

**CHARGER**  
**TPH700**  
**USER MANUAL**  
**ART.NR. 999163**



## 1 Safety information

- Before using a charger device, read carefully this guideline.
- The operating temperature range of the charger can vary from 0 to +45°C.
- Do not try to open the charger. Unqualified opening may cause its damage. Unauthorized manipulation may lead to the guarantee annulment.
- Only methods of proper charger utilisation described in this manual are permitted.

## 2 Description of the charger

The charger TPH700 is a vehicle charger for charging the radio TPH700 via system connector. The charger consists of the vehicle adapter, cable and connector for connection to radio system connector. The vehicle adapter of the charger is connected to the vehicle board system to the 12 V or 24 V cigarette lighter (CL) socket. The radio connector is supposed to be connected to the connector in the back side of the TPH700 radio. The vehicle adapter, cable and radio connector create one device. Parts of this device cannot be separated.

On the charger connector there is an LED indicator which shows the state of the charging. This indicator informs the user about the process of charging, especially in case when the radio display is in sleep mode and the information about charging on the display is difficult to read. The LED indicator on the vehicle adapter shows the connection to the vehicle board system.

### 2.1 Charger LED indication:

- Green LED on the vehicle adapter
  - connection to the vehicle board system
- Blue shine of the charger connector LED
  - connection to the Power Supply
  - battery is fully charged
- Red shine of the charger connector LED LED
  - battery is in a charging process

## 3 radio accumulator charging

- Connect the charger TPH700 to the board system to the cigarette lighter socket. The green indicator on the vehicle adapter and the blue indicator on the charger connector will switch on. The indicators show the charger connection to the vehicle board system.
- Connect the charger connector to the connector on the back side of the radio TPH700. The process of charging will begin. The indicator on the charger connector will get red showing the process of charging. The process of charging is indicated by standard way on the radio display.
- When the process of charging is completed, the indicator on the charger connector will get blue again. The state of completed process of charging is also indicated on radio display.
- Disconnect the charger from the radio and from the cigarette lighter socket.
- During the process of charging the radio can be switched on or off. It is also possible to receive or transmit radio signals. During the receiving process the charger indicator can be red, even if the accumulator is already charged. During the transmitting process the charger indicator is always read.

**Note:** Keep the charger connector clean and do not short out all the pins on the connector. Follow general instruction described in the radio service manual during the process of charging.

## 4 Technical Specification

Product name:	Charger TPH700
Power supply:	12 or 24 V DC
Charger supply voltage:	7,5 V DC / max. 2,9 A (in case of 12 V DC)
Optic charging indication:	Green - LED on vehicle adapter Blue/Red – LEDs on charger connector
Service temperature:	0 to +45 °C
Storage temperature:	-40 to +80 °C
Cable length:	1500 mm
Dimensions:	92 x 28 x 18 mm
Weight:	80 g



### **Advice for users of this product!**

This symbol indicates that electrical and electronic equipment must be disposed of separately from municipal trash at the end of its operational lifetime. When the device has become unusable, dispose of it in accordance with the current statutory regulations.





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