USER GUIDE

dimmerbox

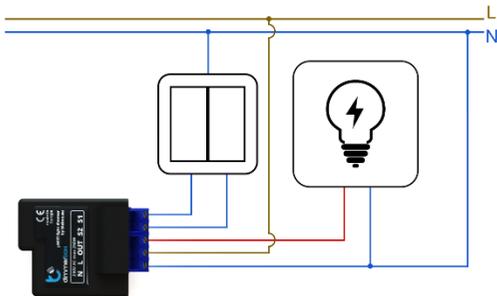OPEN AND CLOSE ROLLER SHUTTERS FROM ANYWERE IN THE WORLD

DimmerBox is the first controller which allows you to adjust the brightness of each type of lighting 230V adapted for dimming using your smartphone or tablet from anywhere 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.
⚡	**DANGER!** 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)

INSTALATION

1. Connect dimmerBox according to the diagram.

2. The device should be installed in a place protected from adverse weather conditions and environmental - for example in a flush-mounted box or inside the lamp housing. It is advisable that the device be fixed in a stable position and immobile. Due to the operating voltage of the device it is necessary that the connector on the controller are protected against accidental contact or short circuits, which could result in electric shock and / or equipment damage.

3. Make sure the device is properly connected and the antenna is far away from metal objects, electrical wires, 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. Use your computer to connect to the wireless network (dimmerBox - ******* 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 (dimmerbox - ******* 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.

14. Save your settings.

15. Reconnect your mobile device to the home network. Now you can control dimmerBox 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.

TECHNICAL SPECIFICATIONS dimmerBox			
electrical parameters			
supply voltage	12 – 24V DC	energy consumption	< 1W
control modes	leading edge, trailing edge		
control output		pushbutton inputs	
type of output control	output phase	Numer of inputs	2
maximum voltage	230V AC	Input type	logical, active when connected to N, configurable
maximum load	250W	Supported switches	All kinds
physical characteristics of the device			
dimensions	48x38x23 mm	protection level	IP20
housing	made of polyurethane composition not containing halogens, Self-extinguishing for Thermal class B (130 °C)	mounting method	In the box, the wall, inside the housing of the dimming device
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, 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 website or send us an e-mail: info@blebox.eu, you can contact technical support via email support@blebox.eu

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