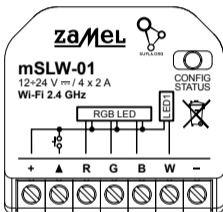




products by
zaMEL

USER MANUAL



RGBW Wi-Fi LED controller

supla mSLW-01

PL

GB

DE

ES

IT

PT

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RUS

1. BEFORE GETTING STARTED

FEATURES:

- Easy installation – just connect RGBW LED strip with mSLW-01 device. Once the RGBW LED strip is connected to the controller and concealed in an electrical box, local and remote controls is possible,
- in the app the device is shown as RGBW lighting, which can be controlled by means of two sliders – one to select the colour and the other to adjust brightness,
- with mSLW-01 you can comfortably control RGBW lighting from your smartphone or activate and deactivate it by means of a regular wall switch.

WHAT'S INSIDE THE BOX

- mSLW-01 device
- user's manual

WHAT YOU NEED TO GET STARTED:

- screwdriver / pliers,
- max. 1.5 mm² cable for connecting the power supply,
- It is recommended that the installation should be done by a qualified installer.

2. WARNING



CAUTION

The device must be connected to power supply in accordance with applicable electrical and safety standards or regulations. See this User Manual for the wiring instructions.

Installation, wiring and setting of this product shall only be done by qualified electrical engineers who have read and

understood this User Manual and the product features.

Prior to installing and wiring this product, make sure that the wiring to be connected is not live!

The device is designed for indoor installation. During installation, make sure that the device is not exposed to direct contact with water and that it does not operate in a humid environment. When installed outdoors, the device should be placed in an additional enclosure of hermetic type and protected against water penetration – in particular where connection terminals are located. Do not open or otherwise disassemble the product enclosure; otherwise the product warranty will be void and an electrocution hazard may occur. The conditions and methods of transport, storage and operation of this product may affect its performance. Do not install the product if any of its components is missing, the product is damaged or deformed in any way.

If any malfunctions are found, consult the manufacturer.

3. INFORMATION

During installation, make sure that the receiver is not exposed to direct contact with water and that it does not operate in a humid environment. The installation place temperature should be within the range of -10 and +55°C.

The mSLW-01 receiver is designed for indoor installation. When installed outdoors, the device should be placed in an additional enclosure of hermetic type and protected against water penetration – in particular where connection terminals are located.


ZAMEL Sp. z o.o. hereby declares that the type of mSLW-01 radio device complies with Directive 2014/53/EU. The entire EU declaration of conformity is available at: www.zamel.com



Do not dispose of this device with other waste! In order to avoid harmful effects on the environment and human health, the used device should be stored in designated areas. For this purpose, you can dispose of household waste free of charge and in any quantity to a collection point set up, as well as to the shop when you buy new equipment.

4. TECHNICAL DATA

mSLW-01

Rated supply voltage:	12÷24 V 
Rated power consumption:	0.4 W
Transmission:	Wi-Fi 2.4 GHz b/g/n
Maximum transmit power:	ERP < 20 mW
Number of inputs:	1
Number of output channels:	4 x PWM transistor
Number of terminals:	7 (conductor cross-section up to 1.5 mm ²)
Enclosure installation:	installation box Ø 60 mm
Operating temperature range:	-10 ÷ +55°C
Enclosure protection rating:	IP20
Dimensions:	40 x 37.5 x 17 mm
Weight:	0.05 kg
Maximum output current-carrying capacity:	2 A / per channel

5. GETTING STARTED IN 5 STEPS

LET'S BEGIN



download, install and launch
the supla mobile app



STEP 1

Install the app

5.1 INSTALL THE SUPLA MOBILE APP





STEP 2

create an account / log in

5.2 CREATING A SUPLA ACCOUNT

IF YOU DO NOT HAVE AN ACCOUNT

Create it by tapping "Create Account" in your app.

① Your email

🔒 Password

Sign In

ⓘ Forgot your password?

👤 Create an account

English

SUPLA Cloud 24.01.01 www.supla.org

IF YOU ALREADY HAVE AN ACCOUNT

Enter the e-mail address which you have used to create the account.

1

Create an account

Enter your email address

Enter strong password

Repeat password

I accept the Terms and Conditions and hereby agree for processing of my personal data for the purposes included in the said Terms and Conditions. Please read the Terms and Conditions.

Create an account

English

SUPLA Cloud 24.01.01 www.supla.cz

Sign in

CREATE AN ACCOUNT

On this page, enter the following data:

- e-mail address,
- password,
- password confirmation.

Confirm all information by tapping "Create an account".

2

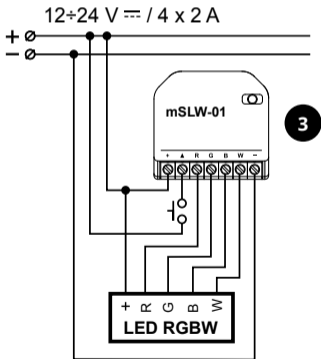


STEP 3

connect the power input wiring

5.3 WIRING CONNECTION DIAGRAM

Wire the mSLW-01 to the power supply system as shown in the diagram.





STEP 4

add the device

5.4 ADDING THE DEVICE AUTOMATICALLY



LAUNCH THE APP

Launch the app and tap “Add a device” in the menu.

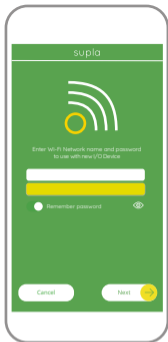
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LAUNCHING THE WIZARD

The “Add a device” wizard will be displayed. Tap “Next” to continue.



NETWORK PASSWORD

Choose a WiFi network to enable Internet connectivity for the device. Enter the network password and tap “Next” to continue.

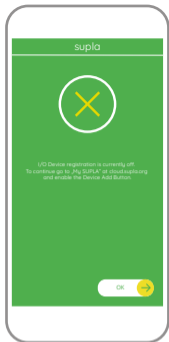
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CONNECTING THE DEVICE

Wire the power supply to the device as shown in the diagram. Make sure that the device STATUS LED responds as shown in the animation on screen. If it does not, switch the device into the configuration mode by holding the CONFIG button on the device. Next, press the START button.





NEW DEVICE REGISTRATION DISABLED

If the “New Device Registration Disabled” message is displayed, open this website:

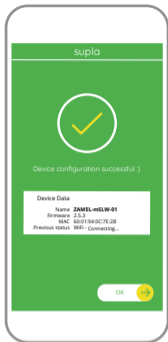
<https://cloud.supla.org/>,

Log into your account, go to the “My SUPLA” tab and Enable Device Registration. Next, repeat the device adding process.

8



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DEVICE ADDED SUCCESSFULLY

Adding a device is simple and should end without any problems. If the device is added successfully, the following message is displayed: "Device configuration successful". Tap OK. Now, the supla app should display the device which you have just added on the list. The mSLW-01 STATUS LED in the front goes on steadily when the connection with the server is active.

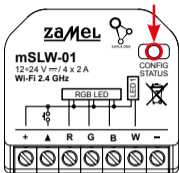
10

CAUTION!

If the connected device is not shown on the list immediately once the configuration is complete, check the device STATUS LED. When added for the first time, the STATUS LED of some devices may flash very fast and irregularly. This happens when the device controller is updating its firmware. A moment after the update, the STATUS LED should go on steadily which means there is an active connection with the server.

ADDING THE DEVICE MANUALLY

Add the device manually when the automatic device adding mode of the supla app fails somehow.



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DEVICE CONFIGURATION MODE

To do this, switch the device into the configuration mode by pressing and holding the CONFIG button until the STATUS LED starts to flash.

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CONFIGURING THE DEVICE

Now, find the device in the available Wi-Fi network list on your mobile device and connect to it. The Wi-Fi network name should begin with "ZAMEL-mSLW-01", followed by the device serial number.





Open a web browser and type the following address in the address bar: 192.168.4.1 and open it.

The configuration page will be displayed. Here, you can easily change the network settings.

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When done, tap “SAVE” at the bottom of the screen. The message “Data saved!” should be displayed. To confirm the entered data, briefly press the CONFIG button on the device. If the device connects to the server successfully, the STATUS LED will go on steadily.

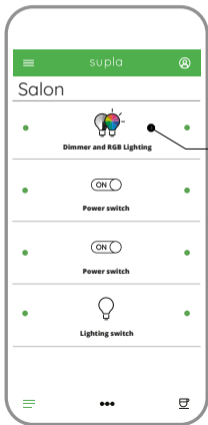




STEP 5

control the lights

5.5. APP FUNCTIONS

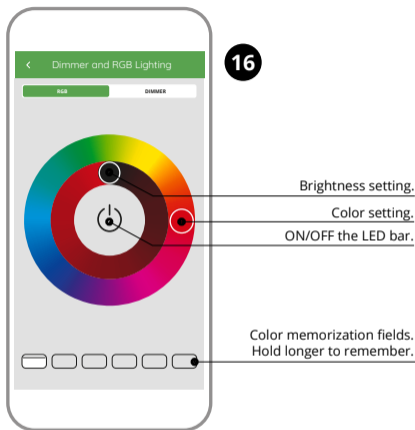


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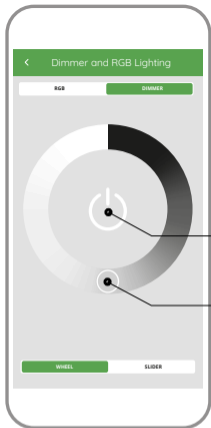
Main app window

Start controlling the lights remotely.

5.6. SETTING PARAMETERS RGBW LED



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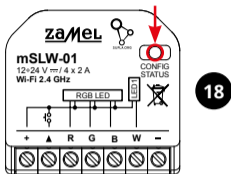


ON/OFF the dimmer.

Brightness setting.

6. RESETTING THE DEVICE

RESETTING THE DEVICE TO DEFAULT SETTINGS



1. Press and hold CONFIG

The STATUS LED should flash fast.

2. Release the CONFIG button

The STATUS LED will keep flashing.

3. Press and hold CONFIG again

The STATUS LED should blink once.

4. Release the CONFIG button

The device has been reset to defaults and restarts now. The STATUS LED should flash fast.

7. WARRANTY

1. ZAMEL Sp. z o.o. grants a 24-month warranty for the products it sells.
2. The warranty granted by ZAMEL Sp. z o.o. does not cover:
 - a) defects caused by transport, handling or other factors;
 - b) defects caused by improper installation or operation of the products manufactured ZAMEL Sp. z o.o.;
 - c) defects caused by any modifications or alterations made by the BUYER or any third party to the sold products or to the equipment required for the proper operation of the sold products; d) defects caused by any force majeure event or another fortuitous event beyond any reasonable control of ZAMEL Sp. z o.o.
3. The BUYER shall report all warranty claims in writing at the point of sale or to ZAMEL Sp. z o.o.
4. ZAMEL Sp. z o.o. will examine each warranty claim as regulated by the applicable provisions of the Polish law.
5. If found valid by examination, the warranty claim will be processed by replacement of the defective product, its repair or a refund of the price of purchase at the sole discretion of ZAMEL Sp. z o.o.
6. No rights of the BUYER arising from the statutory or regulatory laws concerning implied warranty for defects of sold goods are limited, prejudiced or excluded by this warranty.