

Model Number: MB-RGBW

Product Name: RGBW Blueooth LED mini Controller



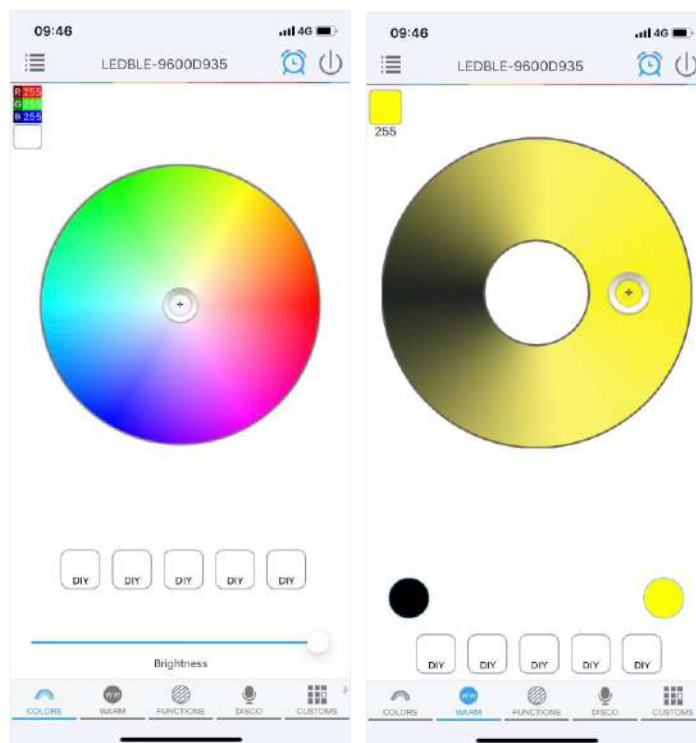
## I: Product Parameter:

Category	LED Controller
Domination Principle	BLUETOOTH
APP	Magic Light
Language	Chinese、English
Operation Platform	Android 4.3 or IOS 7.0 or later
LED Drive Type	Constant voltage:MOSFET
Channels	RGBW
Input Voltage	DC (5-24)V
Max Output Power	100W
Work For	LED Strip or other constant voltage lights
Connect Method	Common Anode
Working Temperature	-20~+55°C
Control Distance	Visible distance 30M
Certification	CE, RoHS,FCC
Warranty	1 Year
Net Weight	42.5g
Dimension(L*B*H)	53MM*24MM*11MM
Carton Size(L*B*H)	55CM*29CM*23CM
QTY Per Carton	200Sets/CTN
Gross Weight	5.7kg

## II: APP Interface Instruction

### a) Support 16 million color control and brightness adjustment

You can adjust both the color RGB(Red/Green/Blue) as well as the brightness of the color. It's likewise possible in this function to adjust and store 5 own created colors and brightness levels. You can save this, if you press long on the “DIY” button. The adjusted color/brightness will be stored and displayed in the “DIY” button. You can recall the color/brightness if you press shortly on one of the five DIY buttons. On the display top left, the individual channels R/G/B can be called separately and adjusted from 0-255 to obtain the desired color.

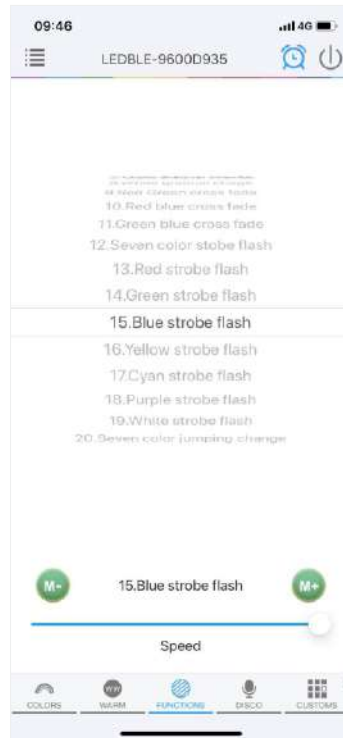


### RGBW

In addition to the functions as in RGB mode, the warm white channel adjusts separately. (Warm White & RGB channels cannot be used simultaneously.)

## b) Function

In this capacity, 20 programmed are preset. In addition, you can adjust the speed of the gradients with a slider. With the keys M+/M- or scroll up and down you can switch between the preset modes.



## c) Microphone function

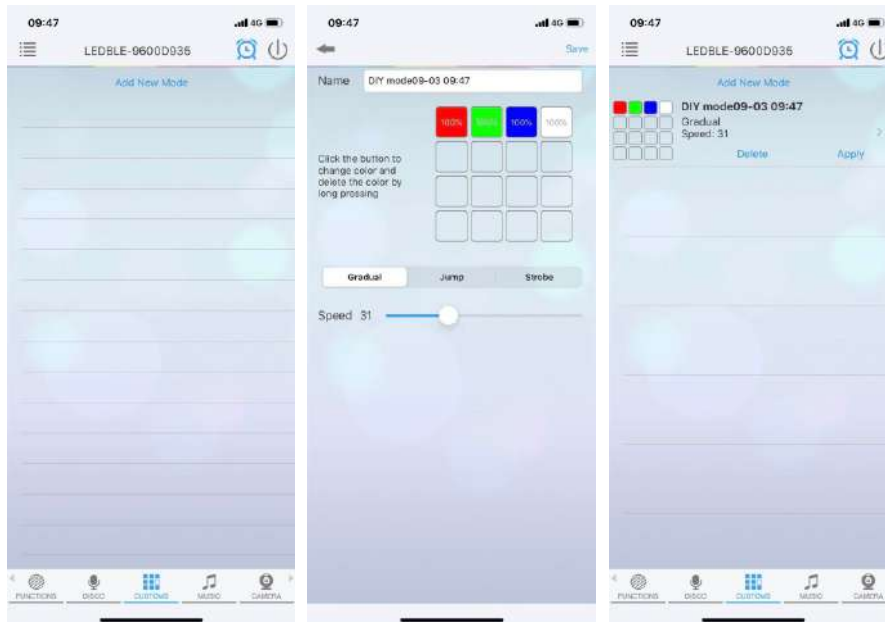
Click/ go to “Disco” interface of the APP.

In this function the connected LED light lights up depending on the volume/noise from the outside like a microphone. This also works when playing music or there is a noise from outside, the light will begin “dancing” base on different rhythm. The microphone sensitivity can be adjusted by the slider.



#### d) Support for customised colours and preservation

In DIY function, you can select your favorite colors and gradual, jump or strobe between the functions. Press the menu “customs” and then “Add new Mode”. By briefly pressing one of the selection rectangles you can change the color. By pressing long, you can delete the color. It can be defined in a sequence up to 16 different colors. After setting the color, speed and award of the user mode name, press “save” on the top right. Now you see your personal role in the selection mode. You can create unlimited changing modes and they can always be edited or deleted.



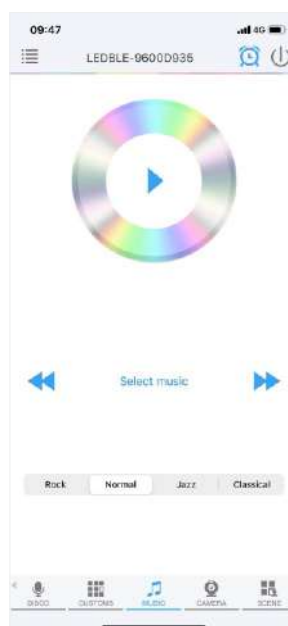
#### e) Music Function

Select your music songs in your smartphone and play them, lighting will dance based on rhythm

4 styles for choice: NORMAL for default music style, ROCK for rock & roll music style, JAZZ for jazz music style, CLASSICAL for classical music style.

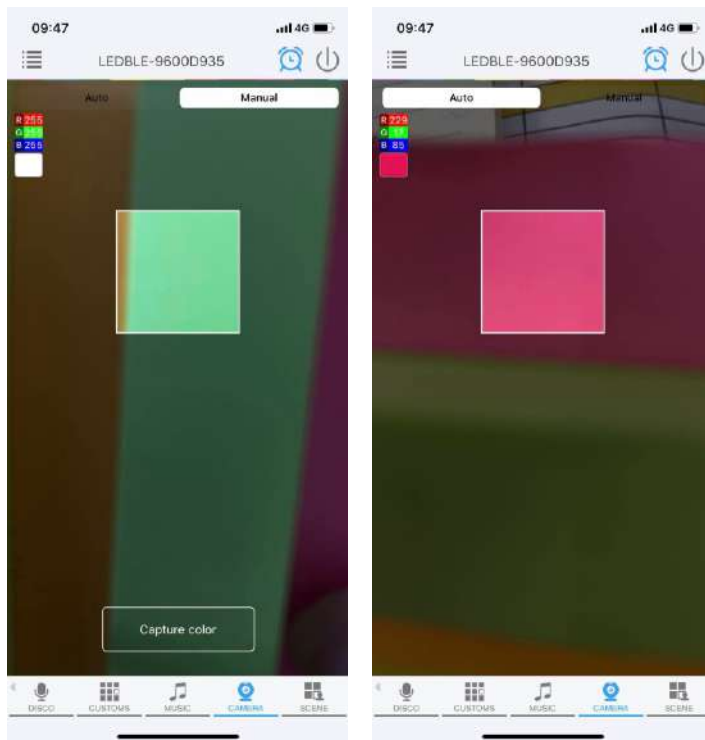
IOS system needs to download music from iTunes or copy audio files from computer's iTunes to iPhone

Android system needs to download the music to phone for use music.



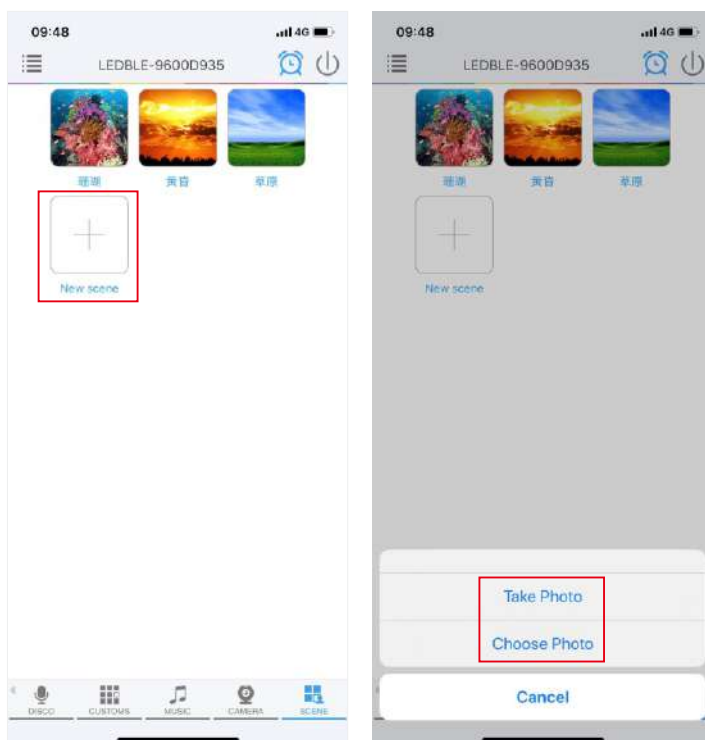
### f) Background color function of camera

In this function, you can select a color with the smartphone or tablet where you point the camera of your smartphone or tablet to an object. The selected color will be display from the connected LED light in the RGB spectrum. This can be done manually transmitted to the LED light with “Manual” “Capture color” or switch to “Auto” and the LED light will show immediately the color which has been selected on the camera.



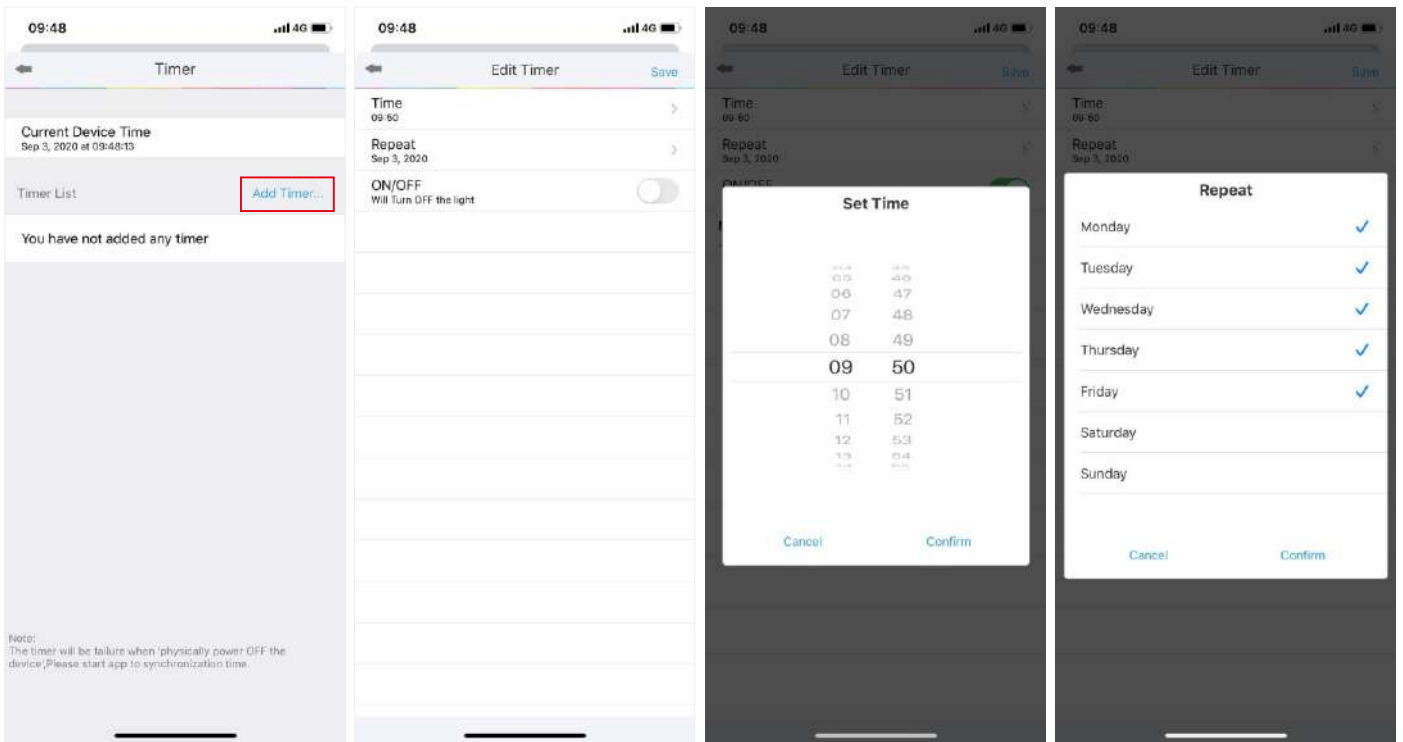
### g) scenes

Choose different scenes to meet your needs or create your own favorite scenes.

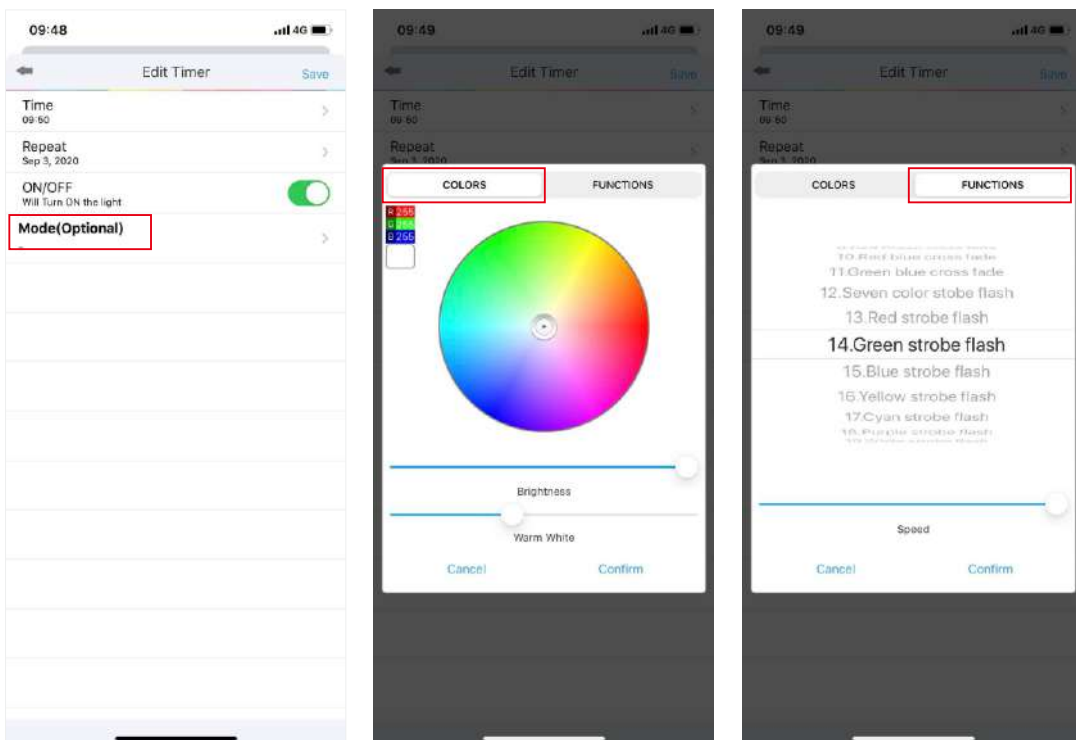


## h) Light timer

You can have your lights automatically turn on or off in a specified time by setting up the timer.

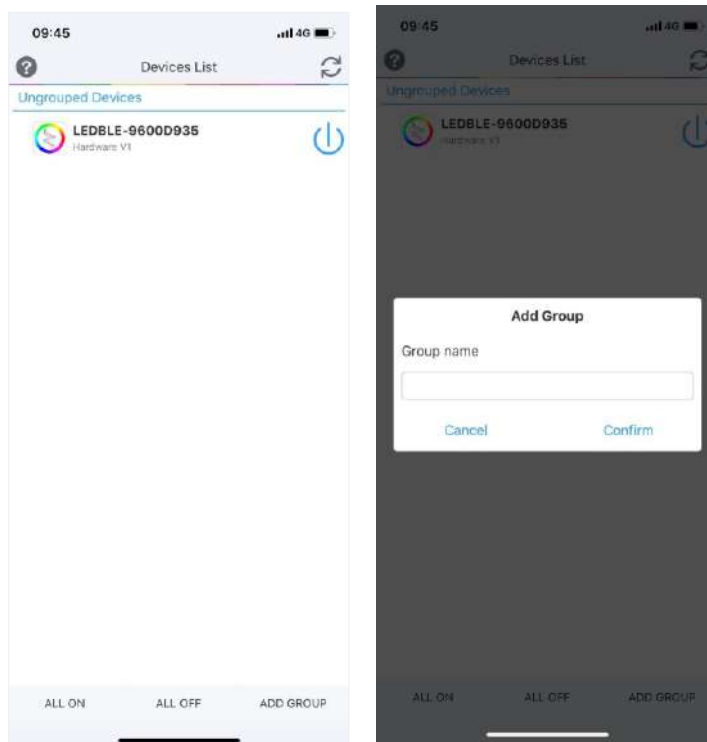


The controller has a built-in timer function. To do so, press on the top right, next to ON/OFF, switch the clock icon. Then the selection menu will be shown with time, Repeat (Mon-Sun), ON/OFF switch and the optional Model (color setting, Brightness and gradient program.) The timer will not operate when the power supply is interrupted. In this case, start the APP to resynchronize.



### i) Group Function: control all the LED lights at the same time

- 1) Create group(s) and add the LED lights into group(s).
- 2) You can control the LED lights with color change, brightness change, turn on/turn off etc.
- 3) You can rename group(s) to make them easier for use.



## ATTENTIONS

Please use the product in a dry environment; Please use the input voltage at 5-24V DC voltage, must not connect into 220V AC directly; The product is requested common anode connection. The wrong connection will cause a malfunction.