

# MC-RGB-V1 Bluetooth controller instruction

## 一、 Operation

- 1、 Press button for 3 seconds to power on controller, LED will be on and indicates battery remaining.
- 2、 Controller will power off when can't detect Bluetooth connection over 1 minutes after power on, in this period needs to search and connect to device via Bluetooth, default device name in Bluetooth connection is BR2262e-s;
- 3、 LED will flash in Blue after connected to Bluetooth device;
- 4、 After connected to Bluetooth device, it can send specific commands via APP to controller for below activities:
  - \*Read battery remaining ( default to read only 100,66,33,0 ) .
  - \* Set LED Q' ty to be controlled (default as 12pcs) .
  - \* To control LED to light on with fixed color.
  - \* To control LED to change color with fixed mode.
  - \* To control each LED lighting color.
  - \* To read Bluetooth device name and firmware number.
- 5、 Press button when it's with Bluetooth connection, LED will light in different color to show different battery remaining:
  - High battery remaining (>66%) : light in Green
  - Medium battery remaining (33%-66%) : light in Yellow
  - Low battery remaining (<33%) : light in Red
  - When battery remaining is too low (battery voltage<3.2V) : Strobe in Red
- 6、 Press button for 5 seconds, Controller will power off.

## 二、 Parameter

- 1、 Discharge voltage: 5V
- 2、 Standard power supply : 5V/1A (recommended)
- 3、 Charging current: 300mA
- 4、 Sleep mode (power off with battery connected) power consumption: 15uA

5. Output power consumption: determined according to lighting mode of externally inserted LED strip, Maximum peak value: 1A

#### FCC statement

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.

Caution: 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.

#### Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.