

TV-Free

Video-in-motion Interface

CTVIMVL01

for Volvo

RTI 2011 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 _____

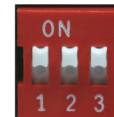


1.2. Check compatibility of vehicle and accessories

Requirements	
Vehicle	Volvo
Navigation	RTI 2011

1.3. Setting the Dip-switches

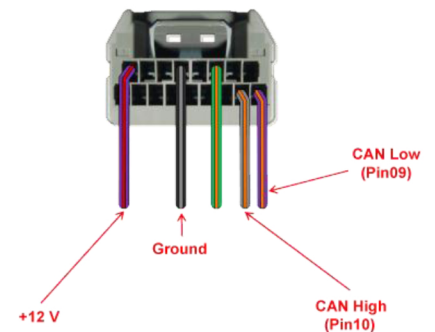
All vehicles Dip 1 ON, dip 2 ON, dip 3 ON



1.4. Pin-assignments

Pin-assignment factory monitor connector

Cable colour	Assignment
● Purple/Red	+12V Permanent
● Black/Grey	Ground
● Grey/Orange	CAN HIGH Pin 10
● Purple/Orange	CAN LOW Pin 09



Pin-assignment of the interface (Molex 8pin)

● Red	+12V battery power	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.

Place of installation is at the back of the factory monitor.

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

