

TV-Free
Video-in-motion Interface

CTVIMAU01

**for Audi RNS-E,
Volkswagen MFD2/RNS2
and Skoda Nexus
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.

Changes/updates of the vehicle's software can cause malfunctions of the interface. We offer free software-updates for our 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.

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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 Audi A3, A4, TT (8J), VW Touareg; Golf 5, Touran, T5, Passat from years 2006, Caddy Live, Skoda Octavia 2 and other vehicles with MFD2/RNS2 navigation systems

Navigation Audi Navi Plus RNS-E, VW MFD2/RNS2 and Skoda Nexus navigation systems

Attention! Audi A6 with Navi Plus RNS-E have analog speed signal.

1.3. Setting the Dip-switches

Audi RNS-E

Dip 1 OFF, Dip 2 OFF, Dip 3 OFF



VW/Skoda MFD2/RNS2/Nexus

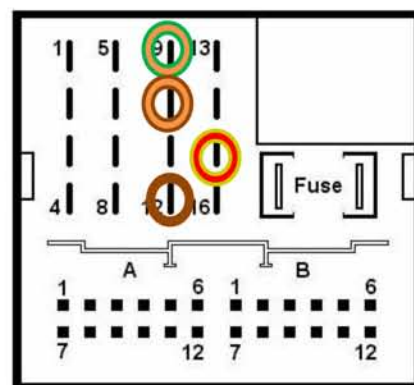
Dip 1 ON, Dip 2 OFF, Dip 3 OFF



1.4. Pin-assignments

Pin-assignment vehicle connector

Cable colour	Assignment
Red/Yellow	+12Volt Permanent Pin 15
Brown	Ground Pin 12
Orange/Green	CAN HIGH Pin 9
Orange/Brown	CAN LOW Pin 10



Pin-assignment of the interface (Molex 8pin)

Cable colour	Assignment
Red	+12Volt 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.

Instruction for Audi A3 und A4 with RNS-E:

1. Remove the navigation computer from the centre console with the accordant tool kit (not included).
2. Disconnect Quadlock connector from the rear of the navigation and connect it to the supplied harness. If the original Quadlock connector has the 12 pin inserts, disconnect these and re-fit them into the supplied harness. Connect the harness to the navigation.



Instruction for VW Touareg and T5 with MFD2/RNS2:

1. Remove the navigation computer from the centre console with the accordant tool kit (not included).
2. Disconnect Quadlock connector from the rear of the navigation and connect it to the supplied harness. If the original Quadlock connector has the 12 pin inserts, disconnect these and re-fit them into the supplied harness. Connect the harness to the navigation.



Instruction for VW Golf 5, Touran and Skoda with MFD2/RNS2/Nexus:

1. Remove decorative plastic panels of the navigation computer carefully, remove the 4 TORX screws and pull the navigation computer out of the centre console.
2. Disconnect Quadlock connector from the rear of the navigation and connect it to the supplied harness. If the original Quadlock connector has the 12 pin inserts, disconnect these and re-fit them into the supplied harness. Connect the harness to the navigation.



3. Activation of the video-in-motion function

On vehicles with **RNS-E** navigation system the video-in-motion function is activated by long-pressing the “next track” button when in TV-mode. As confirmation, the head-unit’s button illumination will blink a few times slowly. Repeat to deactivate, confirmation are a few fast blinks. After ACC is switched off, the video-in-motion function will be automatically deactivated.



Note: While the video-in-motion function is active, the navigation will not work!

On vehicles with **MFD2/RNS2** and **Nexus** navigation systems 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