MASTER
ELECTRONIC ● ELECTRIC
www.master-electric.gr

MASTER
Smart Home

LED CONTROLLER
(RGB)

SD-RGB

The **LED Controller SD-RGB** (3 channels) is a cutting edge product of the **MASTER Smart Home** line, suitable for managing and controlling lighting intensity and color for 12-24V DC RGB LED strips. Adjusting the intensity and color of your hidden lighting locally with a push-button, 1-10V protocol and remotely via the "MASTER Smart Home" app offers the perfect result. This user manual will help you install the "**MASTER Smart Home**" app for Android or iOS and enjoy the "smart" lighting control functions.

Works with Google Assistant voice commands

GET IT ON Google Play

Available on the App Store

works with the Google Assistant

Wi-Fi

Features

- Visualization, control and management of lighting intensity and color with linear dimming
- User-friendly, easy-to-use interface
- Works with the Google Assistant voice commands
- Secure connection to Wi-Fi
- No hub/gateway is required
- Time-schedules
- Maximum economy and comfort with smart scenes
- Low implementation cost in existing or new installations
- Soft Start function
- Electronic protection against short-circuit, overheating and overvoltage with automatic reset to operation

Control: Remotely via Wi-Fi and Internet with the «MASTER» Smart Home» app for smartphone, tablet and PC and locally, via button & 1-10V input.
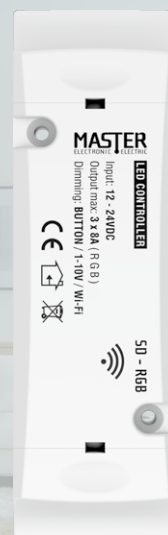
Technical Specifications

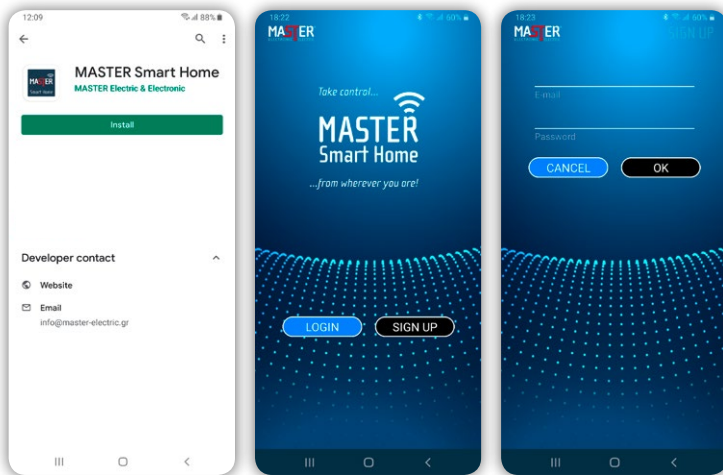| LED CONTROLLER	**3 Channel** (Digital)
OPERATING VOLTAGE	12-24V DC
OUTPUT POWER PER CHANNEL	96W / 12V & 192W / 24V
TEMPERATURE CONDITIONS	- of operation -20°C to +50°C - of storage -20°C to +60°C
WIRE SIZE	⌀ 0.5 mm to ⌀ 3.5 mm
FUNCTION	Soft Start
FUSE	Electronic (short-circuit, overheating and overvoltage protection with automatic reset to operation)

CE This product complies with the requirements of the following EU Directives:
2014/30/EE (EMC), 2014/35/EE (LVD)

This product should be disposed of in accordance with national laws and environmental protection requirements

Draft of Electrical Installation

CONTROL BUTTON

CONTROL 1 - 10V

Push the button to pair

LED CONTROLLER
Input: 12 - 24VDC
Output max: 3 x 8A (RGB)
Dimming: BUTTON / 1-10V / Wi-Fi

SD - RGB

INPUT: 12 - 24VDC

DIMMABLE OUTPUT: 12 - 24VDC / 3x8A
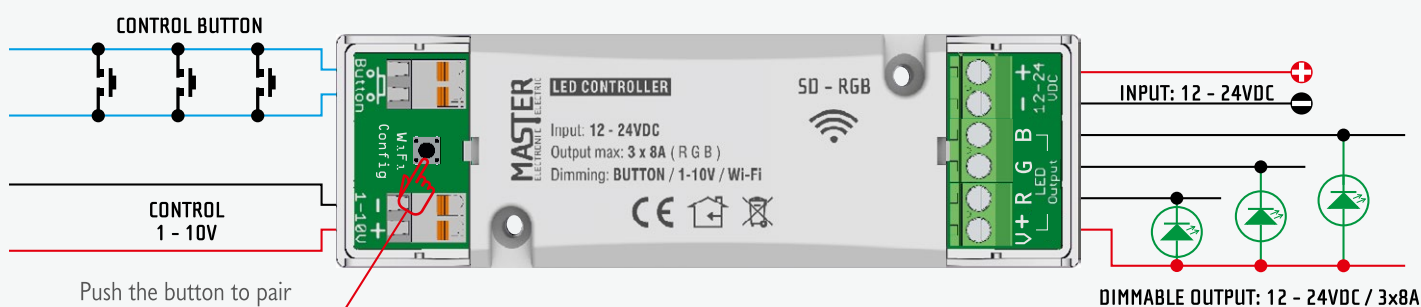
Create a User Account

Step 1

Step 2

Step 3

Download the «MASTER Smart Home» free app and create an account.

Step 1
Download the "MASTER Smart Home" application from Google Play or the App Store.
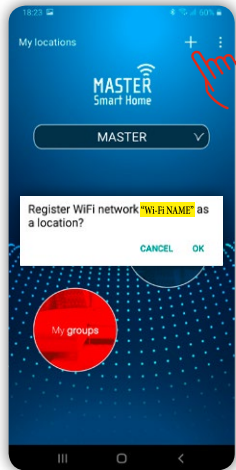
Step 2
Launch the application and tap "SIGN UP".

Step 3
Enter your credentials, tap "OK" and follow the instructions in the activation email you received.

Create a Location

Step 4

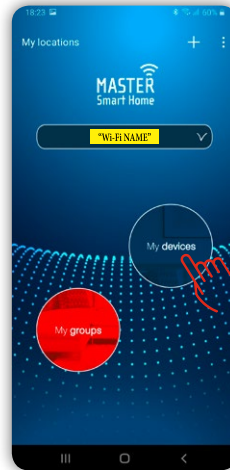*Create easily and quickly different locations for the office or home.*

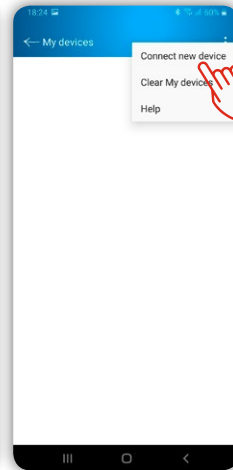* First, make sure your Smartphone or Tablet is connected to your local Wi-Fi network.

Step 4
Sign in to the "MASTER Smart Home" application and press "+" to create your location.

* *The name of the location that originally appears, is the name of your wireless local Wi-Fi network.*

New Device Connection

Step 5

Step 6

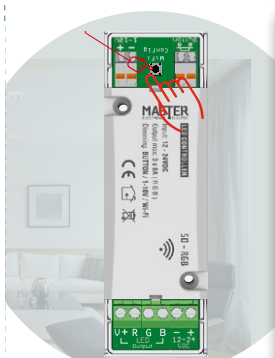*Create easily and quickly different locations for the office or home.*

Step 5
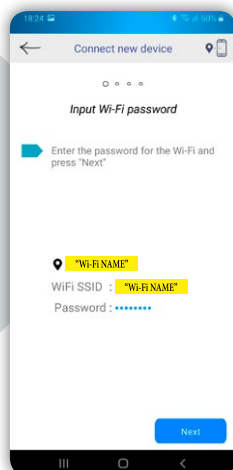From the app homepage, select "My Devices".

Step 6
Press " ⋮ " and select "Connect a new device" from the popup window.
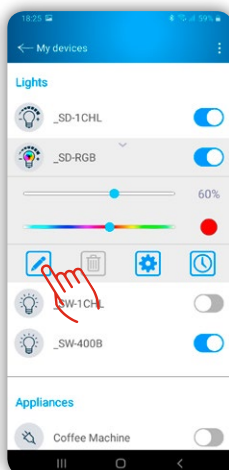

New Device Connection

Press for 2 seconds the "Wi-Fi Config" button on the SD-RGB led controller

Step 7

Step 8

Step 7
Press for 2 seconds the "Wi-Fi Config" button on the SD-RGB led controller and follow the instructions in the «MASTER Smart Home» application.

* *The "SSID" field automatically displays the name of your Wi-Fi network.*

Step 8
After its successful connection, the SD-RGB led controller appears in «My devices». Select the connected controller to operate or configure it.