

## PROGRAMMING PROCEDURES

Prior to programming make sure the receiver's LED lights red, otherwise shortly disconnect the power supply.

### 1. Programming - learning transmitter(s) to receiver's memory (maximum 12):

- press receiver's PRG switch (LED lights green) for less than 3 seconds. Releasing the switch (LED continues to light green indicating entering the programming mode of the decoder.
- press shortly hand transmitter switch once and LED change colour to red, colour four times ending the procedure.

### 2. Programming - setting channels to time-lapse (pulse) output mode and reset time:

- press receiver's PRG switch (LED lights green) for more than 3 and less than 8 seconds. Releasing the switch LED light changes to red indicating entering this programming mode.
- press once hand transmitter switch (the one of the selected channel in two channel sets). Corresponding relay in the receiver switches on and counting of reset time is started.
- when desired reset time has lapsed (up to 4 hours) press the same transmitter switch shortly again. The relay switches off and after 2 seconds the receiver's LED changes the light colour four times confirming end of the procedure.

### 3. Programming - setting selected channels to latched (on/off) output mode:

- press receiver's PRG switch (LED lights green) for more than 3 and less than 8 seconds. Releasing the switch LED light changes to red indicating entering this programming mode.
- press three times transmitter switch (the one of the selecting channel in two channel sets) in less than 2 seconds intervals, corresponding relay in the receiver switches on and off and the receiver's LED changes color four times confirming end of the procedure.

### 4. Programming - deleting all transmitters from the receiver's memory:

- press receiver's PRG switch (LED lights green) for more than 8 seconds until

The receiver LED starts changing the light colour and then release the switch. The receiver's memory is cleared but the channels' programmed modes of operation remain unchanged. To learn new transmitter(s) to the receiver's memory follow procedure 1. Important! Procedures 2, 3 and 4 can be performed with the use of transmitter learned to the receiver's memory.

### SPECIFICATION:

- \* ASK radio high security code-hopping receiver and one or two hand key transmitters (less than 5mW), standard 433.92 MHz radio frequency and handling up to 1A/30VDC or 0.5A/125VAC.
- \* one or two relay NO or NC outputs galvanic separated and time lapse (pulse) or latched (on/off) operation.
- \* receiver relay fully programmable for time lapse (pulse) or latched (on/off) operation.
- \* colour LED (red/green) programming/status indication and TAMPER switch.
- \* terminal (open collector type 1A/60V) delivering pulses to external sounder on relay action.
- \* receiver power supply is 12VDC±15%, 20mA standby plus 25mA on one relay set.

### WARNING! Output S (open collector type) cannot be connected directly to (+) of the supply voltage!

Elnes Elektronik declares that the product has been manufactured and tested to comply to the following standards: EN 60950-1:2001 electric safety, EN 301 489-1 V1.4.1 (2002-08) EMC for radio equipment, EN 301 489-3 V1.2.1 (2002-08) EMC for Short Range Devices, EN 300 220-3 V1.1.1 (2000-09) EMC and Radio Spectrum Matters.



**Manufacturer's Limited Warranty.** This product carries one year warranty as from the date of purchase. The warranty is limited to the replacement of faulty original parts or repair defects of improper manufacture. Damage, misuse or improper handling by the user or installer as well as any alterations in product's hardware or software caused by unauthorized persons violate warranty obligations and all due repair costs will be charged. Elnes Electronic shall not be liable for any personal or material damage or loss resulting from any of its products direct, indirect or partial use or failure to operate properly.

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