

WIRELESS RECEIVER

WS301

UNDER THE SWITCH

for wireless control of various electric devices

- to control all transmitters series WS3xx can be used
- small dimensions allow mounting directly into the installation box
- for heaters, circulation pumps, lighting, air conditioning and other equipment up to 16 A

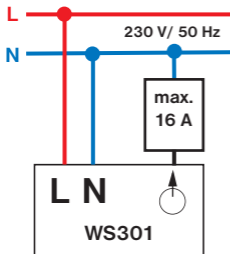
RANGE
UP TO
150 M

INSTALLATION

WS301 is suitable for switching on electric equipment. Transmitters, series WS3xx, can be used as a remote control (WS310-stick, WS320-door contact transmitter, the current channel list on www.elbock.cz).

1. Switch off the main circuit breaker and connect it to the receiver according to the diagram;
2. Switch on the main circuit breaker; the LED1 lits up on the receiver; **BASIC MODE**;
3. Pressing the **FUNCTION BUTTON** for about 5 sec, will erase the memory (LED1 and LED2 simultaneous long flash), **RESET MODE**;
4. Pressing the **FUNCTION BUTTON** for about 1.5 sec, will get the receiver into a setting mode for **SWITCH ON** (LED2 flashing);
5. Press the appropriate button, based on a transmitter, for transmitting of a code for **SWITCH ON**, LED1 flashing and receiver waits for SWITCH OFF.
6. In next step press the same button (or another), on the transmitter, for transmitting of code for **SWITCH OFF**;
7. For setting **COUNTING MODE** proceed in a similar way;
(!When setting other functions do not use RESET - otherwise, the previous settings will be erased, it is possible to set up to 16 control buttons!)
8. Pressing the **FUNCTION BUTTON** for about 1.5 sec, will get the receiver into a setting mode for **SWITCH ON** (LED2 flashing);;
9. Press the appropriate button, based on a transmitter, for transmitting of a code for **SWITCH ON**, LED1 flashing and receiver waits for SWITCH OFF.
10. Wait for 20sec, then the receiver is on **SETTING TIME MODE** (LED1 flashing and LED2 lit); *(!Setting range of time is 1s to 8 hours!)*
11. Start to count down of the time, for which the device should be switched on. After the expiry of the time you have requested press the transmitter button to **SWITCH OFF**.

Wiring diagram:



FUNCTION BUTTON (R) :
SHORT PRESSING (for about 1.5s)
- coding.

LONG PRESSING (for about 5s)
- **RESET** deleting the code from the memory (the LED1 and LED2 flash simultaneously).

To be installed in internal rooms. **Do not locate near power lines! The device can only be installed by a person with adequate qualification!**
The installation must be executed in a voltage-free state!

FUNCTIONS OF WS301 - indication on receiver		
LED1	LED2	BASIC MODE
		1, power on 230V/ 50Hz 2, device is off
		flashing simultaneously (5x) - code was erased, is necessary to set receiver again
		receiver waits for SWITCH ON code, if the code is not received during 20 sec., receiver goes back to BASIC MODE
		receiver waits for SWITCH OFF code, if the code is not received during 20 sec. receiver goes back to SETTING TIME MODE
		device is on
		From the beginning of the time count down, receiver waits for SWITCH OFF code, receiver goes back to BASIC MODE after receiving the code.
		device is on and counts down the time (after a set time automatically turns off and goes into BASIC MODE.
		flashing alternately - indicates that the transmitter, which controls the receiver, has exhausted batteries!
		RELAY SWITCHED
		TIME SETTING MODE
		COUNT DOWN MODE
		LOW BATTERY (in the transmitter)

EXPLANATION:



LIT



UNLIT



FLASHING

WIRELESS RECEIVER **WS301**

For remote ON / OFF and time control of electrical equipment. WS301 can be controlled by up to 16-different transmitters with different functions. Adjustable function time is 1 to 8 hours.

TECHNICAL PARAMETERS

Power supply	230 V/ 50 Hz
Frequency	433,92 MHz
Sensitivity	< -102 dBm
Range	150 m (in free area), 20 m (in built-up area)
Output	relay, max.16 A/ 250 VAC
Protection	IP20 and higher acc. to the installation
Working temperature	0 to 40°C
Dimensions (LxWxD)	49,5 mm x 45,5 mm x 26 mm

CERTIFICATE OF GUARANTEE

(guarantee period for the product amounts to 2 years)

product No.:	date of sale:
examined by:	stamp of shop:

In case of guarantee or post-guarantee service is needed, send the receiver to the distributor or manufacturer's address.

DECLARATION OF CONFORMITY

We, ELEKTROBOCK CZ s.r.o., here declare that our product WS301 is in conformity with the basic requirements and other respective provisions of the directive 1999/5/ES.

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