Model number：RSIKCS & RSBTRGBL2

Product Description:

This Bluetooth RGB/W Controller is a universal controller for use with both iOS & Android devices. Using Bluetooth 4.0 and the most advanced PWM (pulse width modulation) control technology, up to 3 channels (Red,Green,Blue) can drive 5-24v LED lighting products like our 5050 strip lighting.

Easy to install and easy to use, this controller includes multi-mode selection, brightness & speed adjustment, memory, and more through the smart phone app. Dynamic modes such as jump, fade, and strobe are also included.

Technical Parameters

- Working Temperature：-4~131°F (-20~55℃)
- # of Outputs：3 Channels
- Dimensions：L62mm×W35mm×H22mm L2.44”×W1.38”×H0.87”
- Output Current：< 2 Amps/Channel
- Supply Voltage：DC5-24V
- Connection Mode：Common Anode
- Net Weight：330g
- Output Power: <72W @ 12V; <144W @ 24V

Direction for use:

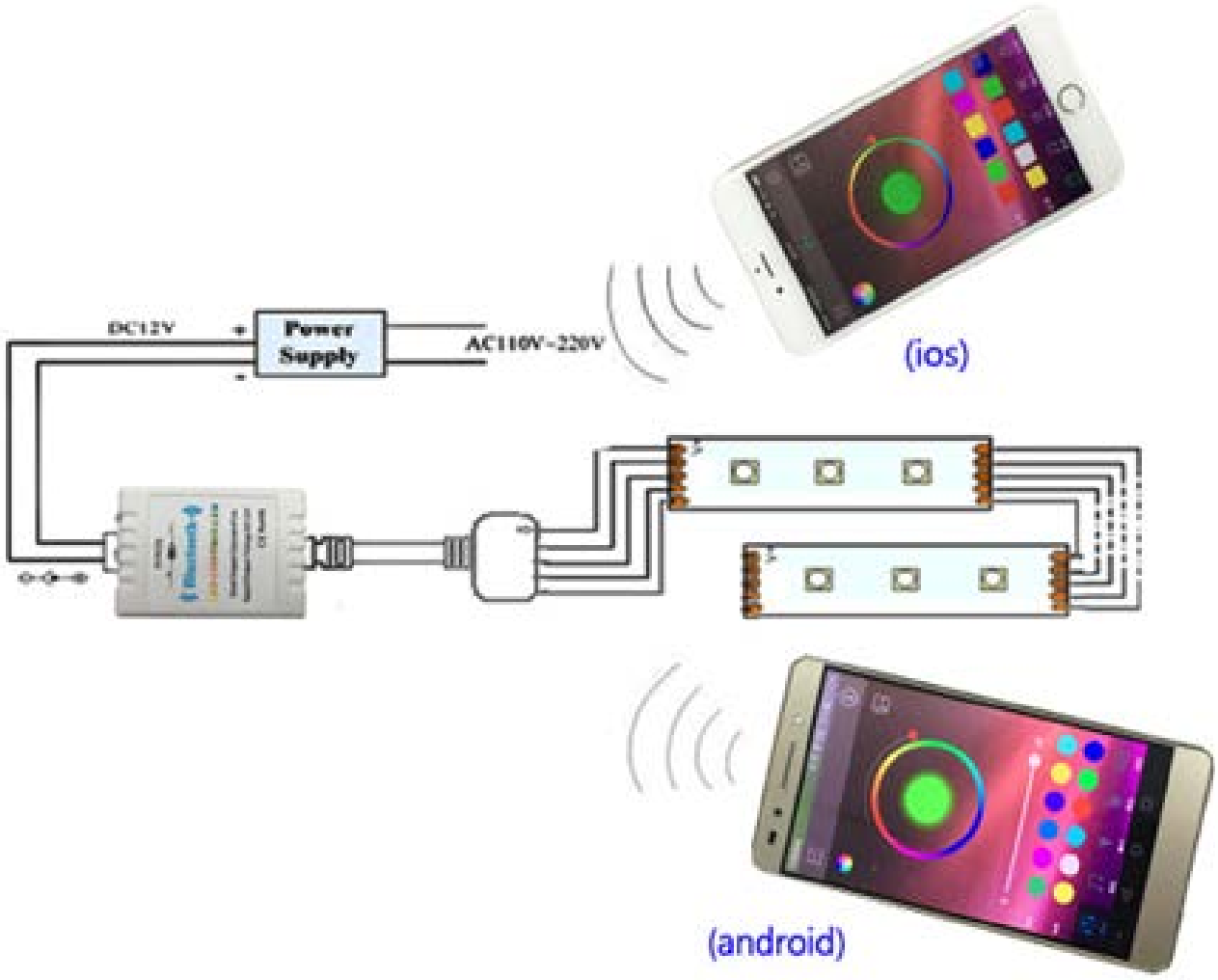
1. Scan the following QR code to download the app “Happy Lighting,” or search for it in your device’s app store. After installing the controller (steps 2-4), open the app directly to connect to the light controller. Do not attempt to connect through the device’s Bluetooth settings menu.
2. First, connect the lighting product to the controller. Make sure you are connecting the correct leads to their corresponding color channels by ensuring the arrows on the plugs are pointing at each other.
3. Once you have the lights connected, connect the power using a 5.5mm OD barrel plug conntected to a 12v source. It is advised for automotive use that the 12v input line be fused and drawn from a constant, switched supply, preferably a rocker switch fed from an unused location in the fuse box, or from a regulated 110v-to-12v power adapter for residential/commercial use.

    - ***Installer’s Note***: *This controller is intended for use with “**common anode**” LED products, meaning a single voltage supply and three ground lines. It will not function with “**common cathode**” LED products, and attempting to do so may damage the controller and/or the lighting products being connected.*

4. The controller can then be mounted using double-sided tape, hook and loop fastener, zip-ties, or other methods appropriate to the project’s requirements. Do not mount the controller in an area where it will be exposed to water, high levels of humidity, or where rapid temperature changes will occur.

5. Once the controller and lights are properly installed, open the application that was downloaded earlier. This is where the phone will make the Bluetooth connection with the controller. Click on the menu icon in the upper left corner, where you will see “My Device” with the icon of a light bulb on one side and an arrow pointing to the right on the other. Tap “My Device” to expand the drop-down and the controller will be visible here. The controller is connected when the chains are unbroken, and the text has turned green.

Typical Application



1. Only an input voltage of 5-24v DC can be used to power this controller, and the load must have the same voltage rating as the supply. Supplying a lower or higher voltage than the range of the controller and load may damage the controller and/or connected components.
2. Do not overload the device. Maximum output is 2 amps per channel.