

NAV-TV

INTERFACING THE FUTURE

3950 NW 120th Ave, Coral Springs, FL 33065 TEL 561-955-9770 FAX 561-955-9760

PCM3BT-997

Bluetooth interface for Porsche PCM3 radios

NTV-KIT176



BHM
05/08/14
NTV-DOC059
rB2

Overview

The PCM3BT 997 adds Bluetooth hands free calling to the factory stereo system in select Porsche vehicles.

Kit Contents



Plug & Play
T-Harness (w/ MIC
Harness)
NTV-HAR102



PCM3 BT Module
NTV-ASY107



USB Cable (updates)
NTV-CAB009

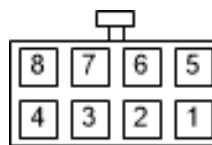
Porsche Microphones optional

Porsche MIC
NTV-MIC028

Porsche MIC
NTV-MIC027

PCM3BT-997 Pin outs

Pin #	Description	Color
1	--Not Used--	White/Blue
2	12v (+) Constant	Red
3	CAN LO (vehicle side)	Blue
4	CAN HI (vehicle side)	Yellow
5	--Not Used--	White/Red
6	Chassis Ground (-)	Black
7	CAN LO (radio side)	Blue
8	CAN HI (vehicle side)	Yellow



Wire Side



Agreement: End user agrees to use this product in compliance with all State and Federal laws. NAV-TV Corp. would not be held liable for misuse of its product. If you do not agree, please discontinue use immediately and return product to place of purchase. This product is intended for off-road use and passenger entertainment only.

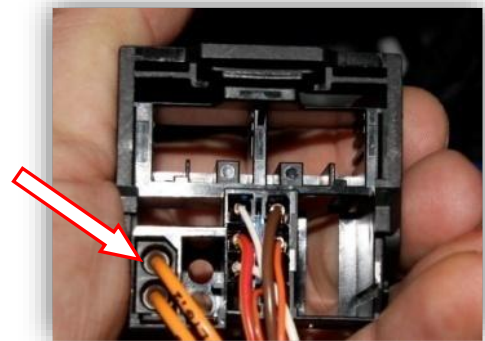
Radio Removal

1. **Before removing radio, confirm that the radio displays 'CURRENT SYSTEM' when you press 'INFO' & 'SOURCE' together** (if not, this kit is NOT compatible).
2. Remove the Torx t27 screw on each carpeted panel that sits in front of the leather side panels (on the sides of the radio).
3. Remove the now exposed (2x) Torx t20 screws on each leather panel on each side of the factory radio.
4. While sitting in the driver's seat, pull each panel straight towards you (or towards the rear of the vehicle) to expose the sides of the radio.
5. On each side of the radio, close to the front of the radio, there are (2x) Allen screws. Turn each of these screws **counter clockwise** 1/4 turn or until they stop. When all 4 screws have been turned, the radio will be free to pull straight out of the sub-dash.
6. Remove radio, disconnect all plugs and set the radio aside.



PCM3BT-997 Interface Installation

1. If present, remove the factory fiber connector from the factory 44-pin plug by gently prying up on the locking tab with a pick tool.
2. Connect the factory fiber optic connector (from step 1) to the male side of the provided **Plug & Play T-Harness** at the proper port (it is keyed and will only connect in one direction).
3. If there is a mini plug located on the factory 44-pin harness (circled, right), it must be removed and re-inserted into the male side of the provided **Plug & Play T-Harness** at the proper port.
4. Connect the factory 44-pin plug to the female end of the provided **Plug & Play T-Harness** and lock it into place.

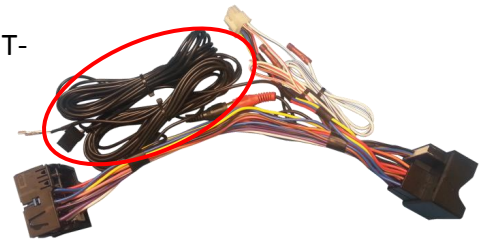


5. Connect the provided **PCM3BT Module** to the 8-pin Molex plug located on the **Plug & Play T-Harness**.



6. Remove the factory steering wheel shroud assembly which may or may not contain the **factory BT microphone(s)**.

7. Run the **Microphone cables** (attached to the Plug & Play T-Harness) out of the back side of the radio opening and to the steering wheel shroud assembly (removed in step 6).

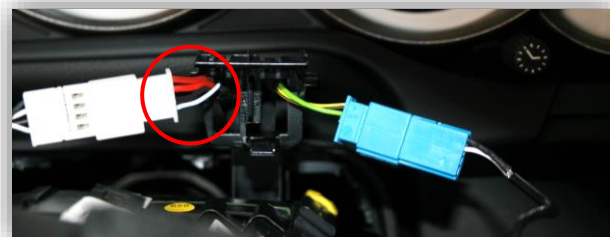


8. The underside of the Porsche 997 steering shroud is shown here (right). You may or may not have both factory microphones pre-installed, you will need both for the **PCM3BT 997** to function properly. **Contact NAV-TV if you need these Microphones.**



If the left MIC only has 2 wires at the plug (instead of 4), it must be replaced.

9. Connect the female side mic cables (with the pins) to the mic with 2 wires missing from its connector. Match the colors (white/gray) to the other side of the connector.

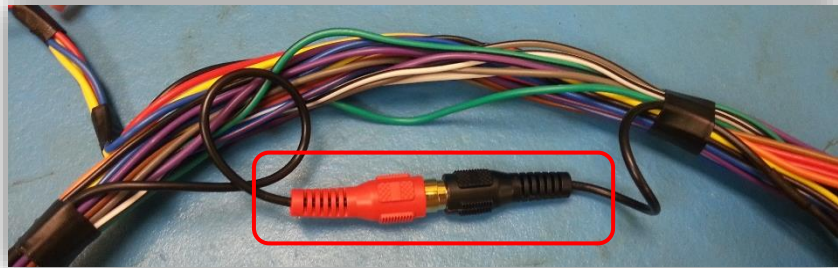


10. Connect the other provided microphone connector (from the T-Harness) to the mic with only 2-pins (red connector).



11. Clip each mic to its (keyed) resting place on the steering shroud.

12. Connect the RCA's together located in the middle of the provided **Plug & Play T-Harness**. If you fail to do this, you will lose your reverse camera image! (If equipped)



13. Connect the free end of the provided **Plug & Play T-Harness** to the radio. Connect the remaining plugs to the radio and proceed to **Programming** (next section).

PCM3BT-997 Programming

1. Prepare the vehicle for programming:
 - a. Turn the **key ON (don't start)**
 - b. Turn the **headlights ON**
 - c. Engage the **Parking Brake**
 - d. Hold down the **Brake Pedal**
2. **Flash the high beams (1 per second):**
 - a. Either 4 or 8 times (vehicles with navigation)
 - b. 10 times (vehicles without navigation)
 - c. The radio display will display 'Service' and then it **must** reset back to the Porsche logo.

If this module is ever removed from the original vehicle you must first de-program it!

De-Programming:

1. Repeat step 1 from programming.
2. **Flash the high beams 6 times.**

After 4 flashes, if 'Loading Maps' message does not go away after about 1 minute, repeat this procedure with 8 flashes instead of 4.