

# TV400

## Contents:

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Contents .....	1
Safety instructions.....	2
Product description .....	4
DIP-Switch Positions .....	5
Technical data .....	6

# Safety instructions:

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## **1. Read through mounting guidelines:**

Please read through all safety instructions and handling directions intently before installation and start up of the device.

## **2. Keep mounting guidelines:**

Keep the instruction manual and safety instructions for potential further reference.

## **3. Caution advises:**

Please follow all caution advises contained in the mounting guidelines.

## **4. Water and humidity:**

The device should not be operated near water or near a humidity source.

## **5. Warmness / heat:**

The device should not be set up in direct proximity of heat sources (e. g. power amplifier).

## **6. Electric power supply:**

The device should only be operated at a +12 volt vehicle electrical system.

## **7. Connection / electric power supply:**

Use the device only at a +12 volt vehicle electrical system. Make sure to have a proper ground.

## **8. Intrusion of objects or liquids:**

Please make sure that no objects or liquids can intrude the interior of the device!  
(Danger of short circuit!)

## **9. Repairs:**

You should call on qualified personnel, if:

- a plug or a connector have been damaged
- cables are damaged
- objects have fallen into the device or liquids have intruded it
- the product has been exposed to humidity
- the device doesn't function normally or if  
    significant changes in the operating performance can be observed
- the product/casing has been damaged.

## **10. Operation:**

Start no operation that is likely to distract you for a prolonged time from road traffic or traffic related events – RISK OF ACCIDENT!!!

## **11. Warranty:**

The warranty will cease in case that:

- you open the device or the casing

- you carry out repairs single handed
- you use the device improperly
- the device shows damages caused by external forces or mischievous destructions.

**We assume no liability for damages to the vehicle or to people.**

## Product description:

### TV400

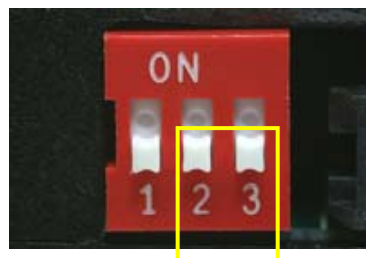
**Function:** Activation of rear-view camera-function, based on CAN-BUS specifications For Mercedes, BMW, VW, SEAT, SKODA, Audi, Porsche, Range Rover, Peugeot, Maserati and Chrysler models. In addition to this interface a manufacturer-specific cable kit is required (sold separately). For details see chart below:



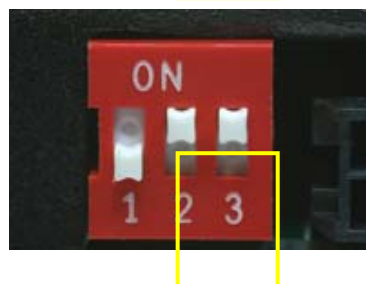
	TV400	Cable kit
MERCEDES, BMW, PORSCHE	A-Class W169, B-Class W245, C-Class W203 as of 4/04, C-Class W204 CLK W209 as of 4/04, R-Class W251, M-Class W164, GL X164, E-Class W211, CLS W219, SLK R171, SL R230 - <b>NTG2 / NTG2.5 / NTG4 (after SW update)</b> 1 series(E87), 3 series(E90), 5 series(E60), 6 series(E62), X5 (E70)- <b>Navigation Professional</b> Cayenne - <b>PCM 3.0</b>	TV-NTG2
MERCEDES	C-Class W203 to 3/04, E-Class W210, CLK W208, Cars with <b>Comand 2.0</b> System	TV-MB210
MERCEDES	C-Class W204 - <b>NTG4 (before SW update)</b>	TV-NTG4
MERCEDES	E-Class W211, CLS W219 - <b>NTG1</b>	TV-NTG1
MERCEDES	S-Class W220 with <b>COMAND 2.5</b>	TV-MB25
MERCEDES	S-Class W220 with <b>COMAND APS220</b>	TV-MB210
MERCEDES	S-Class W220 with <b>COMAND NTG1 (Siemens)</b>	TV-NTG1
MERCEDES	S-Class W221 - <b>NTG3</b>	TV-NTG3
AUDI	A3, A4 with <b>RNS-E</b>	TV-VW01
VW, SEAT, SKODA	All with <b>MFD2/RNS2, MFD3</b>	TV-VW01
VW	Phaeton Navigation	TV-UN1
BMW	7 series(E65) - <b>Navigation Professional</b>	TV-BMW-65
PORSCHE	Cayenne <b>PCM 2.1</b>	TV-POR01
PEUGEOT	407, 807 - <b>RT3-N3 CAN</b>	TV-PSA
RANGE ROVER	Vogue, Sports, Discovery 3 - <b>Touchscreen Navigation</b>	TV-RR
Maserati	Quattroporte Navigation	TV-VW01
Chrysler	<b>MYGIG</b> System	TV-MYGIG
Jaguar	XF	TV-UN1

# DIP-Switch Positions

- DIP-Switches “2” and “3” **down** applies for the following vehicles:  
MERCEDES (except S-Class W221), BMW, AUDI,  
VW, SEAT, SKODA, PORSCHE, PEUGEOT,  
MASERATI, CHRYSLER



- DIP-Switches “2” and “3” **up** applies for the following vehicles:  
MERCEDES S-Class W221 (COMAND NTG3),  
RANGE ROVER



- DIP-Switch “1” **up** turns permanent activation tv-free on:

**Mercedes COMAND 2.0/2.5/APS220, NTG1, NTG2, NTG3, NTG4 (after SW update)**

**VW MFD2 / RNS2, MFD3 / RNS510, Phaeton Navigation**

**Škoda Columbus**

**Porsche PCM 2.1, PCM 3.0**

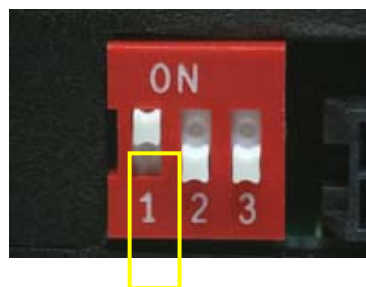
**Range Rover Touchscreen Navigation**

**Maserati Quattroporte Navigation**

**Chrysler MYGIG**

**Jaguar XF**

**BMW Navigation Professional (CIC):**



- DIP-Switch „1” **down** and additionally prolonged push button for tv free:

**Mercedes COMAND NTG2.5\* / NTG4\* (before SW update) :**

- „Hang up“ Steering wheel button

**Peugeot RT3-N3 CAN\* :**

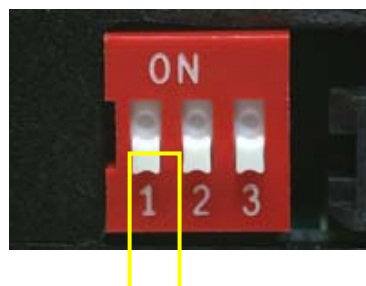
- Switch on cable kit “CAS-PSA”

**Audi RNS-E\* :**

- „Track +” button

**BMW Navigation Professional (CCC):**

- „i-Drive“ or „Menü“ button



\* While the tv-free function is activated. it is not possible to use the navigation

## Technical data:

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Software version:	V5.5.5
Voltage supply:	12V DC
Voltage-operating capacity:	10,5 - 14,8 V
Standby current:	1mA
Operating current:	48mA
Power input:	0,70 W
Temperature range:	- 30°C - + 80°C
Weight:	42 g
Measurements:	72 x 22 x 52 mm