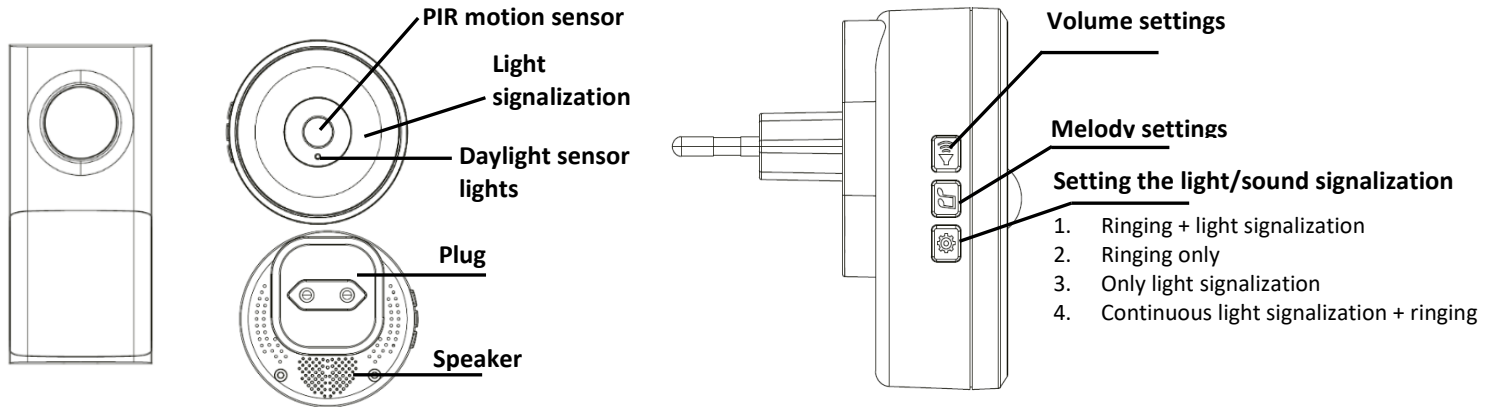# Wireless doorbell with sensor

SOLIGHT

Thank you for purchasing our wireless doorbell with night light and motion detection. The set consists of a bell button (transmitter) and a bell (receiver). The doorbell is designed for permanent connection to 230 V AC/50 Hz mains. The transmission between the button and the doorbell is via radio waves with a frequency of 433.92 MHz. The range depends on local conditions and can reach up to 250 m in open areas without interference. The set has a so-called pairing function (Learning code) - the button is able to generate its own pairing code, which is received by the doorbell and stored in its memory. The set can thus be expanded with additional transmitters or receivers. The pairing function also prevents the set from affecting neighbouring bells. For proper use, read the instruction manual.

PIR motion sensor

Light signalization

Daylight sensor lights

Plug

Speaker

Volume settings

Melody settings

Setting the light/sound signalization
1. Ringing + light signalization
2. Ringing only
3. Only light signalization
4. Continuous light signalization + ringing

Technical parameters

Doorbell power supply	AC 230 V , 50 Hz
Volume	4 modes, (20 - 80 dB(A))
Working frequency	433.92 MHz
Receiver standby power	<0.5 W
Transmitter operating power	<10mW
Melody	58 melodies
Reach	Up to 250 m in open space
Transmitter Coverage	IP55
Motion sensor detection angle	120°
Motion sensor detection distance	0-3 m
Light output of the night light	1 W
Power button	CR2032 battery (included)

Motion sensor night light

The LED night light only lights up in the dark and when there is simultaneous movement around the bell (receiver). The infrared sensor detects horizontal or vertical movement in front of it, e.g. from left to right or top to bottom, at an angle of 120° in all directions, up to a distance of 3m from the bell. Movement going perpendicular to the sensor, e.g. a person approaching, may not be 100% detected and the light may not activate. Therefore, place the doorbell in places where people will be passing by, not approaching. Typical use is in corridors or living rooms, where there is a need for light when moving in the dark. The light does not shine except in the dark, this is done by a daylight detector located under the motion sensor. The night light is white, while the bell light is blue.

Installation

1. Tear off one side of the double-sided adhesive tape and stick it to the underside of the button (transmitter).
2. Tear off the other side of the double-sided adhesive tape.
3. Select a suitable place and stick the button. If a stronger fixing is needed, use dowels and screws - open the button (see battery replacement), drill holes in the marked circular slots on the inside of the button cover and screw it to the base. Then cover the other part of the button and press the two parts together.
4. Connect the doorbell (receiver) to an electrical socket.
5. Select the melody, volume or type of signaling.

Replacing the battery

Using a flat-blade screwdriver, push into the groove of the joint on the shorter side of the button and open the cover. Insert the CR2032 battery, observing the marked polarity. Then close the cover.

"Code Learning" function

The device has already been paired in production. If you need to change the transmitter, increase or decrease the number of bells, follow the steps below:

1. **Pairing**
   Press and hold the button for "Setting the light/sound signalization" until the device emits a bird whistle sound. Then, within 30 seconds, press the button on the transmitter. If the bell rings, the pairing is successful. If the bell does not ring, press the transmitter again until pairing is successful. To pair multiple transmitters, repeat the above operation. A maximum of 8 buttons can be paired to one doorbell. One button can be paired with a maximum of 20 bells, and a different melody can be set on each bell.

2. **Cancel pairing**
   Press and hold the "Setting the light/sound signalization" button for about 10 seconds until the chime (ding dong) sounds twice. This cancels the pairing. Before the sound of the bell (ding dong) there is usually a bird whistle - do not release the button at this time and wait for the ding dong melody.

Notice

1. Do not disassemble or repair the equipment.
2. Operating range may be affected by environmental factors and nearby interference sources.
3. Proper use will effectively extend the life of the equipment.
4. Disconnect the receiver from the mains before cleaning. Use only a dry soft cloth for cleaning. If you use wet cleaning, use only cleaning agents free of aggressive compounds and reagents and allow to dry thoroughly. Do not immerse the product in water! Protect the product from contact with fluxes and places of high temperature.

Troubleshooting:

If the receiver does not ring repeatedly after pressing the button on the transmitter, check:

- whether the distance between the transmitter and the receiver is too large

- that there are no strong sources of signal interference between the transmitter and receiver (radio and wireless networks, large metal objects, reinforced concrete walls, etc.)