

# USER GUIDE



# switchbox

SWITCH ON/ OFF ELECTRICAL DEVICES FROM ANYWHERE IN THE WORLD

Switchbox allows you wirelessly turn on and off electrical devices powered by mains electricity 230V power up to 3kW. It can be used to control the load by means of mobile devices and personal computers from anywhere in the world.

	All works on the device may be performed only by a qualified and licensed electrician.
	Do not connect the device to loads exceeding recommended values.
	Connect only in accordance with the diagram presented in the manual. Improper connections may be dangerous.
	<b>DANGER!</b> Even when the device is turned off, voltage may be present at its terminals. Any works introducing changes into the configuration of connections or the load must be always performed with disconnected voltage (disable the fuse)

## INSTALLATION

1. Connect switchBox according to the diagram.
2. Place the device in in the flush-mounted box (deepen or double), on the receiver - eg. lamps, radiator, etc.

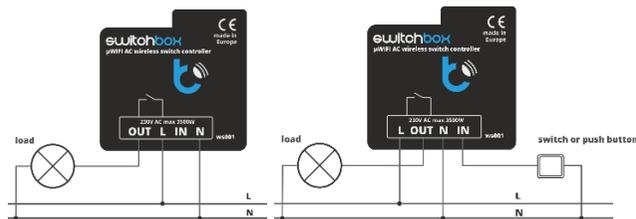


Diagram 1 - simple circuit    Diagram 2 - with additional, local switch



3. Make sure the device is properly connected, and the antenna is away from metal objects, electrical cables, etc., which may affect the signal.
4. Turn on the power.

## SETTINGS

1. Before using the device must be configured. This can be made by the applications wBox or by the browser. It is also possible to use without any configuration, but this is not recommended.

### Browser

2. Using your computer, you must connect to the wireless network (SwitchBox - \*\*\*\*\* where \*\*\*\* is the device serial number).
3. Open your web browser the link: <http://192.168.4.1>

### Application

4. Download the application **wBox**.
5. Using a smartphone or tablet, connect to the wireless network (switchBbox - \*\*\*\*\* where \*\*\*\* is the device serial number).
6. Open the application **wBox**.
7. At the top of the screen appears the new controller.
8. Use the "+" button to add the device to the list.
9. Select the device added to the list.

### Browser and Application

10. Select "Settings" in the top menu, set the device name (important when you want to use multiple devices) and go to the network settings. Remember that if you change the AP name or password, the phone will be disconnected and you must reconnect to continue.

11. Select your home network and press the Connect button. If necessary, enter the network password. After a successful connection you will see the IP address of your device.

12. If you want to protect your device with a password, select "Settings" in the top menu, password of the access point, then enter your password.

13. Save settings.

14. Connect to the home network again. Now you can control SwitchBox using a web browser, adding it to the main screen, or control by using the applications wBox and get the ability to control multiple devices, also from anywhere (Internet connection required).

15. For updates and new features, use the Firmware Update button.

TECHNICAL SPECIFICATIONS SwitchBox			
<b>electrical parameters</b>			
supply voltage	230V AC	energy consumption	< 1W
<b>control output</b>		<b>pushbutton inputs</b>	
number of output control	1	Numer of inputs	1
type of output control devices	relay	Input type	logical, active when connected to N, configurable
maximum load	16A		
maximum power	3500W		
<b>physical characteristics of the device</b>			
dimensions	39 x 47 x 23mm	protection level	IP20
housing	made of polyurethane composition not containing halogens, Self-extinguishing for Thermal class B (130 °C)	mounting method	in the flush-mounted box (deepen or double), on the receiver - eg. lamps, radiator, etc. logical
<b>characteristics of the communication</b>			
communication standard	µWiFi, compatible with WiFi	frequency	2.4 GHz
transmission type	bi-directional, encrypted	API	open
mode	direct connection (as Access Point), Wi-Fi connection via a standard router, connection with access from any location in the world (requires only access to the Internet)	compatible devices	Apple iPhone, Apple iPad, iPad Mini, Android, Windows Phone, computers and mobile devices operating a fully HTML5, soon Windows Phone and Apple Watch

For more information and technical support contact your Blebox.eu dealer, visit the [www.blebox.eu](http://www.blebox.eu) website or send us an e-mail: [info@blebox.eu](mailto:info@blebox.eu)



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