

## **TV-Free**

Video-in-motion Interface

**CTVIMLR02**

**for Landrover and Jaguar  
touch-screen navigation systems version 3  
since 2012**

### **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.

## Contents

### 1. Prior to installation

- 1.1. Delivery contents
- 1.2. Check compatibility of vehicle and accessories
- 1.3. Setting the Dip-switches
- 1.4. Pin-assignments

### 2. Installation

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

### 4. Specifications

## 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** Jaguar XF, Evoque, Range Rover (Vogue), Range Rover Sport, Discovery 4  
**from year 2012**

**Navigation** Touch-screen navigation version 3



## 1.3. Setting the Dip-switches

Jaguar XF, Land Rover with rear-view camera

Dip 1 ON, dip 2 ON, dip 3 ON



Land Rover without rear-view camera

Dip 1 OFF, Dip 2 ON, Dip 3 ON



**Note:** On Land Rover setting dip 1 to ON codes the factory rear-view camera input which is located on the brown Fakra male connector of the factory monitor. When reverse gear is engaged, the navigation will automatically switch to this input. On vehicles with factory rear-view camera set Dip 1 to ON, too.

## 1.4. Pin-assignments

### Pin-assignment factory monitor connector

Cable colour	Assignment
● Orange/grey	CAN-HIGH Pin 2
● Orange/purple	CAN-LOW Pin 1

### 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

CE  12V DC