaming Audio	Press and release button

Phone Commands

To	Proceed this way
Answer call	Press and release button
End call	Press and release button
Reject incoming call	Press button twice (call goes to VM)
Cancel outgoing call	Press button twice
Activate Voice Control	Press/hold button for 2 seconds

Tips:

1. If playback is distorted, adjust volume on Bluetooth device.

2. **To reset Module press and Hold button for 5 seconds** (this will not un-pair phone or erase stored phones)
3. On incoming calls, ring tone will play on car speakers
4. Bluetooth range is approximately 30 ft. make sure device is within range of receiver
5. Voice command compatible with Apple (Siri), Android (Google Now), Blackberry (Assistant)
6. *Audio controls not applicable in Aux mode. Use the Aux device built-in control for music selection and controls.

If successful go ahead and Reinstall the Radio

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

Frequent asked questions

- 1. My vehicle has factory Bluetooth. Does it require disconnecting?**
NO; Factory Bluetooth (if present) is not affected by this install, however your phone can only pair to one device at a time. So if vehicle has factory hands-free you can opt to pair with either.
- 2. Does the CDR30-HF work on all Porsche Radios?**
NO; the CDR30-HF works on Porsche CDR30 and CDR31 radios only.
- 3. Can I control Smartphone from the radio buttons?**
NO; Use the **control button and/or voice commands to command smartphone.**
- 4. How can I play a non-Bluetooth device (e.g. MP3 Player, Satellite Radio etc.) if the CDR30-HF connects to the Radio AUX port?**
The CDR30-HF includes a 3.5mm input jack for users to connect and play any audio device with a 3.5mm output. Press control button 4 times for module to enter "AUX" mode. Audio device will play on car speakers.
- 5. Where is the best place to install the control button/mic?**
Having the control button/mic mounted higher on the dash works best. Experiment different positions until you find one that works best.
- 6. Will the stereo mute when I receive or make a phone call?**
This system will **not mute** unless the radio is in "AUX" mode (Bluetooth mode). If you are in Radio Mode (AM/FM) and a call comes in, the station will continue to play. In addition, you must switch radio to "AUX" (Bluetooth Mode)
- 7. I'm not able to pair a second phone. Is there a trick?**
In order to pair a second phone make sure no other phone is connected. Once the device is free, it will be ready for pairing.

Disclaimer

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