

## **TV-Free**

Video-in-motion Interface

**CTVIMPO02**

**for Porsche  
PCM 3.0 navigation systems**

### **Legal Information**

By law, watching moving pictures while driving is prohibited, the driver must not be distracted. We do not accept any liability for material damage or personal injury resulting, directly or indirectly, from installation or operation of this product. This product should only be used while standing or to display fixed menus or rear-view-camera video when the vehicle is moving, for example the MP3 menu for DVD upgrades.

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## 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

*Take down the SW-version and HW-version of the interface boxes, and store this manual for support purposes.*

HW\_\_\_\_\_ SW\_\_\_\_\_



## 1.2. Check compatibility of vehicle and accessories

### Requirements

*Vehicle* Cayenne E1, 911, Boxster, Cayman

*Navigation* PCM 3.0

### Limitations

Internal DVD video cannot be watched!

## 1.3. Setting the Dip-switches

With factory rear-view camera Dip 1 OFF, Dip 2 ON, Dip 3 ON

Without rear-view camera or  
with after-market rear-view cam. Dip 1 ON, Dip 2 ON, Dip 3 ON



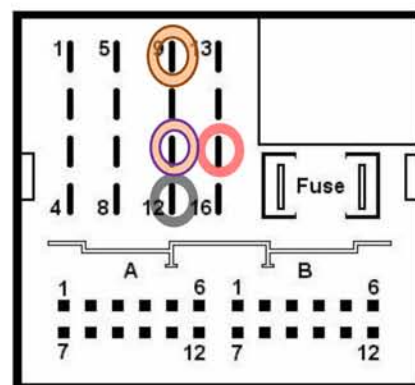
## 1.4. Pin-assignments

### Pin-assignment vehicle connector

● Red	+12V permanent	Pin 15
● Black	Ground	Pin 12
● Orange/Purple	CAN High	Pin 9
● Orange/Brown	CAN Low	Pin 11

### Pin-assignment of the interface (Molex 8pin)

● Red	+12V permanent	Pin 4
● Black	Ground	Pin 8
● Yellow	CAN High Navi	Pin 1
● Blue	CAN Low Navi	Pin 2
● Yellow/Black	CAN High Vehicle	Pin 5
● Blue/Black	CAN Low Vehicle	Pin 6



## 2. Installation

**Switch off ignition and disconnect the vehicle's battery! If according to factory rules disconnecting the battery has 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.**

1. The video-in-motion interface has to be installed in the back of the navigation unit. It is necessary to unmount the navigation unit.
2. Remove Quadlock connector from the navigation computer and connect it to Harness supplied
3. Remove the both 12pin inserts from the original Quadlock connector and connect them together with the optical leads to the Harness supplied. Connect the interface to the navigation computer.



PCM 3.0




## 3. Activation of the video-in-motion function

The video-in-motion function is activated permanently without disturbing the navigation performance.

#### 4. Specifications

Operation voltage	10.5 – 14.8V
Stand-by power drain	>1mA
Operation power drain	~60mA
Power consumption	~0,72W
Temperature range	-30°C bis +80°C
Weight	44g
Measurements (box only) B x H x T	70 x 20 x 47 mm

CE  12V DC