

# USER GUIDE



## shutterbox

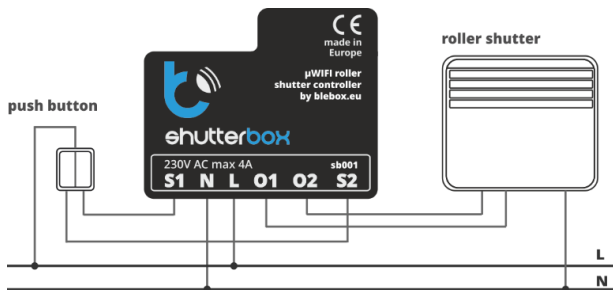
OPEN AND CLOSE ROLLER SHUTTERS FROM ANYWHERE IN THE WORLD

ShutterBox is smart, universal, electric motor controller dedicated to control blinds, awnings, projection screens and other powered by single phase, AC motor. It can be controlled wirelessly, using uWiFi technology with smartphones and tablets or using local shutter switches.

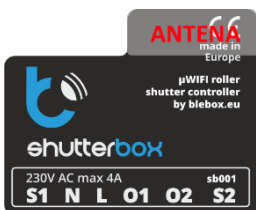
	Important: Before starting the installation, make sure the power is off and you read the following instructions carefully.
	Do not connect the device to loads exceeding recommended values.
	Connect only in accordance with the diagram presented in the manual. Improper connections may be dangerous.
	<b>DANGER!</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 shutterBox according to the diagram.



2. Place the device in the flush-mounted box (deepen or double) in the roller shutters case, etc.



### 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. Use your computer to connect to the wireless network (shutterBox - \*\*\*\*\* where\*\*\*\* is the serial number of the device).
3. Open a web browser link: <http://192.168.4.1>

#### Application

4. Download the application WBox on your smartphone or any other mobile device.
5. Using a smartphone or tablet, connect to the wireless network (shutterbox - \*\*\*\*\* where \*\*\*\* is the serial number of the device).
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. Keep in mind that if you change the AP name or password, the phone will be disconnected and must be reconnected 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, select the option password, enter your password.
13. To use the setting Smart Positioning, please start the automatic calibration in the top menu.

14. Save your settings.

15. Reconnect your mobile device to the home network. Now you can control shutterBox using a web browser, adding it to the main screen or control by the applications wBox and get so much more ability to control multiple devices, also from anywhere (Internet connection required).

16. The roller shutter can be controlled also by a wall switch. If it is running in the wrong direction, it can be modified through the application in the device settings without any electrical modification.

17. To get updates and new features, use the Firmware Update.

TECHNICAL SPECIFICATIONS shutterBox			
electrical parameters			
supply voltage	230V AC	energy consumption	< 1W
control output		pushbutton inputs	
number of output control	2	Number of inputs	2
type of output control devices	relay, push-pull, NO	input type	logical, push button, short circuited to L, configurable
maximum load	5A		
physical characteristics of the device			
dimensions	40 x 48 x 20mm	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) in the roller shutters case, etc.
characteristics of the communication			
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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