

## General

The NavInc interfaces allow for connecting video sources to the original PCM4 system of Porsche.

The interface ensures that an input is created on the original navigation system, on which various external video sources can be connected (e.g. DVD player, DVB-T TV, iPod, reversing camera, external navigation systems, etc.). The images will be displayed on the navigation screen. The audio of the video sources must be submitted via an AUX input or FM modulator.



## Features

- # RGB input (Connecting external navigation system)
- # 2x Audio/Video input (connect video sources, TV / DVD / iPod)
- # Camera input (connecting reversing camera)
- # Front camera input
- # Video output (connect headrest screens)
- # NTSC support
- # Audio output (audio link to the original audio system)
- # Image retention while driving
- # Adjustable parking lines
- # iPAS functie (intelligent Park Assist System)
- # Can be extended with touch screen (controls of A/V source via touch screen)

## Activation

It is possible to switch between the video sources with the delivered button and/or remote control or through the steering wheel button:

### **HOME button**

*HOME button short: back to OEM*

*HOME button long: toggle between RGB-AV1-AV2-OEM*



## OSD menu

Through the interface menu, various settings can be adjusted for optimal image, namely;

- Tint
- Brightness

- Contrast
- Sharpness
- Display position

### **Camera function**

Via the camera input of the interface an aftermarket camera system can be connected to the navigation system. The camera image will be displayed automatically on the screen when the car is put in the reverse gear.

### **Parking guidelines**

In the camera image on screen parking guidelines can be displayed. This makes it much easier to determine the distance to the object you are driving towards. The guidelines are adjustable horizontal as well as vertical so the lines can be adjusted to the car.

### **Intelligent Park Assist System (IPAS)**

The interface have also the Intelligent Park Assist System (iPAS). With this function the guidelines will respond on the steering wheel position. The guide lines are adjustable horizontal and vertical via the interface OSD menu.

### **Front camera**

Via this input it is possible to connect an aftermarekt front camera. The camera image will be displayed automatically on the screen when the car is leaving the reverse gear. The front camera will automatically switch off above 20 km/h.

### **Video output**

The video output connection can be used for linking headrest monitors or roof monitors. Sources connected to the interface will also be shown on the screens in the back.

### **Touch option**

It is possible to control the connected Audio/Video ( AV1 and AV2) source via touch screen (touch glass optional). The buttons of the remote control can be taught via the infrared eye . The remote buttons are then projected onto the screen and can be controlled via the touch glass.

### **The following is provided in the set:**

- NavInc Video interface
- Cable set
- Installation- and user manual
- Warranty
- Invoice

### **Product specifications**

Voltage: 12V - 24V DC

Voltage-operating capacity: 8 - 18V DC

Standby current: 0 mA

Operating current: 5 Watt max.

Power input: 12V

Temperature range: - 30°C up to + 80°C

Weight: 250grs

Dimensions(W x H x D): 130 x 20 x 102mm

### **Additional information:**

- Check at the tab "compatibility" on top of this page if your radio or navigation system is suitable for this product.
- Audio of the connected video source must be linked to the AUX input of car, FM modulator, USB or iPod interface.
- No constant voltage needed (+30) therefore the interface is much more stable.
- "Mute" function for the video inputs which are not used.
- Use of a metal casing and new components (not Chinese or remanufactured components).

### **Legal information:**

The driver of the vehicle should not be inferred from the motion images. In many countries, watching movies while driving is prohibited. Therefore we accept no responsibility for material or personal injuries, directly or indirectly, due to installation of the interface modules.

### **Interface and Software basic information:**

The NavInc interfaces are no navigation systems or screens to replace the navigation system. The NavInc interfaces enable the possibilities to connect different Audio/Video sources to the navigation system.

Manufacturers create adjusted software and hardware versions, options and enhancements which ensures that the compatibility of the products cannot be guaranteed 100%. Compatibility lists are based on customer feedback and experiences and will constantly be updated for optimal customer support.

### **Compatible for the following models**

#### **Porsche**

|            |           |                    |
|------------|-----------|--------------------|
| Boxster    | 2016-20.. | PCM4.0 system (8") |
| Cayenne E2 | 2016-20.. | PCM4.0 system (8") |
| Cayman     | 2016-20.. | PCM4.0 system (8") |

|                       |           |                    |
|-----------------------|-----------|--------------------|
| 911 Carrera           | 2015-20.. | PCM4.0 system (8") |
| 911 Carrera cabriolet | 2015-20.. | PCM4.0 system (8") |
| Macan                 | 2016-20.. | PCM4.0 system (8") |

\*Auto switch off front camera (20 km/h)

\*\*Touch out via UART

### Remarks:

- Only in combination with Porsche PCM4 Media system with 7 inch monitor.
- Installation also possible in combination with original TV Tuner.
- AUX-output of the interface needs to be connected with AUX input of the car.
- Also possible to use the interface stand alone for reversing and/or forward driving camera function.
- Automatic switching to camera on navigation level.
- Touchscreen support for Q-roi system

### Compatible head-unit:

