

100 NW 11<sup>th</sup> street, Boca Raton, FL 33432 Tel. 561-955-9770 Fax. 561-955-9760

info@nav-tv.com

### PCM3BT

2009-up Porsche PCM3
BT / Backup Camera interface

## **Product Description**



Thank you for purchasing the PCM3BT, a multi-featured integration interface designed specifically for 2009-up Model Year Porsche Vehicles equipped with PCM3.

**Bluetooth:** All Porsche vehicles equipped with a PCM3 radio have support for hands-free Bluetooth telephony. However, vehicles not ordered with this specific feature can not be activated by Porsche dealerships. The PCM3BT enables Bluetooth hands-free Telephony as designed by Porsche and the radio Manufacturer.

**Backup Camera:** Vehicles not equipped with a Backup Camera can be retrofitted with a Camera in an OEM fashion. Programming is done via the PCM3BT interface, All required wiring is included; OEM and OEM-Grade Cameras are available separately from NAV-TV.







100 NW 11<sup>th</sup> street, Boca Raton, FL 33432 Tel. 561-955-9770 Fax. 561-955-9760

info@nav-tv.com

### PCM3BT

## 2009-up Porsche PCM3 BT / Backup Camera interface Operation Instructions

#### To Activate Rear View Camera

With the brake depressed and engine running, engage reverse gear.

Rear View Camera will show on radio screen.

#### To Set Up Rear View Camera Option

Select "INFO"

Select "OPTION"

Select features as required.

#### To Enable Trailer monitor or Front Camera (FLIR)

Double-Click "MUTE" on the steering wheel to force Rear view camera or front camera (if installed)

Double Click to exit RVC, Double click again to toggle rear-view camera and front view camera:

NORMAL > RVC > NORMAL > Front Cam > NORMAL.....

#### **To Bluetooth Hands-Free Telephony**

Press the PHONE Button, TALK or HANG.

Follow PCM owner's manual, page 52

#### Fig. 1 - Vehicle in Reverse



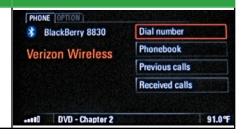
Fig. 2 - RVC Setup



Fig. 3 - Front / Rear Cam



Fig. 4 - Bluetooth





100 NW 11<sup>th</sup> street, Boca Raton, FL 33432 Tel. 561–955–9770 Fax. 561–955–9760

info@nav-tv.com

## PCM3BT Installation Instructions

#### **Remove Radio**

- Using a plastic trim tool, carefully pop out radio trim.
- 2. Remove 4 TORX T15 screws securing radio
- 3. Pull radio out and unplug ALL CONNECTORS.

#### Fig. 1 - Radio Removal (Cayenne)







Wiring - Plug and Play harness, Camera

- Remove Fiber connector from factory plug by releasing the latch and pulling the connector outwards. Plug Fiber connector into supplied plug and play harness connector.
- 2. If adding Rear-view Camera: Disconnect RCA passthru, connect camera video RCA to harness.

For your convenience, 3 wires are supplied to ease your camera installation:

White/Red = +12V Switched accessory out
White/Blue = +12V Switched toggle for Front cam / FLIR
Black = Ground (internally connected to radio ground)

Fig. 2 - Plugs at rear of Radio







#### **Wiring - Bluetooth Microphone**

- 1. Disassemble Lower right dash cover (1 x Torx T20)
- 2. Disassemble right A-Pillar sill (1 x Torx T25)
- 3. disassemble overhead console (4 x Torx T20 behind lamp cover and sunglass holder)
- 4. Run supplied microphone coaxial cable (12ft / 3m, white) to overhead console area, zip tie to factory harnesses along the way. Locate factory Microphone connector. It's a 4-pin plug with only 2 wires populated. Lift connector lock and insert Mic pins, Pin #2 to Shield (Black heatshrink), Pin #1 to Mic signal
- 5. Test for functionality and assemble in reverse order.

Fig. 3 - Bluetooth Microphone



















NOTE: We recommend wiring the supplied USB Cable and leaving it in an accessible location such as the glove box or behind the fuse box cover. Future upgrades such as Multimedia control, Video iPod support etc. must be done via USB.



100 NW 11<sup>th</sup> street, Boca Raton, FL 33432 Tel. 561-955-9770 Fax. 561-955-9760

info@nav-tv.com

## PCM3BT Programming Instructions

Note: Prior to programming, Shut the vehicle off and remove the key for 30 seconds, Then turn the key to IGN ON.

# 1. Programming, 2 seconds between actions 1. Press and hold VOL (+)



3. Release VOL (+)



1. Unprogramming, 2 seconds between actions



3. Release VOL (+)



2. Press and hold MUTE



4. Release MUTE, Press SEEK UP



2. Press and hold MUTE



4. Release MUTE, Press SEEK DOWN



NOTE: Once programmed, the PCM3BT can NOT be used in other vehicles unless the current vehicle is UNPROGRAMMED, restoring all functions back to factory setting.