

TIME PROGRAMMING

- 1 Press PROG push-button of RWG-01 device for a longer time till LED red diode switches on (constant signal). Next release PROG push-button. Wait (for about 5 seconds) till LED red diode switches on (first signal pulsates, next the signal is constant).
- 2 Press PROG push-button of RWG-01 device and then release it. LED red diode switches off and then switches on (signal pulsates). Every LED diode pulse equals 1 second.
- 3 After the adjusted time is finished (the number of LED red diode flashes) press PROG push-button and then release it - TIME IS ADDED.

Maximum time is 18 hours.

RADIO TRANSMITTERS DELETION

- 1 Press PROG push-button of RWG-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 RWG-01 - MEMORY IS DELETED.

OPERATION 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	no*	no*	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	no*	no*	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.

GNAZDO ZDALNIE STEROWANE Z PILOTEM P-257/2

RWG-01K

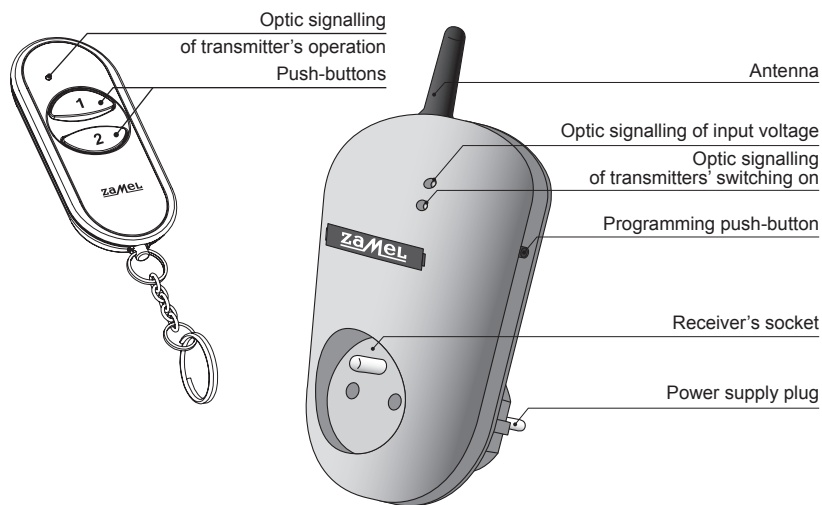
TECHNICAL DATA

	P-257/2	RWG-01
Input rated voltage:	3 V (battery CR2032)	230 V AC
Battery life:	3 ÷ 5 years	-
Input voltage tolerance:	-	-15 ÷ +10 %
Nominal frequency:	-	50 / 60 Hz
Nominal power consumption:	-	0,29 W
Optic signalling of supply voltage:	-	LED green diode
Number of operation modes:	-	5
Number of channels:	2	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	up to 300 m in the open area
Time adjustment:	-	1 s ÷ 18 h (every second)
Optic signalling of transmitter's operation:	LED red diode	
Relay contact parameters:	-	1NO 16A / 250V AC AC1 4000 VA
Ambient temperature range:	-10 ÷ +55 °C	
Operating position:	free	
Mounting:	-	230 V AC socket
Casing protection degree:	IP20 (PN-EN 60529)	
Protection level:	III	II
Overvoltage category:	-	II
Pollution degree:	2	
Surge voltage:	-	1 kV (PN-EN 61000-4-5)
Dimensions:	74 x 33 x 11,5 mm	160 x 66 x 90 mm
Weight:	0,020 kg	0,160 kg
Reference standard:	PN-ETSI EN 300 220-1 PN-ETSI EN 300 220-2	PN-EN 60669, PN-EN 60950 PN-EN 61000

DESCRIPTION

Remote control socket RWG-01 is used to connect any 230 V AC receiver of 4000 VA and to wireless control by means of different EXTA FREE system transmitters. The device can be mounted without any additional tools or interference in existing wiring - it is directly mounted to 230 V AC socket.

APPEARANCE



OPERATION P-257/2

After pressing the push-button the remote control sends a signal on 868,32 MHz which controls EXTA FREE receivers. Device programming procedure (adding a transmitter to the transmitter's memory) is described in manual instruction of particular EXTA FREE system receivers. The range (up to 250 m depending on a receiver) can be changed by means of a retransmitter or few RTN-01 retransmitters.

BATTERY CHANGE

Battery discharge status is signalled by several LED red diode flashes during transmission time.

1. Remove the screws from the bottom part of the remote control.
2. Remove the upper cover with the silicon keyboard.
3. Remove the battery from the latch.
4. Mount a new battery. **Watch battery polarisation marked on the latch. Wrong battery mounting may cause device damage.**
5. Place back the top cover with the keyboard and tighten the screws.

CAUTION: While changing the battery, it is suggested to press any of the buttons for about 5 seconds before putting it into a latch. Next press transmission button several times to check its operation. If the transmitter does not work properly repeat the battery change procedure.

OPERATION RWG-01

The device can operate in five modes:

MONOSTABLE the relay operates only while pressing transmitter's push-button.

BISTABLE (one push-button) the device changes relay status cyclically always after pressing the same push-button.

SWITCH ON the device switches on after pressing the push-button.

SWITCH OFF the device switches off after pressing the push-button.

TIME the device switches off according to the adjusted time (t_p), but it may be switched off before adjusted time finishes. Default settings - 15 seconds.

CAUTION! Adjusted time cannot be deleted.

RADIO TRANSMITTERS PROGRAMMING

MONOSTABLE mode:

- ① Press transmitter's push-button for a longer time.
- ② Press PROG push-button of RWG-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
- ③ Release transmitter's push-button. LED red diode switches on (first signal pulsates, next the signal is constant).
- ④ Press the same transmitter's push-button and release it. LED red diode switches on (the signal pulsates) and next it switches off - THE TRANSMITTER IS ADDED.

BISTABLE mode:

- ① Press PROG push-button of RWG-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
- ② Press the transmitter's push-button for a longer time. LED red diode switches on (first signal pulsates, next the signal is constant).
- ③ Release transmitter's push-button. LED red diode switches on (the signal pulsates), next the LED red diode switches off - it means the TRANSMITTER IS ADDED.

SWITCH ON/SWITCH OFF mode (two push-buttons):

- ① Press PROG push-button of RWG-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
- ② Press and release transmitter's first push-button. LED red diode switches on (first signal pulsates, next the signal is constant).
- ③ Press and release the second transmitter's push-button. LED red diode switches on (the signal pulsates) and next it switches off - THE TRANSMITTER IS ADDED.

TIME mode (one push-button):

- ① Press PROG push-button of RWG-01 device for a longer time till LED red diode switches on (constant signal). Next release PROG push-button.
- ② Press the transmitter's push-button and then release it. LED red diode switches on (first signal pulsates, next the signal is constant).
- ③ Press and release the same 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 RWG-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.**