



⚠ Attention: Before installing, read the instructions and recommendations contained in the manual. Equipment must be installed and used in accordance with these instructions. The device is designed for installation in motor vehicles with 12V electrical. The device must be connected to 12V and negative terminals grounded. The manufacturer and retailer are not responsible for any damages resulting from improper installation, use, operation or control of the product differently from the instructions for use. Incorrect repairs to the facility or its treatment are at risk of damage to the equipment or vehicle power supply and loss guarantees. For proper operation and flawless product, we recommend installation of professional service.

PRODUCT DESCRIPTION

KEETEC CZ 10 is a control unit for central locking with remote control designed for vehicles with 12V power supply. The control unit cooperates with the central locking control impulses or minus the addition of auxiliary relay (not included) with other types of central locking. Time programmable output to open the luggage compartment can be used to control various devices in the vehicle. Communication between the controller and a remote control is protected by a hopping code.

I. DESCRIPTION REMOTE CONTROLS



Remote control RC 380, RC KEY

- Button 1 - lock the car (ignition is turned off, indicator light will flash 1)
- Button 2 - unlock the vehicle (direction light will flash 2x)
- Button 3 - (1 sec.)-Trunk (indicator light flashes 3 times)

Remote control RC MAX

- Button 1-button locking the vehicle (ignition is turned off, indicator light will flash 1)
- Button 2 - unlock the vehicle (direction light will flash 2x)
- Button 3 (1 sec.) - Trunk (indicator light flashes 3 times)
- Button 1 + 3 - switch on / switch off function "LOCK CHECK"

Function LOCK CHECK (only RC MAX)

This feature allows the user to determine which button on the remote control pushed last. This is a key lock, unlock, and the user can check the departure pushed the button to lock the vehicle. CHECK LOCK function is optional and registration is disabled. Activate the current function by pressing buttons 1 and 3 for two seconds. When activated, the icon will flash once for lock and unlock and disable flash twice. When enabled, the last pressed button you will find a brief press button 4 After its compression to 0.8 seconds turns lock or unlock icon, depending on which button was pressed last.

Attention: when activated LOCK CHECK battery life is shorter in the control

Low battery in the controller (RC MAX only)

If the button is pressed to lock or unlock the battery icon flashes blue, it is the remote control batteries with low capacity and must be replaced.

Turn lights on the RC MAX - press button 4 for more than 1 second to turn high bright LEDs on the front of the driver. LED lights up, you keep the button pressed and after a set period of time off, although still holding the button pressed. Length, how long the LEDs light up when pressing the button can be set.

Adjusting the length of time the light switch on the RC MAX - time how long the LED light, can be set from 1-30 seconds or indefinitely. Simultaneously press buttons 1 and 4 per second. The red LED for 3 seconds. After the extinction of the flashes in the second interval. During this time, press button 4 for such a long time (30 seconds), how long you want to hold to the light shining. When the button is pressed during a flicker, illumination time will be limited. Programming Time for 30 seconds will automatically terminate.

II. SYSTEM INSTALLATION

Removing the plastic covers the dashboard of the vehicle. Find the wires that control central locking, located on the control unit. For some types of vehicles to be powered directly by the central locking the doors. The functional testing of wires in the vehicle use exclusively digital altimeter, even if you're not sure what the function of wire used. After determining the wires, disconnect the battery and connect the central locking wiring harness to the cables needed for proper functioning, according to the attached diagram. All solder joints and insulate. After the installation of central locking plug the vehicle battery and insert the fuse into the fuse on the wiring for central locking. Test the correct functioning of the central locking and electric vehicle performance (ignition, directional lights, ...) Replace the plastic covers the dashboard.

Position of control unit

Management unit will be located inside of the protective plastic dashboard. The antenna control unit such that it does not touch the metal parts of the vehicle.

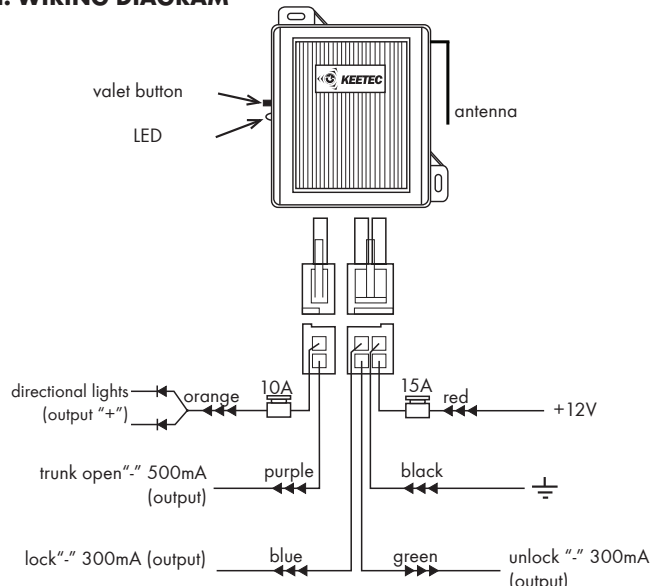
CONNECTOR CN(4-PINS)- CONECTOR INPUTS AND OUTPUTS

- red (+)** power +12V (input wire)
- black (-)** ground (input wire)
- green (-)** unlock -300mA (output wire)
- blue (-)** lock -300mA (output wire)

CONNECTOR CN2 (2-PINS) - CONECTOR OUTPUTS

- purple (-)** opening trunk, driver input. The length of the output power is programmable
- orange (+)** power output for directional light (output driver). The outputs are isolated rectifier diodes

III. WIRING DIAGRAM



IV. PROGRAMMING REMOTES

- Press the service button while the power supply system
- By pressing the service button connect / disconnect power 5x more than 7 seconds while the five power connected. Release the service button
- LED on the control unit will blink rapidly to confirm entry into programming mode and indicator lights will flash 5 times
- Press any button on the remote control within 5 seconds.
- Programming remote control is confirmed by flashing directional lights (1x for DO1 to DO2).
- The programming will automatically stop after 5 seconds after the last programmed remote control

Add or delete a programmed remotes for programming new remotes

- Press the service button on the power supply system
- By pressing the service button connect / disconnect the power supply 7 times in 10 seconds while the power source seven times. Release the service button.
- LED on the control unit will blink rapidly to confirm entry into programming mode
- if you want to add new remotes old erased, then programmed the remote control button lock (factory set). Flashing LED lights for two seconds and then starts flashing again.
- If you want to add new remote old drivers remain programmed, press the programmed remote button to unlock. Flashing LED for five seconds and then starts flashing again.
- The programming will automatically stop after 10 seconds of setup.

PROGRAMMING OUTPUT TO OPEN THE LUGGAGE COMPARTMENT

- Output to open the luggage compartment is factory set to activate after his was on a second. The system allows the output set at 3 options:
1. Switch on exit the set time (from 1 to 300 seconds). After activating the exit opening trunk, this turned out to set time.
 2. Continuous power output by pressing the button to open the trunk and pushing the other off
 3. The idle output is-12V. After activating the exit opening of the trunk there is no voltage and the output direction of light is always on. Pressing the button to activate the exit opening of the trunk off the exit and directional lights at the outlet opening of the trunk appears again-12V.

Procedures of the options:

- Press the service button while the power supply system
- By pressing the service button connect / disconnect the power supply 3 to 5 seconds three times while the power is connected. LED lights. Release the service button
- LED on the control unit goes out briefly and then lights continuously to confirm entry into programming mode (the same for all options, proceed as follows according to the options).
- Programming, Option 1: press 1 button to open the trunk, the LED will flash every second (the number of blinking LED indicates how long the output is on the luggage compartment when activated). When the number of blinks corresponds to the time as long as you take the exit after activation is turned on, press the button again to open the trunk. The length of the output is set.
- Programming, option 2: Press and hold down the button to open the trunk. LED goes out. When the LED flashes once, release the button. The output is set.
- Programming, option 3: Press and hold down the button to open the trunk. LED goes off and starts flashing at intervals of one flash, two flashes. After two flashes speaker. The output is set.

RESET of system

- Press the service button while the power supply system.
- By pressing the service button connect / disconnect power from 10x to 13 seconds while ten times the power connected. Release the service button
- Directional lights will flash 3 times. The system is reset to factory settings, are also erased all the remote controls programmed into the system.