

REMOTE CONTROL DELETION

- 1 Press PROG push-button of ROB-01 device for a longer time.
- 2 After 5 seconds LED red diode switches on (signal pulsates) and then it switches off.
- 3 Release the push-button in ROB-01 - MEMORY IS DELETED.

COOPERATION AND OPERATING RANGE

Symbol	ROP-01	ROP-02	ROB-01	SRP-02	SRP-03	RWG-01	RWL-01	ROM-01	ROM-10	RDP-01	RTN-01
RNK-02	180 m	200 m	200 m	200 m	200 m	250 m	180 m	250 m	250 m	180 m	250 m
RNK-04	180 m	200 m	200 m	200 m	200 m	250 m	180 m	250 m	250 m	180 m	250 m
P-256/8	230 m	250 m	250 m	250 m	250 m	300 m	200 m	300 m	300 m	230 m	300 m
P-257/4 (2)	180 m	200 m	200 m	200 m	200 m	250 m	180 m	250 m	250 m	180 m	250 m
RNM-10	230 m	250 m	250 m	250 m	250 m	300 m	200 m	300 m	300 m	230 m	300 m
RNP-01	160 m	180 m	180 m	180 m	180 m	200 m	160 m	200 m	200 m	160 m	200 m
RNP-02	160 m	180 m	180 m	180 m	180 m	200 m	160 m	200 m	200 m	160 m	200 m
RNL-01	160 m	180 m	180 m	lack*	lack*	200 m	160 m	200 m	200 m	160 m	200 m
RTN-01	200 m	200 m	200 m	200 m	200 m	250 m	200 m	250 m	250 m	200 m	250 m
RCR-01	160 m	180 m	180 m	lack*	lack*	200 m	160 m	200 m	200 m	160 m	200 m
RTI-01	160 m	180 m	180 m	180 m	180 m	200 m	160 m	200 m	200 m	160 m	200 m
RXM-01	230 m	250 m	250 m	250 m	250 m	300 m	200 m	300 m	300 m	230 m	300 m

* - 1-channel transmitters do not cooperate with roller blind controllers.

CAUTION: The given range concerns open area - an ideal condition without any natural or artificial obstacles. If there are some obstacles between a transmitter and a receiver, it is advisable to decrease the range according to: wood and plaster: from 5 to 20 %, bricks: from 10 to 40 %, reinforced concrete: from 40 to 80 %, metal: from 90 to 100% , glass: from 10 to 20 %. Over- and underground medium and high electrical power lines, radio and television transmitters, GSM transmitters set close to a device system have also a negative influence on the range.

RADIO GATE CONTROLLER

ROB-01/12-24V

TECHNICAL DATA

Input (supply) terminals:	A1, A2
Input rated voltage:	12 ÷ 24 V AC/DC
Nominal power consumption:	0,2 W
Number of operation modes:	1
Number of channels:	1
Transmission:	radio 868,32 MHz
Coding way:	unidirectional
Coding:	addressing transmission
Maximum number of transmitters:	32
Range:	up to 250 m in the open area
Optic signalling of device operation:	LED red diode
Additional antenna terminals:	ANT
Relay output terminals:	11, 14
Relay parameters:	1NO 2 A / 250 V AC AC3 500 VA (dry contact)
Number of terminal clamps:	5
Section of connecting cables:	to 2,5 mm ²
Ambient temperature range:	-10 ÷ +55 °C
Operating position:	free
Casing mounting:	installation cable box Ø60 mm
Casing protection degree:	IP20 (EN 60529)
Protection level:	III
Overvoltage category:	II
Pollution degree:	2
Surge voltage:	1 kV (EN 61000-4-5)
Dimensions:	47,5 x 47,5 x 20 mm
Weight:	0,04 kg
Reference standard:	EN 60669, EN 60950, EN 6091000

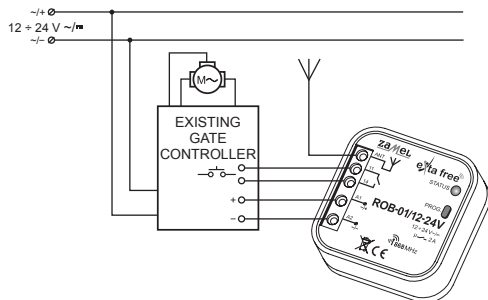
DESCRIPTION

Radio gate controller ROB-01/12-24V is a universal (any gate manufacturer) operation controller of garage gates and similar electric drives that enables to control their operation by means of EXTA FREE transmitters. It is possible to control few things using one remote control - entry gate, garage gate, room lighting, etc. The device can be connected to a suitable wire terminal used as an external antenna.

FEATURES

- cooperation with wireless EXTA FREE system transmitters,
- operation control of entry gates, garage gates, and other electric drives,
- universal low-voltage power supply (12-24V ~ /),
- 1 remote control can be used for different drives (entry gate, garage) where ROB-01/12-24V device is mounted,
- connection possibility of external wired antenna,
- wide range of operation (up to 250 m),
- possibility of increasing operation range by means of RTN-01 retransmitter.

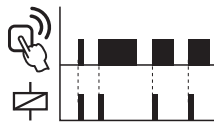
CONNECTION



MOUNTING, FUNCTIONING

1. Disconnect power supply by the phase fuse, the circuit-breaker or the switch-disconnector combined to the proper circuit.
2. **Check if there is no voltage on connection cables by means of a special measure equipment.**
3. Connect the cables to ROB-01/12-24V device terminals in accordance with the installing diagram.
4. Switch on the power supply from the mains.

The ROB-01/12-24V device should be mounted in the connection place of manual gate drive release. The receiver operates in impulse mode - after receiving a signal from a programmed transmitter it short circuits relay output terminals (11-14) for about 0,5 seconds.



To improve device operation range it is possible to connect an additional external antenna to ANT terminal. A connecting cable of maximum section 2,5 mm² can be the antenna.

REMOTE CONTROLS PROGRAMMING

- ❶ Press PROG push-button of ROB-01 device for a longer time till LED red diode switches on (constant signal). Next release PROG push-button.
- ❷ Press the transmitter's push-button for a longer time. LED red diode switches on (first signal pulsates, next the signal is constant).
- ❸ Release the transmitter's push-button. LED red diode switches on (signal pulsates) and then switches off - THE TRANSMITTER IS ADDED.

An exemplary programming procedure with the use of P-257/2 remote controller. The procedure for the rest of radio EXTA FREE transmitters is analogous.

CAUTION: Every transmitter can cooperate with ROB-01 in a different mode, depending on how they were added to the device. One transmitter can be added during one programming cycle. Full memory is signalled with pulsating LED red diode.