







# Bluetooth Single Zone Control Install Instructions

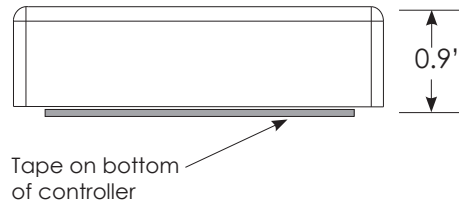
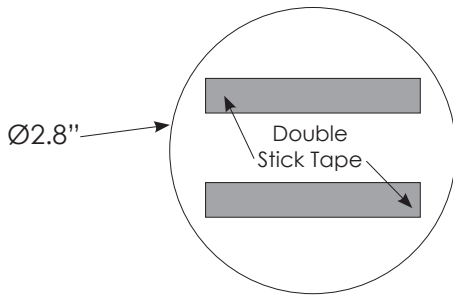
(Part #'s: 230-00041)

PARTS / TOOLS NEEDED:			
			
RGBW Bluetooth Controller	RGB or RGBW Lighting (Varies)	Double Stick Tape - Optional (not provided)	Alcohol Wipes (not provided)

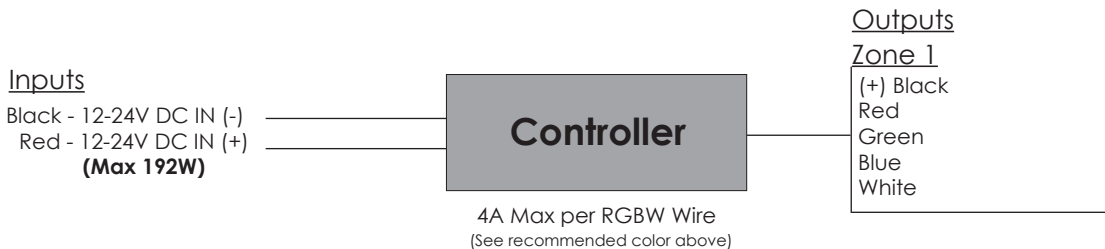
### Safety Instructions

- Disconnect power before installing, adding or changing any component.
- To avoid a hazard to children, account for all parts and destroy all packing materials.
- Do not install any luminaire assembly closer than 6" from any combustible materials.
- Positive (+) inputs require a fuse if the attached wire leads are not rated to handle the max current.

- 1. INSTALL:** Determine the installation location for your controller. Make sure to consider the size of the controller when determining your location. Note, it will require room for access and for wiring. Once determined the single zone controller can be attached with double stick tape.
  - First clean the back of the module and the install location with alcohol wipes (not provided). Place the double stick pads (not provided) on the back of the module as shown below. Remove the paper and stick the module in place.
  - Do not install in an area where the controller will get wet.



- 2. WIRING DIAGRAM:** Follow the wiring diagram below to wire the module to your system.



### 3. WIRING CONSIDERATIONS:

- Don't power the controller or lights until all connections are made.
- It is recommended that strain relief be added on all wires to prevent any damage to the lights.
- If fuses are not included on the RGBW controller then ITC recommends including fuses on each zone output (+) wire.
- If installing a flexible lighting product, do not install the end caps in the mounting track or it may damage the light.
- To test the lights, select the single color fade for each of the colors, red, green and blue on the Magic Light-BLE app. This test will show whether there are wiring issues.

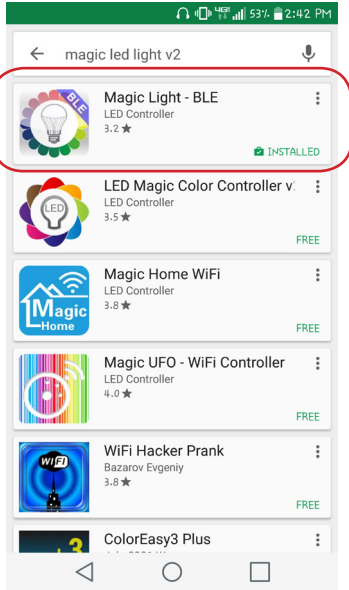
For warranty information please visit [www.itc-us.com](http://www.itc-us.com)

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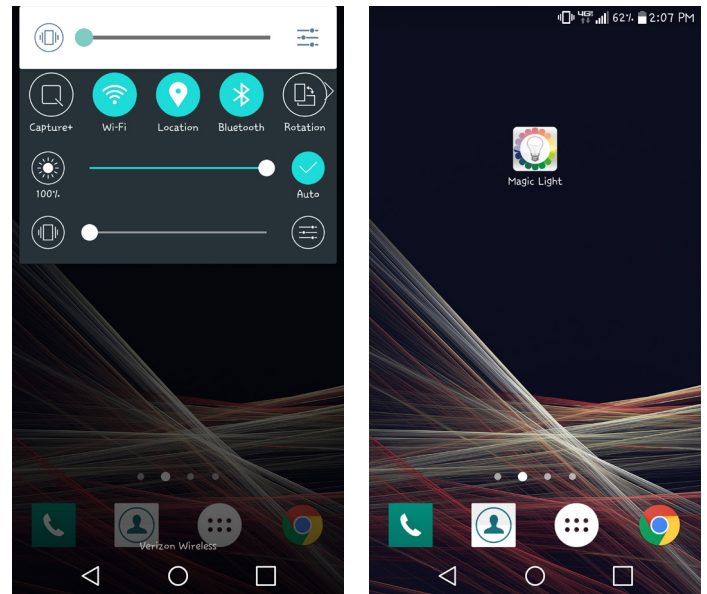
Phone: 616-396-1355 • [www.itc-us.com](http://www.itc-us.com) • [sales@itc-us.com](mailto:sales@itc-us.com) • DOC#: 710-00016 Rev D • 04/18/18



**1. Download App:** Search "Magic Light-BLE" in the App store or "Magic LED Light V2" in the Google Play Store and click install. Depending on your operating system, Android or IOS, your screen layout may differ slightly from the following screenshots.



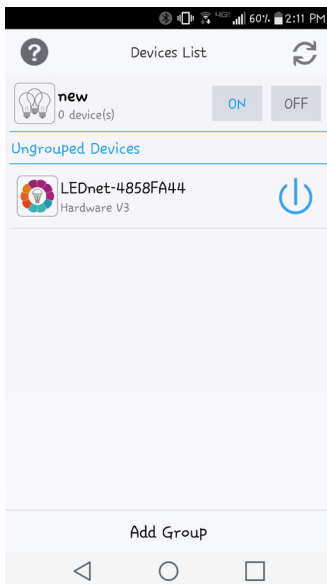
**2. Open App:** Turn on the Bluetooth on your phone or tablet and open the app.



**3. Find Device:** Once you open the app it should automatically connect to the blue-tooth controller. If it does not connect right away you may need to turn power off to the controller and turn it back on.

You can also customize the name of the controller to make it easier to find if you have multiple controllers.

Clicking on the question mark in the upper left will take you to a help screen.



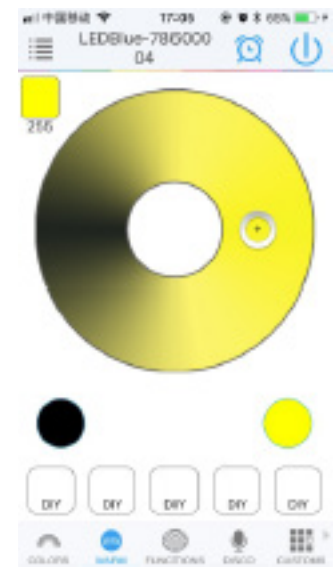
**4. Color & Brightness:** Click the device you want to control and it will bring up a screen where you can adjust the color and brightness. Color can be adjusted by pushing anywhere on the color wheel and brightness can be adjusted by sliding the yellow bar left or right.

If you need to return to the devices list simply press the lines and dots in the upper left.



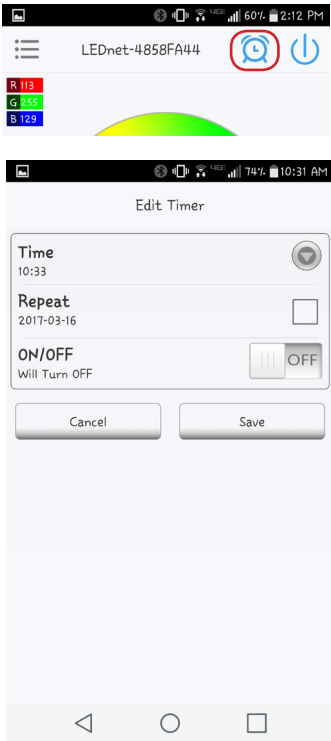
Long press to select & save your favorite colors

**5. White Adjustment:** The white color can be adjusted by pushing the warm button and clicking anywhere on the color wheel. Note, the RGB and white channels cannot be used at the same time.

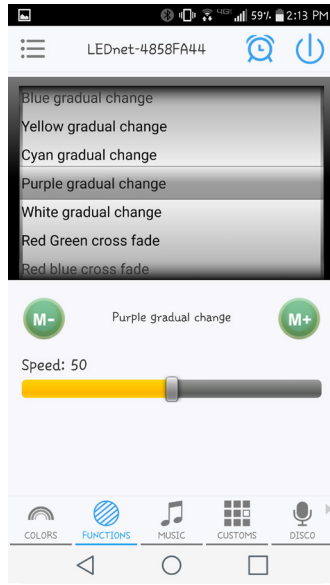




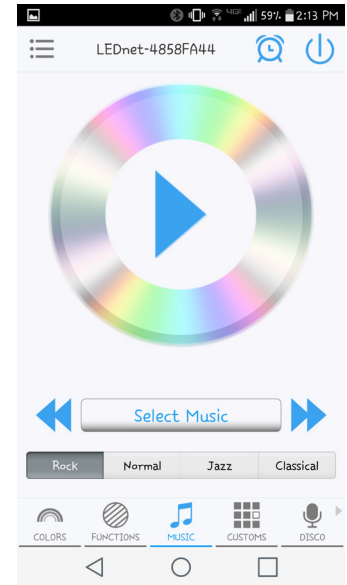
**6. Timer:** The timer feature allows you to set the lights to turn on or off at a certain time.



**7. Functions:** There are many effects pre-loaded on the app from single color fades to multi-color fades. You can also select the speed of the fade by sliding the yellow bar left or right.



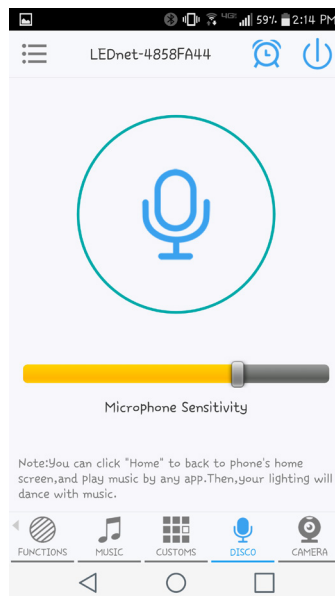
**8. Music:** The controller has the ability to change the lights to the beat of music. Push the play button and select your desired music. Please note, music must be installed on your phone or tablet, the controller will not work with streaming programs.



**9. Custom Effects:** You can customize your effects by selecting the color, jumping, strobe, etc.



**10. Disco:** If you select the microphone option the lights will change based on the sounds your phone picks up.



**11. Camera:** Using the camera feature you are able to take a picture of a favorite color and the lights will match that color.

