**Model Number: BWCE-RGB-R24A1**
**Product Name: Wi-Fi MiNi RGB LED Controller + 24Keys Remote Controller**
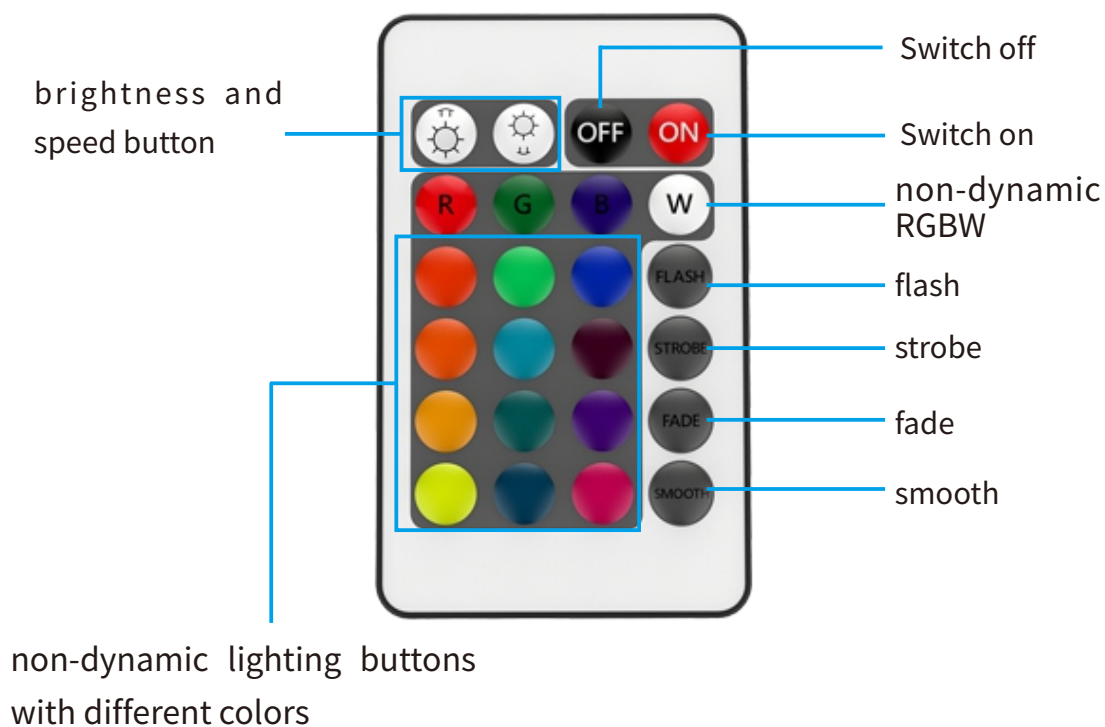


# Product Parameter:

| | |
|---|---|
| Category | LED Controller |
| Domination Principle | WiFi |
| APP | Magic Home Pro |
| Language | Chinese、English、Japanese、German |
| Operation Platform | Android 4.0 or IOS 9.0 or higher |
| LED Drive Type | Constant voltage：MOSFET |
| Channels | RGB |
| 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℃ |
| Control Distance | Visible distance 30M |
| Certification | CE, RoHS, FCC |
| Warranty | 1 Year |
| Net Weight | 33.5g |
| Dimension(L*B*H) | 53MM*24MM*11MM |
| Carton Size(L*B*H) | 50CM*25CM*21CM |
| QTY Per Carton | 100set/CTN |

# I: Instruction of Remote Controller

Remote control code matching function: power on the device, hold down "ON" key for 5 seconds, the device flashes slowly to indicate successful code matching.
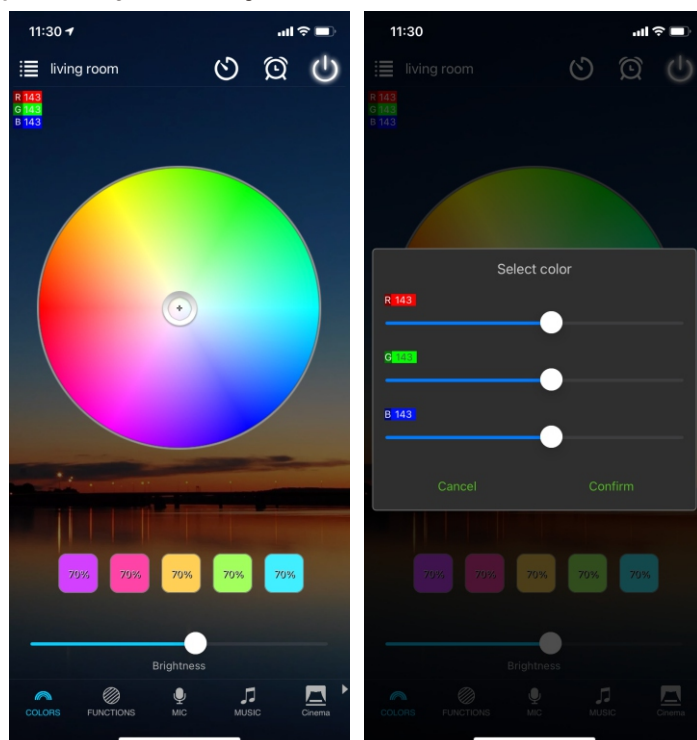
Remote code clearing function: power on the device, hold down "OFF" key for 5 seconds, the device flashes quickly to indicate successful clearing.

brightness and speed button

Switch off

Switch on

non-dynamic RGBW

flash

strobe

fade

smooth

non-dynamic lighting buttons with different colors

# II: APP Interface Instruction

## a) Colors

Support 16 million colors control and brightness adjustment.5 own created colors and brightness level will be stored by pressing long on the "DIY" button and recalled by short pressing the same button.On the display top left corner,the individual channels R/G/B can be called separately and adjusted from 0-255 to obtain the desired colors.
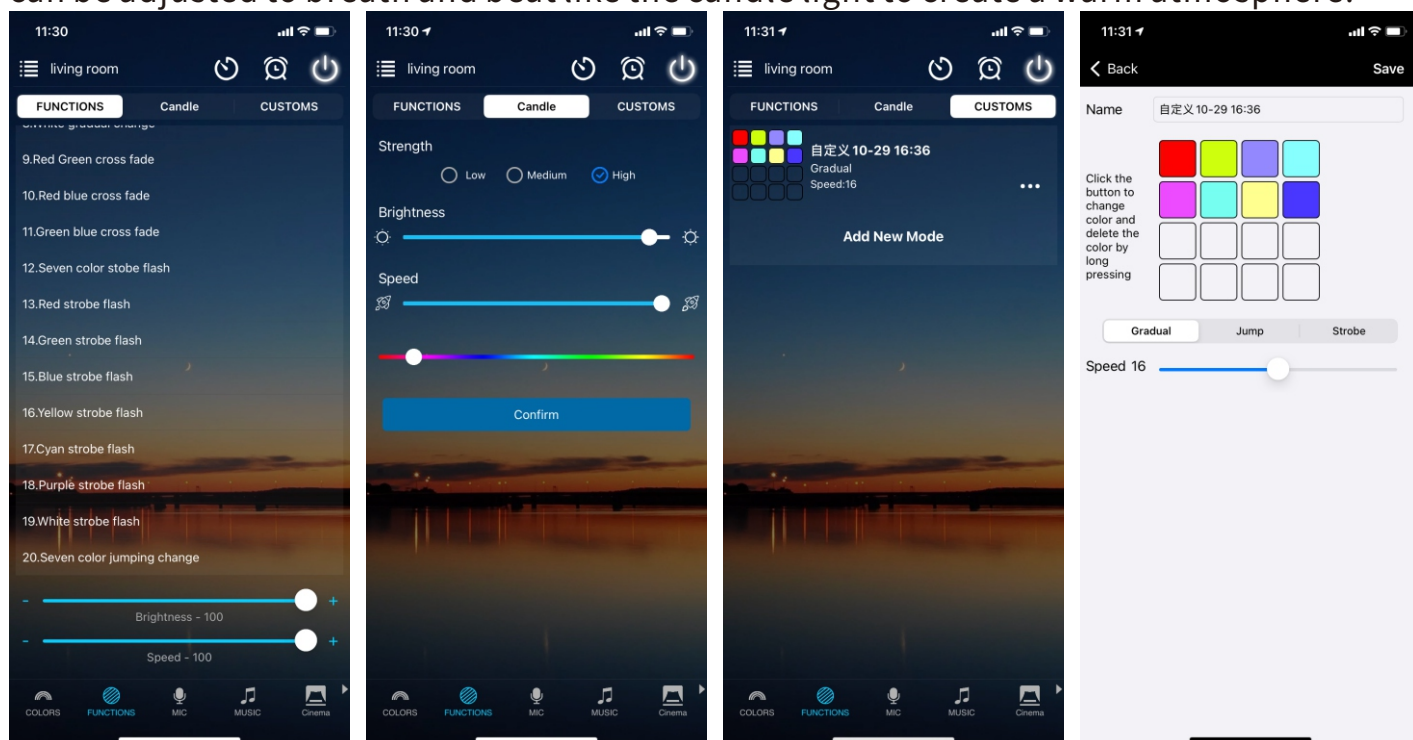


## b) Functions

 20 preset dynamic modes, convenient for users to access different lighting modes directly.

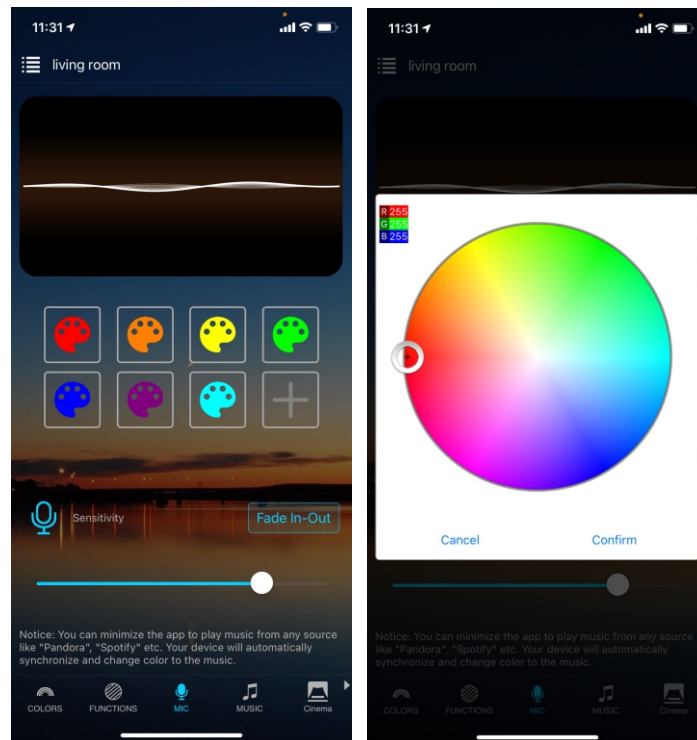Support for customized colors and preservation.

Each group of 16 colors can be selected for different colors transformations, and there are three dynamic modes of gradual change, jump, and strobe for selection.

Added candle light mode function, adjust brightness, speed and color freely, the light can be adjusted to breath and beat like the candle light to create a warm atmosphere.
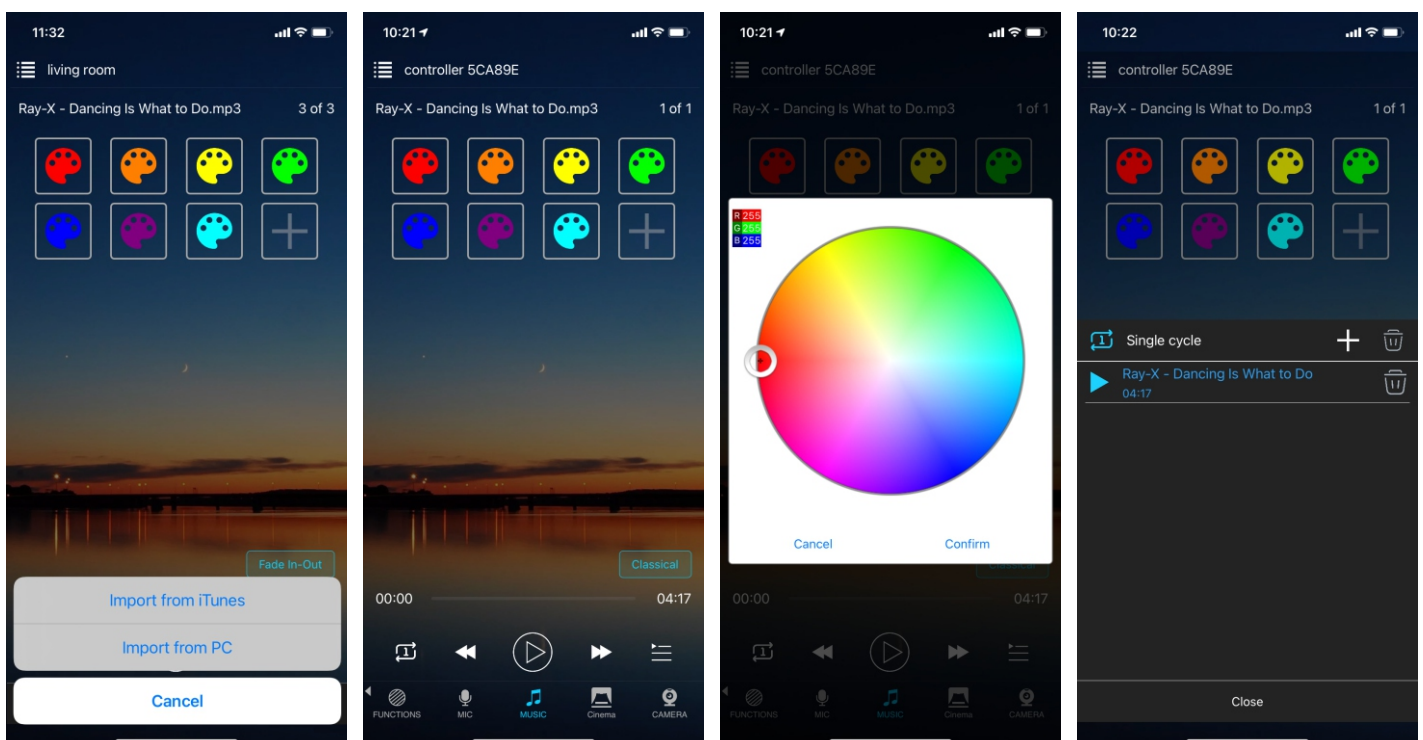
## c) Microphone

Click/ go to "Mic" 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.
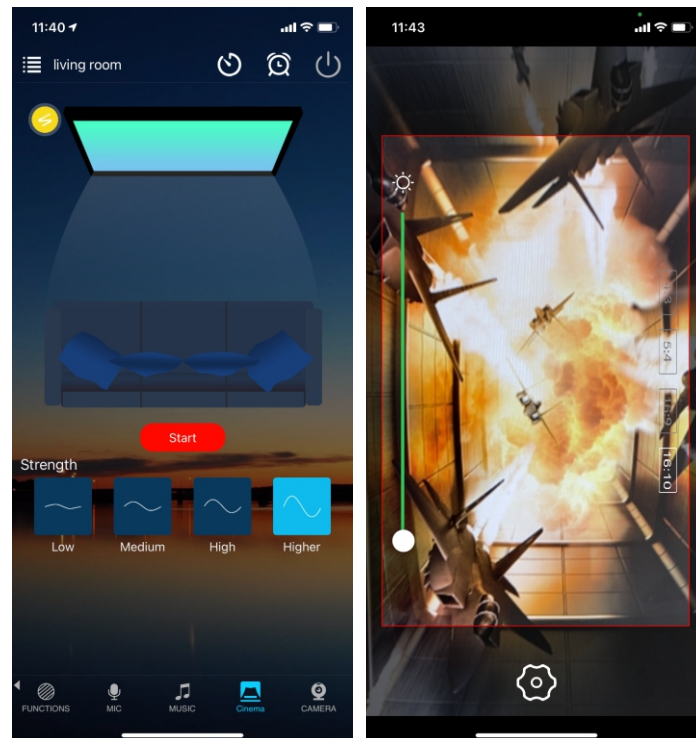


## d) Music
### Synchronization function of lighting and music rhythm

The IOS system needs to download music files in iTunes or import music from PC according to the instructions to synchronize the lights with the music rhythm.
Android system needs to download music files to the mobile phone for use.

## e) Cinema

Obtain the color through mobile phone camera and change the color effect according to the TV screen automatically, creating a wonderful viewing atmosphere.
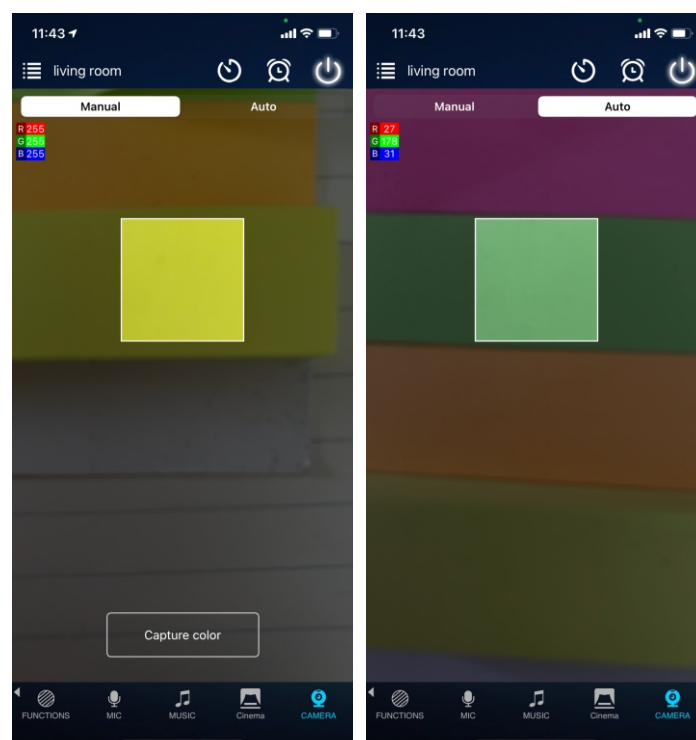
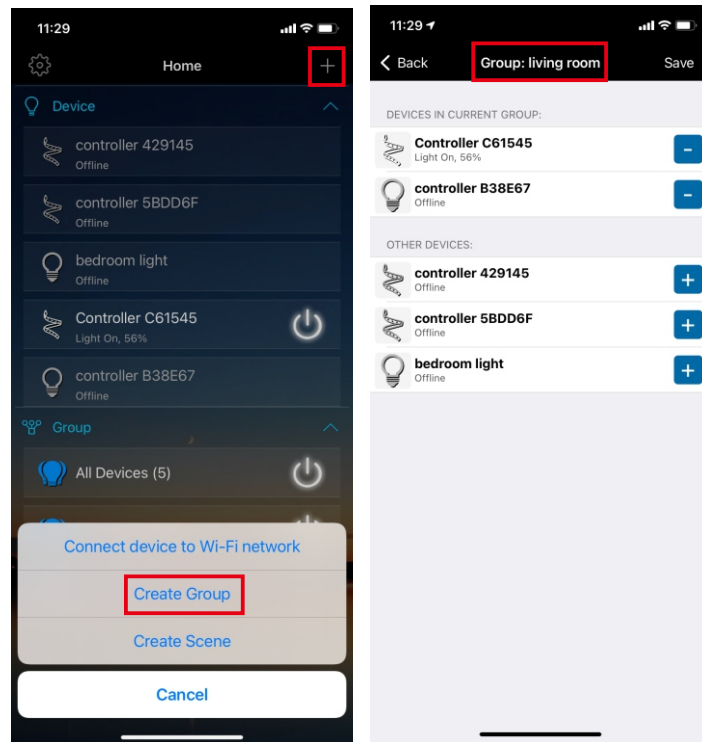

## f) Camera

Camera capture background color function

Manual mode: Manually press to select where the camera is currently pointed for color recognition and conversion.

Auto mode: The area where the camera is aimed at is the coloring area, and the light color will changed accordingly.
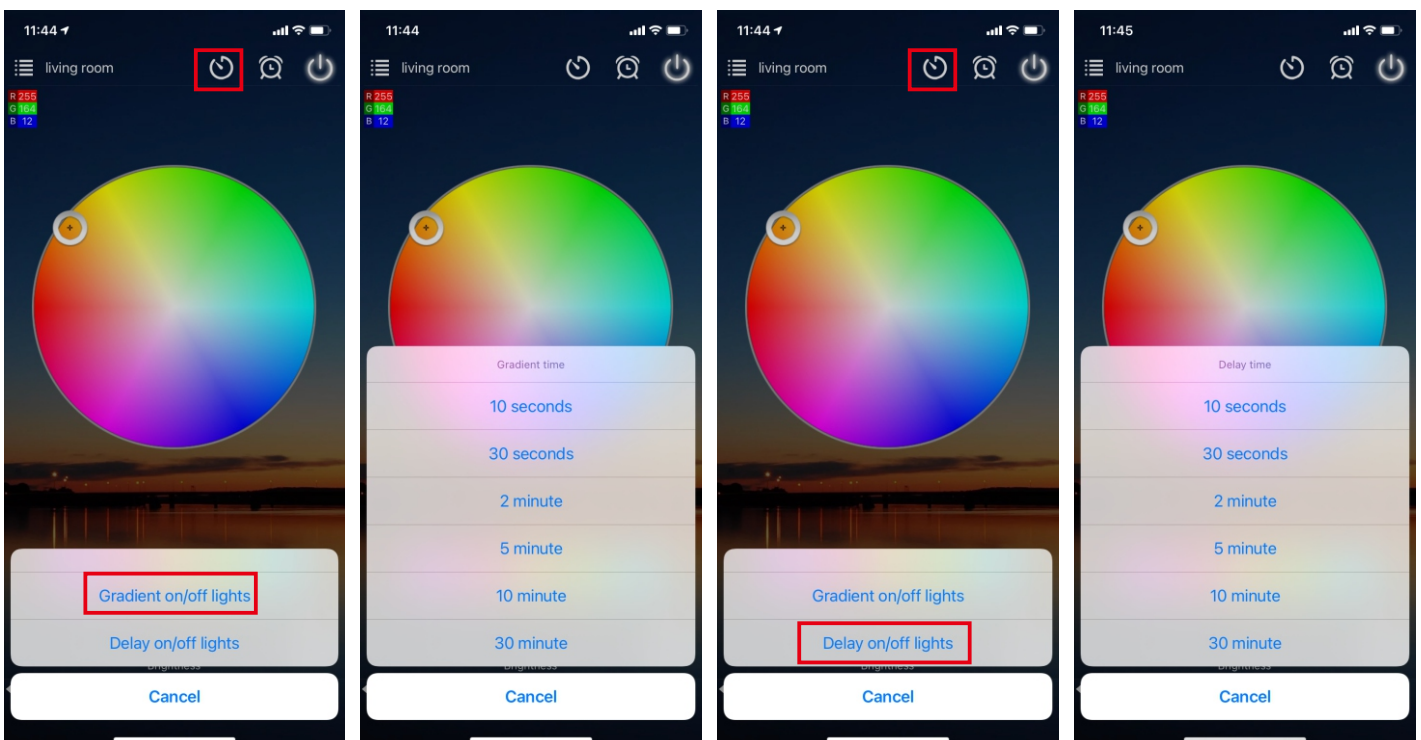
## g) Group Feature

Magic Home Pro allows you to create different groups to control more than one controllers,for example,if you have 5 controller units,you can use 2 devices in your living room &the others out on your patio.The grouping function allows you to either control these devices individually or to group them together as one unit.
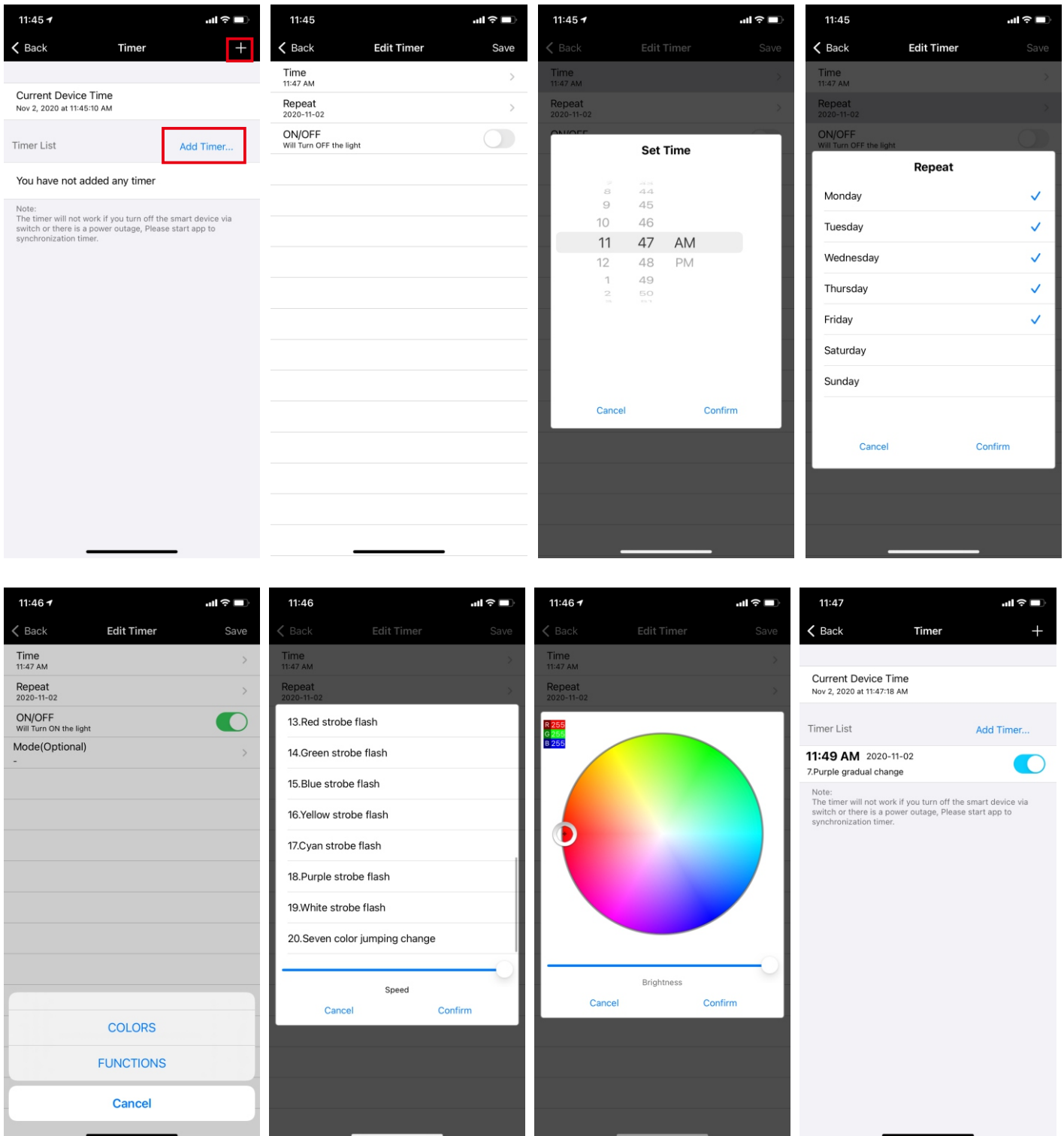


## h) Gradual change or delay switch function

You can set the timer to delay or gradually turn on and off the lights according to your preferences.

## i) Light timer

You can have your lights automatically turn on or off in a specified time by setting up the timer. To do so,press on the top right clock icon,then follow the prompts to set the timers to automatically switch the lights ON/OFF with specified colors or changing modes on the specified time.



## Attentions

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