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**zAMEL**

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## DESCRIPTION

P-257/4 remote control is a transmitter of EXTA FREE wireless control system. It is used to realize following control functions: switching on / switching off, brightening / dimming, roller blinds opening and closing, time mode operation. The remote control is equipped with a comfortable key ring and can be easily kept with keys, etc.

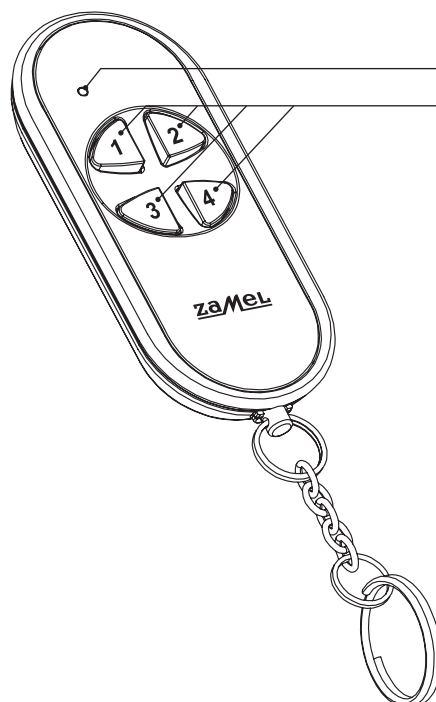
## FEATURES

- 4-channel radio transmitter (remote control),
- remote control of EXTA FREE system receivers,
- possibility of independent control of four receivers,
- wide range of operation (up to 250 m),
- battery powered,
- modern design with extra, practical chain finished with a key ring,
- possibility of simultaneous switching on/switching off any number of EXTA FREE system receivers,
- possibility of increasing operation range by means of RTN-01 retransmitter.

## TECHNICAL DATA

P-257/4	
Input rated voltage:	3 V DC
Battery type:	CR2032
Battery life:	3 + 5 years (depending on use)
Number of channels:	4
Transmission:	radio 868,32 MHz
Coding way:	unidirectional
Coding:	addressing transmission
Range:	up to 250 m in the open area
Optic signalling of transmitting/battery status:	LED red diode
Ambient temperature range:	-10 + +55 °C
Operating position:	free
Casing protection degree:	IP20 (EN 60529)
Protection level:	III
Pollution degree:	2
Dimensions:	74 x 33 x 11,5 mm
Weight:	0,02 kg
Reference standard:	ETSI EN 300 220-1 ETSI EN 300 220-2

## APPEARANCE



Optic signalling of transmitter's operation

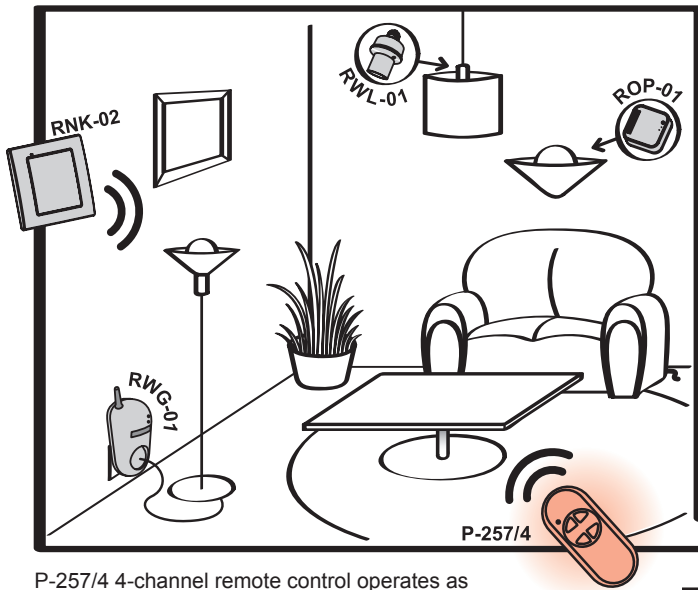
Push-buttons

CE 1471



The symbol means selective collecting of electrical and electronic equipment. It is forbidden to put the used equipment together with other waste.

## APPLICATION



P-257/4 4-channel remote control operates as a transmitter of radio receiver ROP-01 and of remote control socket RWG-01. RNK-02 radio button transmitter and RWL-01 radio lighting switch are also devices of EXTA FREE system.



The ZAMEL company devices which are characterised with this sign can cooperate with each other.

## OPERATION

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.**

## 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.**

## WARRANTY CARD

There is 24 months guarantee on the product

1. ZAMEL provides a two-year warranty for its products.
2. The ZAMEL warranty does not cover: a) mechanical defects resulting from transport, loading / unloading or other circumstances b) defects resulting from incorrect installation or operation of ZAMEL products; c) defects resulting from any changes made by CUSTOMERS or third parties, to products sold or equipment necessary for the correct operation of products sold; d) defects resulting from force majeure or other aleatory events for which ZAMEL is not liable; e) power supply (batteries) to be equipped with a device in the moment of sale (if they appear);
3. All complaints in relation to the warranty must be provided by the CUSTOMER in writing to the retailer after discovering a defect.;
4. ZAMEL will review complaints in accordance with existing regulations.;
5. The way a complaint is settled, e.g. replacement of the product, repair or refund, is left to the discretion of ZAMEL.
6. Guarantee does not exclude, does not limit, nor does it suspend the rights of the PURCHASER resulting from the discrepancy between the goods and the contract.

Salesman stamp and signature, date of sale