

**blueLOGIC® hands-free kit**

**BT-POR01**

**for Porsche PCM 2.1 navigation systems**

**Bluetooth®-hands-free phone kit fully integrated in the vehicle infotainment**



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## Information

Changes of the vehicle software can cause malfunctions of the interface. We offer free software-updates for interfaces for one year after purchase. To receive a free update, the interface must be sent in at own cost. Labor cost for and other expenses involved with the software-updates will not be refunded.

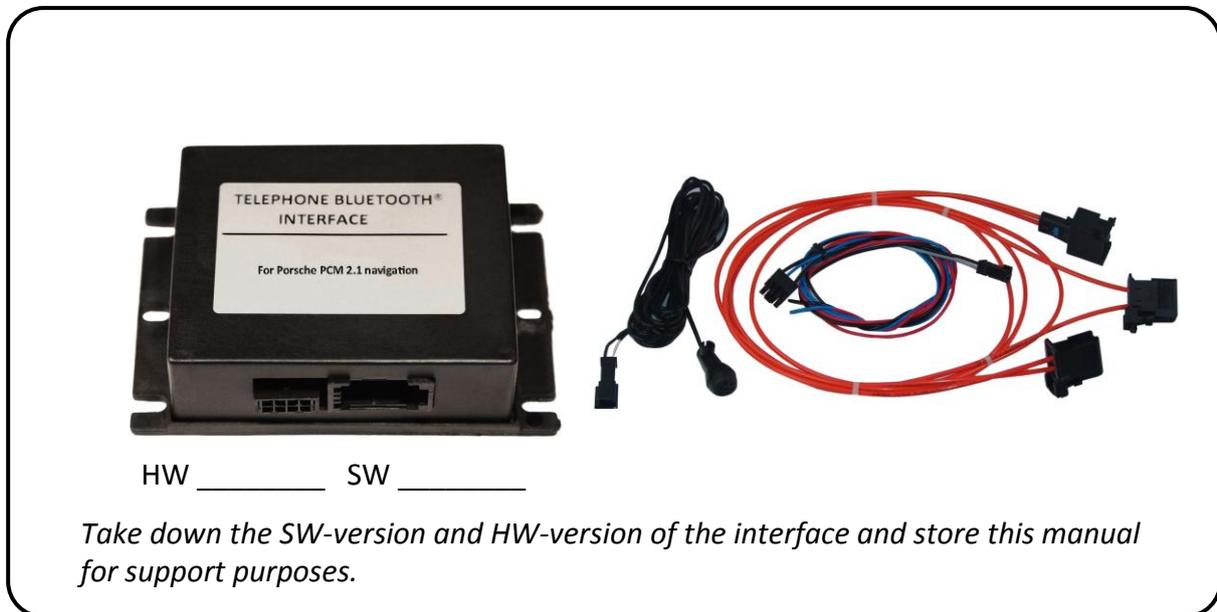
## Product features

- Integration in and controls through the telephone port of the factory infotainment
- Updatable Parrot chipset with best audio quality and high phone compatibility
- Automatic radio mute
- Caller audio through vehicle sound-system
- External microphone with amplification adjustment through infotainment
- A2DP audio streaming through CD-changer emulation (requirement: mobile phone supports function, factory CD-changer coded but not installed).
- up to 10 mobile phones can be paired simultaneously
- Use of factory/vehicle buttons to control phone functions
- Mobile phone book integration (about 400 call numbers)
- Audio adjustment and settings through vehicle infotainment
- SMS reading and writing if supported by mobile phone

## 1. Prior to installation

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources.

### 1.1. Delivery contents



### 1.2. Checking the compatibility of vehicle and accessories

<b>Requirements</b>	
<i>Vehicle</i>	Porsche 911, Boxster, Cayenne
<i>Navigation</i>	PCM 2.1 with <b>SIM-Card-Slot</b> (PCM without SIM-Card-Slot not compatible)
<i>Fibre optical ring</i>	On vehicles without fibre optical component, the fibre optical ring needs to be activated by diagnosis computer
<b>Limitations</b>	
<i>Factory telephone kit</i>	must be removed if installed
<i>Factory CD-changer</i>	factory CD-changer must NOT be installed, if A2DP shall be used

## 2. Installation

**Switch off ignition and disconnect the vehicle's battery! The interface needs a permanent 12V source. If according to factory rules disconnecting the battery is to be avoided, it is usually sufficient to put the vehicle in sleep-mode. In case the sleep-mode does not show success, disconnect the battery with a resistor lead.**

**If power source is not taken directly from the battery, the connection has to be checked for being start-up proven and permanent.**

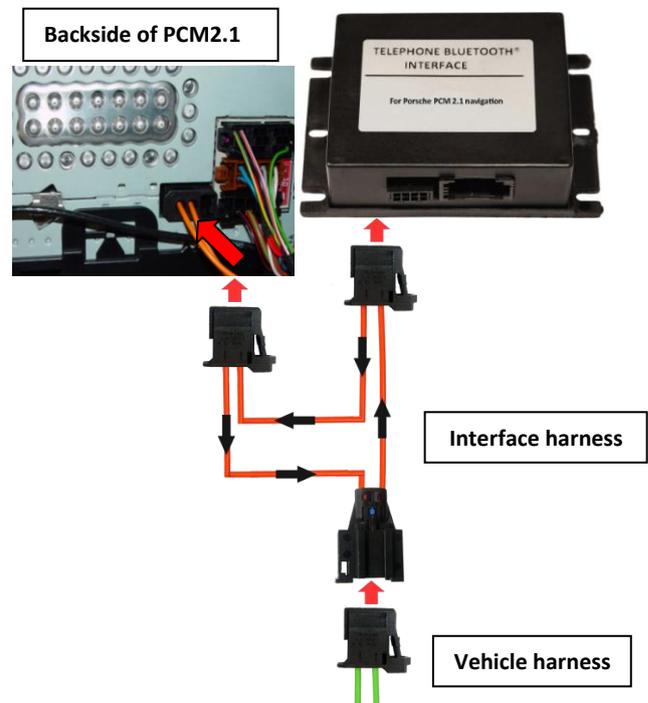
### 2.1. Place of installation

The interface is installed on the backside of the PCM unit. Remove the plastic cover and loosen the 4 torx screws. Pull out the PCM.



### 2.2. Connections

Remove vehicle harness' fibre optical connector from the PCM and plug it into the interface harness' fibre optical socket. Of the two interface harness' fibre optical connectors, plug one into the interface box and one into the PCM fibre optical port.



Connect red and black wire to permanent +12V source. Connect blue to +12V to enable CD-changer emulation for A2DP. A2DP requirement is that the factory CD-changer is NOT installed (optionally a switch must be installed) .

Wire color	Definition
● Black	Ground
● Red	+12V DC (permanent)
● Blue	to +12V = CDC-emu on (switch optionally)

Install the microphone close to the driver. Connect the microphones 2 Pin AMP jack to the 2 Pin AMP jack bush of the blueLOGIC® harness.

### 2.3. Activation of fibre optical ring and interface

If the vehicle has no fibre optical component installed, the fibre optical ring is not activated. In this case it needs to be activated by diagnosis computer. In some cases, it becomes necessary to put the vehicle in sleep mode to enable correct function of the 6<sup>th</sup> phone.

After first installation the vehicle must go into sleep-mode in order to recognize the newly attached hardware.

After re-connecting the battery, lock the vehicle and wait for 5 -10 minutes.

## 3. Interface operation

The interface enables the telephone bus of the factory navigation system. Therefore in principal, the operation is analogue as described in the manual of the navigation system.



### 3.1. Pairing the blueLOGIC® interface with a mobile phone

Up to 10 mobile phones can simultaneously be paired with the blueLOGIC® interface. If a 11<sup>th</sup> phone is paired, the oldest entry is automatically deleted. In some cases, it becomes necessary to put the vehicle in sleep mode to enable correct function of the 11<sup>th</sup> phone. For pairing, enable the pairing mode of the mobile phone (see manual of the mobile phone). Search with the mobile phone for „blueLOGiC“ or „CK5050N“ and connect with activation code „1234“.Some mobile phones try to connect to the blueLOGiC® interface with another function as "hands free". Check this attitude and switch the adjustment to "hands free" if necessary (see manual of the mobile phone).

If a mobile phone had been paired to the blueLOGiC® interface (requirement is an occurred pairing with a mobile phone, see above), a connection will be automatically established as soon as the mobile phone is in reach. If multiple paired mobile phones are simultaneously in reach, the blueLOGiC® interface will be connected to the first phone.

**If you have connection problems between mobile phone and the blueLOGIC, first check at the parrot website whether an update for the parrot chip is available. The part number of the parrot chip can be found in the specifications at the end of the manual.**

### **3.2. Loading of phone book**

After each establishment of connection to the mobile phone, the phone book of the mobile phone will be loaded to the vehicle infotainment.

Depending on the mobile phone either it will be loaded from the phone's memory or the SIM card. This process can take a few minutes. **If the phone book is no or not completely loaded, it might be necessary to copy the contacts from the SIM-card to the mobile phone memory!**

Some mobile phones do not automatically load the phone book to the infotainment, but the sending must be manually initiated (the procedure varies depending on the mobile phone, z.B. "send phone book to Bluetooth").

The manual procedure must be repeated for refreshment if the mobile phone's contacts have been edited.

The memory of blueLOGiC® interface can save about 400 call numbers.

### **3.3. Setup, factory defaults, update**

Settings of the blueLOGIC® interface can be changed by dialing certain codes in the vehicle telephone mode. Caller audio volume, Ringing tone volume and microphone sensitivity can be adjusted separately. The interface can be reset to factory defaults and updates of the Parrot chipset can be initiated.

To execute a function, just dial the corresponding code from the below table like a phone number and confirm with "pick-up".

<b>Function</b>	<b>Code no.</b>	<b>Min</b>	<b>Max</b>
Microphone sensitivity	<b>+001xx</b>	<b>01</b>	<b>15</b>
Caller audio volume	<b>+0021xx</b>	<b>01</b>	<b>15</b>
Ringing tone volume	<b>+0022xx</b>	<b>01</b>	<b>15</b>
Factory defaults	<b>+009</b>		
Parrot Update Mode	<b>+000</b>		

To the codes for volume and sensitivity it is necessary to add two digits for the desired value (01 min. to 15 max.). For example dial "+002112" to set the caller audio volume to level 12. After dialing a code, the navigation will confirm with "call failed".

System updates of the Parrot chipset are possible through Bluetooth® via PC.

### 3.4. A2DP audio streaming through CD-changer emulation

When the CD-changer emulation of the blueLOGIC® interface is entered, it is possible to listen to music files on the factory sound system which are played by the mobile phone. The available options to control the play functions of the mobile phone depend very much on the mobile phone, for example iPhones® do not support any track skipping. Full functions are starting and stopping the playback, next track and previous track.

If the vehicle CD-changer mode of the vehicle's navigation/radio system is activated, the A2DP playback is automatically started (while a virtual CD 1 with 4 tracks is shown). When the CD-changer mode is exited, the A2DP playback is stopped. The playback is paused during phone call activity. The 4 tracks on the virtual CD are "play", "stop", "next" and "prev". Just confirm a track to execute the corresponding function. Track skipping is also possible with the "next" and "back" keys of the steering wheel or the head-unit. The volume level of the A2DP can be adjusted in the mobile phones settings.

## 4. Specifications

Integrated Bluetooth® Chip	Parrot CK5050new
Operation voltage	10.5 – 14.8V DC
Stand-by power drain	<1mA
Operation power drain	120mA
Power consumption	1.8W
Temperature range	-30°C to +80°C
Weight	95g
Dimensions (box only) B x H x T	106 x 30 x 71 mm

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