

# Bluetooth RGBW Controller



## Getting Started

1. Make sure your controller is powered. You will need a fused 12 volt source and ground. The red indicator LED on the controller will illuminate when correctly powered.
2. On your device, make sure Bluetooth is switched on.
3. You may need to turn your device's location services on.
4. Open the app. When powered, your controller should appear within 5 seconds.
5. Allow any permissions requested. The app needs permissions to save your custom modes, read colors through your camera, and use your mic to sync to music.

## Trouble Connecting

1. Make sure the device is powered. The red indicator LED on the controller will illuminate when correctly powered. If you're not sure about your power source, carefully hold input leads directly to your vehicle battery to test.
2. Make sure your location services and Bluetooth is switched on.
3. If you still don't see the controller, and you are sure it is powered, try resetting it, by disconnecting power and reconnecting.
4. Try restarting your device, and reconnecting.
5. In open air, the controller should work from over 100 feet away. This will be reduced when going through walls, or if the controller is mounted behind metal body panels. If you find that the signal is weak, try repositioning the controller.

**FCC WARNING** - 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.

**Note 1:** 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:

## Using the Controller

**COLOR** The main menu! Press anywhere on the wheel, or directly in the middle for TRUE WHITE. You can also adjust brightness using the slider, or tap the R-G-B 0-255 readout to dial in an exact color. When you find something you like, press and hold one of the square Preset buttons on the bottom of the window. You can save up to five static colors, to easily access any time.

**PATTERN** Easily access a number of preloaded patterns. Speed can be adjusted too. Don't see what you want? Head to the next tab to create your own!

**CUSTOM** Click Add Mode, and create your own pattern. You can choose colors, speed, and mode to create the exact look you want. Save the mode, pick a custom name, and you can come back to it any time!

**SYNC** This is a basic function that will flash the lights to any outside noise. Adjust the sensitivity of your mic. To sync to music directly from your device, click your device's Home button, then load a music player. The app will hear the sound directly from your speaker, and sync it up!

**CAMERA** This fun feature allows you to point your camera at anything colorful, and the controller will try to match the color. Vibrant colors work best!

## Using Multiple Controllers

Have more than one controller? You can Group them together, to control them together or independently. Up to four controllers can be connected and controlled at a time. On the main menu, click Add Group, and choose a name. Then tap and hold a controller, and select Add to Group. Repeat to create more groups, or add more controllers to a group.

**For more tips, and to see the controller in action, check our videos on YouTube.**

- 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.

**Note 2:** Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**RF Exposure Statement** - To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

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## DIODE DYNAMICS

## Bluetooth RGBW Controller

- ▶ Control RGBW products, with True White selection
- ▶ Simple to use, with saved color presets
- ▶ Multiple patterns, or customize your own
- ▶ Connect up to four controllers for multi-zone control
- ▶ Fully waterproof, with new M8 style connectors
- ▶ Output up to 8 amps (2A per connection)

**DIODE DYNAMICS**  
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