

## USER GUIDE



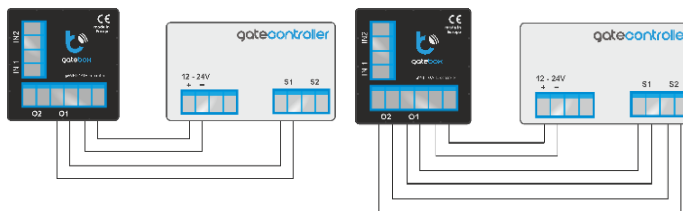
### OPEN AND CLOSE GATES FROM ANYWHERE IN THE WORLD

gateBox the world's first controller for opening and closing doors and checking their state using smartphones and tablets from everywhere in the world.

	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. Install the unit in a place to ensure its protection from adverse weather conditions, for example, inside the drive mechanism case (for external door). Remember that metallic pieces (engine, doors, case, etc.) and the cables may affect considerably on the devices range and as result on the comfort of use.
2. Mount the device on vertical position, to have the connectors at the bottom. For installations within the engine compartment made of plastic, it is recommended to adhere the device (by means of adhesive strips) from the inside.
3. Connect the output voltage 12 - 24V located in the controller power input of the device.
4. Paying attention to the polarization of the output controller add the outputs O1 to the input of the drive motor, intended for external control mode "open - stop - close - stop".



## 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 (GateBox - \*\*\*\*\* 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 icon "+" 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.
14. Save your settings.
15. Reconnect your mobile device to the home network. Now you can control gateBox 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).
17. To get updates and new features, use the Firmware Update.

## ADDITIONAL FUNCTION DOOR

11. Output O2 can be used to control an additional function of the gate (eg. Emergency stop, doors mode, etc.), as long as the gateway supports it. In this case, paying attention to the polarity of control outputs, join the output O2 to enter the function.

## SENSORS LIMIT

12. You can use the door position sensors (mechanical, magnetic, etc.) using a smartphone or tablet you can check its status (open / closed / in an intermediate position).
13. Icon gates indicating her condition and the type of sensors can be changed in the settings panel.

TECHNICAL SPECIFICATIONS gateBox			
electrical parameters			
supply voltage	12 - 24V AC / DC	average power consumption	50mA
energy consumption	< 2W	maximum current consumption	250mA
control output		Input signal	
number of output control	2	Numer of inputs	2
type of output control devices	open collector, pulse	input type	logical
maximum voltage	24V	voltage range	12 - 24V AC / DC
maximum load	20mA	polarization inputs	detected automatically
galvanic isolation	yes	galvanic isolation	yes
physical characteristics of the device			
dimensions	54 x 41 x 20mm	protection level	IP20
housing	made of polyurethane composition not containing halogens, Self-extinguishing for Thermal class B (130 °C)	mounting method	component adhesive (foil) or in housing
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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