

GB

DESCRIPTION

The receiver (fig. 1) is used to wirelessly switch on/off electrical appliances using the POSEIDON® series transmitters. The device is designed to be built into common electrical installation boxes with a minimum depth of 40 mm.

FUNCTIONS OF THE RECEIVER

ON

Upon each pressing of the transmitter button, the relay of the receiver will close and remain closed.

OFF

Upon each pressing of the transmitter button, the relay of the receiver will open and remain open.

ON/OFF - SINGLE BUTTON MODE

Press the transmitter button to alternately close and open the relay of the receiver.

ON/OFF - TWO-BUTTON MODE

Press the transmitter upper button to close the relay of the receiver.

Press the transmitter lower button to open the relay of the receiver.

PUSH

The relay of the receiver remains closed while the transmitter button is pushed.

TIMER

Upon pressing the transmitter button, the relay of the receiver will close for a preset time period (1 s to 1 hour). Each subsequent press of the transmitter button will start the countdown from the beginning again.

TIMER /OFF SINGLE BUTTON MODE

If the relay is open, upon pressing the transmitter button, the relay of the receiver will close for a preset time period (1 s to 1 hour). If the relay is closed, it will open.

TIMER /OFF TWO-BUTTON MODE

Upon pressing the upper button of the transmitter, the relay of the receiver will close for a preset time period (1 s to 1 hour). Press the transmitter lower button to open the relay of the receiver.

RETR

This function only "forwards" the code of the programmed transmitter in case the range of devices is not sufficient. It will not affect the relay state. Min. distance between devices is 2 m!

Note:

When programming the RETR function, it is recommended to program all buttons of the transmitter (press all buttons of the transmitter simultaneously).

In manual setup, **only one receiver** can be used for retransmission of a code of a transmitter. If you program the same code in another receiver (that is within range of the first receiver), the code of the newly programmed receiver will be automatically erased immediately after programming. The receiver will announce this action by temporary fast alternating flashing of the two LEDs.

If the range of devices is still not sufficient when using one receiver set for retransmission of the code, remote management (SW POSEIDON® Assistant) must be used to set multiple retransmission.

Indication of operating status of the receiver:

Continuous red light of both LEDs – memory of the receiver is empty.

FIRST USE

- Connect the receiver according to fig. 2.
- Prepare the selected transmitter.
- Connect supply voltage.

Note:

Only qualified person can connect (disconnect) the receiver to (from) the mains and appliance.

Due to the risk of reducing the detection zone, it is not recommended to locate the receiver near sources of electromagnetic interference. A strong electromagnetic field may impair or disable correct functioning of the receiver!

The detection zone depends on the material in which the receiver is built. Conductive materials and items near the receiver decrease its operating range.

If possible in the conditions of the building structure (plasterboard walls), it is recommended to have the receiver aerial protrude into an open space or hollow.

The electric circuit to which the appliance with the receiver is connected must be protected by an element (fuse, breaker) of cutoff current max. 16 A.

A) How to program the transmitter into the receiver memory – basic functions

ON/OFF

- Press (brief press) the button on the receiver once; LED 1 lights up green, LED 2 flashes red and green.
- Press the appropriate button(s) of the transmitter twice.
- If registration of the program is correct, both LEDs will flash green slowly.

ON

- Press (brief press) the button on the receiver twice; LED 1 and 2 will light up green.
- Press the appropriate button(s) of the transmitter twice.
- If registration of the program is correct, both LEDs will flash green slowly.

OFF

- Press (brief press) the button on the receiver three times; LED 1 lights up green, LED 2 lights up red.
- Press the appropriate button(s) of the transmitter twice.
- If registration of the program is correct, both LEDs will flash green slowly.

PUSH

- Press (brief press) the button on the receiver four times; LED 1 lights up green, LED 2 flashes green.
- Press the appropriate button(s) of the transmitter twice.
- If registration of the program is correct, both LEDs will flash green slowly.

B) How to program the transmitter into the receiver memory – special functions

TIMER

- Press (long press >0.5 s) the button on the receiver once; LED 1 flashes green, LED 2 lights up green.
- Press the appropriate button(s) of the transmitter twice; LED 2 will quickly flash green to indicate time measuring.
- Press the button on the receiver to stop time measuring.
- If registration of the program is correct, both LEDs will flash green slowly.

TIMER /OFF

- Press the button on the receiver once (long press >0.5 s) and once (brief press); LED 1 flashes green, LED 2 flashes red and green.
- Press twice the appropriate button(s) of the transmitter; LED 2 will quickly flash green to indicate time measuring.
- Press the button on the receiver to stop time measuring.
- If registration of the program is correct, both LEDs will flash green slowly.

RETR

- Press the button on the receiver once (long press >0.5 s) and twice (brief press); LED 1 flashes green, LED 2 goes off.
- Press the appropriate button(s) of the transmitter twice.
- If registration of the program is correct, both LEDs will flash green slowly.

C) How to delete one transmitter programmed with functions ON/OFF, ON, OFF, PUSH, TIMER and TIMER/OFF

- Press (brief press) the button on the receiver five times; LED 1 lights up red, LED 2 goes off.
- Press the appropriate button(s) of the transmitter twice.
- If deletion of the program is correct, both LEDs will flash green slowly.

D) How to delete one transmitter programmed with the RETR function

- Press the button on the receiver once (long press >0.5 s) and three times (brief press); LED 1 flashes red, LED 2 goes off.
- Press the appropriate button(s) of the transmitter twice.
- If deletion of the program is correct, both LEDs will flash green slowly.

E) How to delete all transmitters

- Press (long press >10s) the button on the receiver.
- Deletion of all transmitters is indicated by simultaneous slow flashing of both LEDs and subsequent continuous red light of both LEDs (indicating empty memory of the receiver).

Note:

If no code is programmed or no move to another state is performed within 30 seconds when programming or erasing the device, the receiver automatically returns to the operating mode.

Alternating red flashing of both LEDs – error message (for example, the code being programmed has already been programmed in the receiver memory, or, in case of deletion, the code being deleted is not present in the memory).

REMOTE MANAGEMENT

For devices of the POSEIDON® series, manual programming of transmitter codes, functions and parameters can be substituted by remote management using the SW POSEIDON® Assistant tool and the P8 TR USB transmitter. You can use remote management to even set other functions and parameters that cannot be accessed otherwise:

- Disable (enable) manual programming and deletion of transmitters.
- Lock selected transmitters against deletion from the receiver memory.
- Setting up to 3 devices with the RETR function for a single transmitter.
- Disable (enable) search mode.

By default, the receiver is set to the so-called state of time-limited search. This means that when a receiver is being connected using remote management for the first time, it is possible to connect to it only within the first five minutes from connecting it to the supply voltage. To enable time-unlimited search (can be misused to gain unauthorized access to remote management!), before you connect the receiver to the supply voltage, press and hold the programming button until the receiver indicates the change by three simultaneous red

flashes of both LEDs. Similarly, use this procedure to return to time-limited search; the only difference is indication by only one short blink.

The current setting of the search mode can be ascertained while connecting the receiver to the supply voltage. Three red short blinks of both LEDs indicate unlimited search, one short blink indicates time-limited search, no short blinking indicates searching is disabled.

RESET TO DEFAULTS

If you need to cancel all function and parameter settings, you can return to the manufacturer's default settings.

- Press and hold the button on the receiver *while the receiver is connected to the supply voltage until both LEDs light up red (approx. 10 s)*
- *While the LEDs are lit up (approx. 3 s), release the button and press it briefly again.*
- *Resetting to the manufacturer's defaults will be indicated by simultaneous slow flashing of both LEDs.*

Note:

When resetting to defaults, all programmed codes will be deleted from the receiver memory as well!!!

Visit www.enika.cz/poseidon for details.

ENIKA.CZ s.r.o. hereby declares that this P8 R 1 I complies with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Prohlášení o shodě

Výrobce: ENIKA.CZ s. r. o.
190 00 PRAHA 9, Pod Harlou 933/86
IČO: 28218167

tímto prohlašuje, že výrobek

typové označení: P8 R 1 I (3299-11508)
specifikace: ---
druh výrobku: vestavný jednonábový přijímač
frekvence: 868,3 MHz
citlivost: -110 dBm

- je ve shodě se základními požadavky NV 426/2000 Sb. v platném znění a s NV 481/2012 Sb. v platném znění

- odpovídá základním požadavkům a dalším ustanovením evropské direktivy 1999/5/ES (R&TTE) (Směrnice o rádiových zařízeních a telekomunikačních koncových zařízeních a vzájemném uznávání jejich shody) a evropské direktivy 2011/65/EU (RoHS)

- splňuje požadavky těchto norem a předpisů:

rádiové parametry, EMC: ČSN ETSI EN 300220-1 V2.1.1:2006
ČSN ETSI EN 300220-2 V2.1.1:2006
EN 301 489-1 V1.5.1:04
elektrická bezpečnost: ČSN EN 60 669-2-1 ed.3:05
ČSN EN 60 669-1 ed.2:03

Toto prohlášení je vydáno na výhradní odpovědnost výrobce.

V Nové Pace dne 28.02.2013

ing. Vladimír Mlittký,
řízení systému jakosti