# GLEDOPTO®

## ACK Matter RGBCCT Controller
### User instruction

**INPUT**

Indicator light
On/Off Dimmer   Reset   Push

V+ R G B C W

① ③ ②
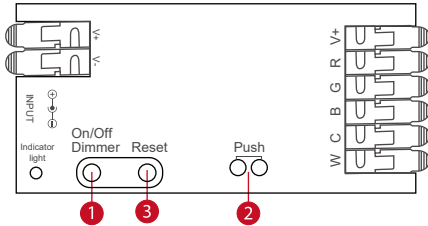
## SPECIFICATION

| 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℃ |
| 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



DC Power Supply

INPUT

V+ R G B C W

RGBCCT LED Strip

PUSH

Optional connection
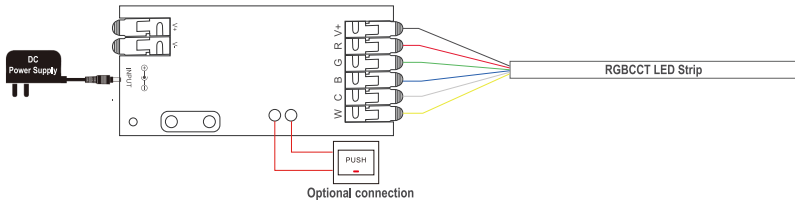
## Compatible platforms



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.



②     ③

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).
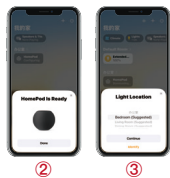
**Before network configuration:**

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.
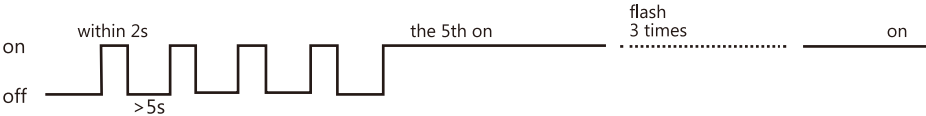


1. Before turning on the power, please ensure that all wiring is correct and secure. Do not operate while the power is on.

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.

**Attention**

## 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.