

⚠ 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 system and equipped with CAN bus data. 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.

SYSTEM DESCRIPTION

The MODULE CAN R/S is devised to serve as a converter of the vehicle's CAN BUS information. The Module is able to collect the information about the status of the engine and its accessories from the CAN BUS network and convert it to the separate switching-mode outputs. Moreover, the Module is able to send information to the CAN BUS network, provided that one of the outputs is activated. Minimum interference with the vehicle's electrical installation is required when connecting the Module, as a very few wires are needed for the connection. Thanks to its features, it is a perfect accessory to two-way alarms. The code of a vehicle and supported functions must be obtained from the dealer's website or the chart enclosed here.

The CAN R/S Module is able to collect information via CAN BUS about the following:

- open/close driver door
- open/close all door
- open/close windows
- open boot
- information about the handbrake
- information about the foot-brake
- information about the engine status
- information about the doors
- information about the engine RPM
- information about the car speed (over 10km/h)
- information about status of the immobiliser
- information about the factory alarm status
- send information for start/stop engine (depend of the car brand)
- send information for simulating of driver's opening
- providing signals for alternative CDL opening

I. PROGRAMMING VEHICLE CODE

CAN BUS R/S module must be programmed for specific vehicle after installed, according to type of vehicle in which is installed. Module must be set by entering the three-digits code, which can be found in the attached list of vehicles.

Manual vehicle code programming

1. Hold the SWITCH down until LED begins to blink.
2. Release the SWITCH.
3. LED begins to blink out the first digit of the code.
4. Press the SWITCH when the number of blinks equals the first digit of the code.
5. LED once blink. After moment LED begins to blink out the second digit of the code.
6. Press the SWITCH when the number of blinks equals the second digit of the code.
7. LED once blink. After moment LED begins to blink out the third digit of the code.
8. Press the SWITCH when the number of blinks equals the third digit of the code.
9. LED will blink 10 times to confirm the programming.



Example

Programming the vehicle's code "1 2 3":

1. Hold the SWITCH until LED blinks rapidly.
2. Release the SWITCH.
3. Press the SWITCH after one blink.
4. LED will blink once to confirm.
5. Press the SWITCH after two blinks.
6. LED will blink once to confirm.
7. Press the SWITCH after three blinks.
8. LED will shortly blink once followed by 10 blinks.

II. CHECKING VEHICLE'S CODE

It is possible to check the programmed vehicle's code as follows:

1. Press the SWITCH shortly.
2. LED blinks rapidly 5 times.
3. LED blinks out the first digit of the vehicle's code.
4. LED blinks rapidly 5 times.
5. LED blinks out the second digit of the vehicle's code.
6. LED blinks rapidly 5 times.
7. LED blinks out the third digit of the vehicle's code.
8. LED blinks rapidly 5 times and then it blinks once.

III. SCHEMATIC

