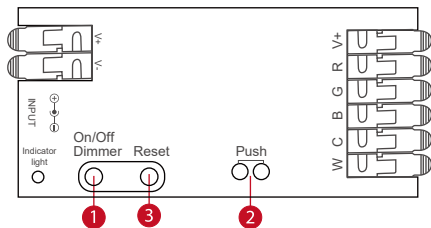




GLEDOPTO[®]

Matter LED Strip Controller User instruction

GL-C-I-208M



SPECIFICATION

Model No.:	GL-C-208M
Input Voltage	DC 5-12-24V
Output Current/Channel	15A Max
Total Output Current	20A Max
Protocol	Matter
Material	Flame Retardant PC
Operating Temperature	-20~45°C
Protection Rate	IP20
Size	108x45x18mm

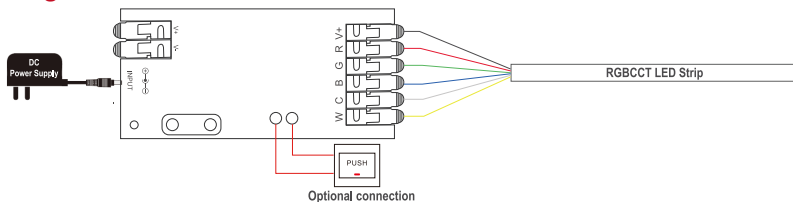
1 2

Short Press: Switch On/Off.
Long Press: Adjust Brightness.

3

Short press once: Restart the device.
Short Press for 5 times: Reset the controller, entering network pairing mode.

Wiring diagram



Compatible platforms



1. **iOS:** Home app + HomePod

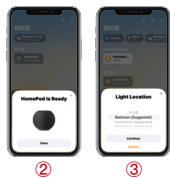
2. **Alexa:** Amazon Alexa app + Echo Dot

3. **Google:** Google Home app + Google Nest Mini

Note: Please ensure that your speaker and APP (system) versions are compatible with Matter.

Network connection

1. Properly connect the controller to the power supply and LED strip.
2. Open the APP and ensure that a smart speaker is added and online (ensure the smart speaker supports Matter).
3. Add the controller and follow the instructions in the APP.
4. The LED strip will breathe twice to indicate a successful connection with the speaker. Save the controller as instructed in the app to start using it (if the speaker cannot find the controller, try powering the controller off and on again or resetting it).



Before network configuration:

When the device is powered on, if it is in setup mode, the light strip will perform two soft flashes (gradually changing brightness from 100-20-100).

After successful network configuration:

The light strip will flash softly twice (brightness gradually changes from 100-20-100) to indicate that the network configuration is successful.

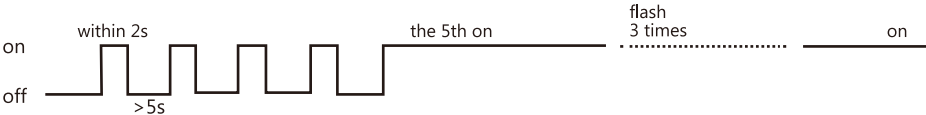
Reset method

1. Button Reset:

Short press the RESET button 5 times. The light strip flashes 5 times and then breathes 2 times, indicating that the reset is complete.

2. Power On/Off Reset:

1. Power on the light strip controller.
2. Power off the controller within 2 seconds.
3. Wait for at least 5 seconds to ensure a complete power-off.
4. Repeat the above steps 5 times.
5. Then power on; the LED strip will light up in cold white and breathe, indicating the reset is complete.



Attention

1. Before turning on the power, please ensure that all wiring is correct and secure. Do not operate while the power is on.
2. Use the product under the rated voltage. Overvoltage or undervoltage may cause damage.
3. Do not disassemble the product, as it may cause fire and electric shock.
4. Do not use the product in direct sunlight, damp, high-temperature, or other harsh environments.
5. Do not use the product in metal shielded areas or near strong magnetic fields, as it will severely affect the wireless signal transmission of the product.

DISCLAIMERS

- ★ Our company will update the content of this manual according to product functionality improvements. The updates will be reflected in the latest version of this manual without further notice.
- ★ Due to our continuous adoption of new technologies, the product specifications may change without prior notice.
- ★ This manual is for reference and guidance purposes only. It does not guarantee complete consistency with the actual product. Please refer to the actual product for practical applications.
- ★ The components and accessories described in this manual do not represent the standard configuration of the product. The specific configuration is subject to the package contents.
- ★ All text, tables, and images in this manual are protected by relevant national laws and may not be used without our company's permission.
- ★ This product is compatible with third-party products app. However, our company takes no responsibility for any issues that may arise from changes made by third-party products, resulting in incompatibility or the partial loss of functionality.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.