

General

The NavInc interfaces allow for connecting audio/video sources to the original navigation system of BMW.

The interface ensures that an input is created on the original BMW MK2 till MK4 16:9 navigation system, on which two external audio/video sources can be connected (e.g. DVD player, DVB-T TV, iPod, etc.). The images will be displayed on the navigation screen. The audio of the video sources will be played in stereo through the original audio system of the car. It is possible to switch by means of the original navigation buttons between the inputs.

The interface is equipped with an extra connection:

- Video input; for the connection or reversing camera.
- Video output; for the sending the video images to head rest monitors or roof monitor.

Besides the interface creates analog signals through CAN-BUS. With this signals it is possible to control a reversing camera or the power supply of an external AV-source.

The following output signals will be available:

- +12V switched voltage (max 500mA)
- +12V reversing signal (max 1A)

Features:

- 2x Audio/Video input
- Camera input
- Video output
- Only compatible with NTSC video signals
- CAN-BUS output signals
- Image retention while driving
- Plug & Play cable kit
- Extension of double controls (DVD player + DVB-T) possible via steering wheel controls and radio unit.

**AV-input****AV-input****Rear Camera input****Video output**

The following is provided in the set:

- NavInc AV-interface IF-BMW-MK2

- Plug & Play cable kit
- Installation- and user manual
- One year software warranty
- Warranty
- Invoice

Product specifications

Voltage: 12V DC

Voltage-operating capacity: 10,5 – 14,8V DC

Standby current: >1 mA

Operating current: 230 mA

Power input: 3,4W

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

Weight: 210grs

Dimensions(W x H x D): 105 x 30 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.
- Not necessary to remove the original DVB-T TV tuner when available.
- Retention of original CD changer
- Automatic activation of the camera input possible on all level.
- Image retention while driving.
- Audio output must be connected with the AUX input of the car.

Optional:

De NavInc AV-interface can be extended with operating software which enables to control the connected DVD player or DVB-T tuner through the original steering wheel and radio controls. See INTERFACE – operating software:

http://www.navinc.nl/webshop/interface-besturing-software-c-486_489.html

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.

The functioning of the interfaces may be influenced by software updates from the manufacturer/dealers. In such cases we will provide a software update for this interfaces (not applicable for all products) within one year after invoice date. The costs for (de)-installation of the interface must be paid by the customer and the interface must be supplied to us.

Car manufacturers create adjusted versions of software and updates without having informed third parties about it. We therefore recommend to not update the car if not necessary.

In exceptional cases it is possible that the interface is not accepted by the vehicle, even after replacing the interface or software updates. In such cases, we should looking for an alternative.

Remarks:

- Not necessary to remove the original DVB-T TV tuner.
- Only for models with MK3 or MK4 navigation system with 16:9 screen.
- With retention of original CD changer.
- When original DSP is installed, please contact us about the possibilities.

If a 10-pins changer is connected you need to use the following extension cable:

IFC-BMW-CD1 Adapter cable 10-pins CD changer connection to 12-pins CD changer connection.

If a 10-pins changer is connected + original CD changer you need to use the following extension cables:

IFC-BMW-CD1 Adapter cable 10-pins CD changer connection to 12-pins CD changer connection

+

IFC-BMW-CD2 Adapter cable 12-pins CD changer connection to 10-pins CD changer connection

- Only compatible with NTSC video signals

MK3-4 system:



