

## Single-channel radio receiver Radio 8113 UPMi Manual



### 1 General information

#### 1.1 Application

The receiver Radio 8113 UPMi is designed to control motors of roller shutters and roller shade.

#### 1.2 Features

- possibility to program transmitters without the programming button on the receiver's housing;
- convenient side location of contacts;
- possibility to connect an extra one-button switch by any producer.

#### 1.3 Technical characteristics

Working range, MHz.....	434.42 ± 0.37
Switching current, max A.....	3
Number of motors for operation.....	1
Memory (number of transmitters), pcs.....	500
Duration of commands "UP", "DOWN", sec.....	100
Duration of command "Comfort", sec.....	7
Dimensions, mm.....	51 × 51 × 29
Working temperature.....	from 0 to + 45°C
Working conditions.....	dry heated buildings
IP protection class.....	IP20

#### 1.4 Installation and connection of the Radio 8113 UPMi

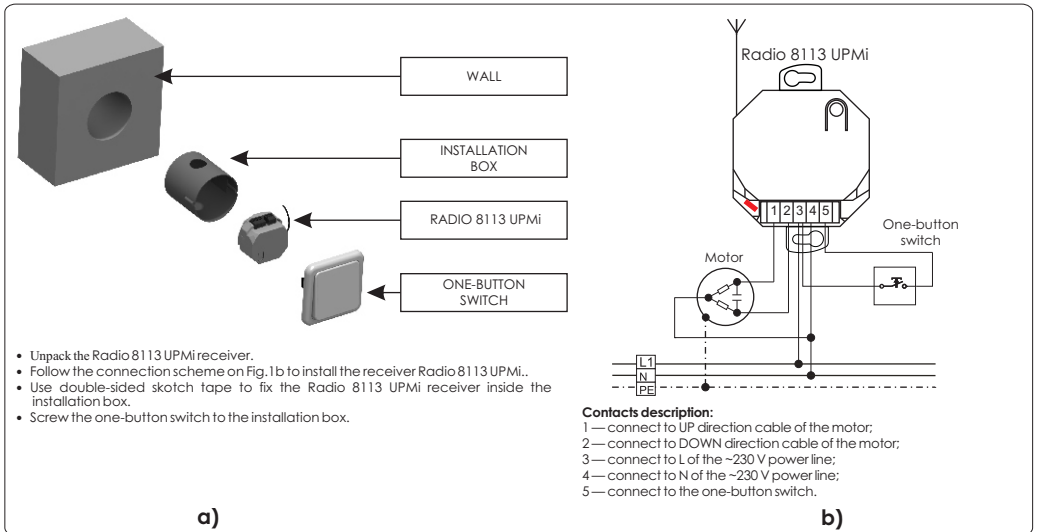


Fig. 1 a) Installation of the 8113 UPMi; b) connection of the Radio 8113 UPMi to the motor.

## 2 Programming the Radio 8113 UPMi receiver

### 2.1 Enter the programming mode:

- **Way 1:** press and hold > 4 sec. the switch button or a button of the transmitter that has been previously programmed until the motor stops (if it was working) or rolls up and down;
- **Way 2:** activate the motor (up or down), stop it and in 3 sec. press the switch or touch the programmed transmitter button five times (the motor will indicate that the programming mode is activated by making an up and down movement).

#### Note No.1

- If the receiver's memory is empty, then, the Radio 8113 UPMi will enter the programming mode automatically when it will be connected to the motor and power line.
- If the motor has end strokes, one should reach the end position of the roller shutter and then press the switch shourtrly or touch the programmed transmitter button 5 times.

#### 2.2 Programming transmitter codes into the Radio 8113 UPMi:

- when transmitters Radio 8133-9, Radio 8101-5 are used one should touch the STOP button of the transmitter;
- when transmitters Radio 8101-2, Radio 8101-4 are used one should touch the button that needs to be programmed.

The motor will indicate that the programming was successful by the following motions: ▼▲ ▼▼▲▲▲ ▼▲

#### Note No. 2

- If the transmitter you want to programmed has been previously programmed, the motor will indicate this as follows: ▼▲
- If the receiver's memory is full, the motor will indicate this as follows: ▼▲▼▲▼▲

#### 2.3 Leave the programming mode:

touch the switch or the previously programmed button of the transmitter.

The motor will indicate the disactivation as follows: ▼▲▼▲

#### Note No. 3

- ✓ The receiver will automatically leave the programming mode if one doesn't perform any actions within 32 sec.
- ✓ To delete the button of the transmitter, press this button > 1 sec. after entering the programming mode (p.2.1).
- ✓ To erase the memory completely hold the switch button or the previously programmed button more than 4 sec.

#### 3 Operation by means of the Radio 8113 UPMi receiver

The receiver can make the roller shutter to perform the following commands:

- "UP", "DOWN", "COMFORT" if transmitters Radio 8133-9, Radio 8101-5 are used;
- "UP", "DOWN" if transmitter Radio 8152-50 is used;
- Step-by-step (up-stop-down) if transmitters Radio 8101-1, Radio 8101-2; Radio 8101-4 are used;
- "UP", "DOWN", Step-by-step if a switch is used.

#### 4 Storage

Store the receiver packaged in dry buildings at temperature 0-25 C.

#### 5 Warranty

The warranty period is 24 months. Please, don't throw away the manual as it is the warranty certificate.