

# Shadow-Net Lighting Controller

The Shadow-Net Lighting Controller was created as a small, waterproof, and convenient way to control multi-color lighting on a boat. The Shadow-Net Lighting Controller can control Shadow-Net Enabled devices as well as traditional analog RGB/W devices. Simply connect the orange and yellow “Shadow-Net” wires to control your Underwater Lights and Downlights.

## Specifications

- 12-24V operation
- Synchronizes Shadow-NET devices with standard RGB and RGBW lights
- Up to 250 Watts (20 Amps at 12v) of RGBW LED lighting control
- Soft-Start brightness control for smooth color transitions.
- Low noise control technology, resulting in reduced electrical interference
- Multiple color changing modes available. Single Color Fade, Multi-Color Fade, and Multi-Color Rotate
- Selectable RGB and RGBW (Red, Green, Blue, White) control. Set the dip switch labeled “SW-4” to ON for RGBW, or OFF for RGB

## Colors

Cool White	Neutral White	Warm White	Pink	Purple	Red	Orange	Red Orange	Gold	Yellow	Green	Lime	Olive	Aqua	Blue	Sky Blue	Indigo	Orchid	Purple	Magenta
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## Operating Instructions

### Setting Brightness

- At initial power up, the brightness of the RGB strip will ramp up to full brightness

#### To set the brightness to a specific setting below max

While the unit is ramping up brightness, toggle the power button to lock in that brightness level

Hold the momentary button to begin brightness ramp up. Release when at desired brightness

### Changing Color

- Toggle power on/off to change colors
  - lights will cycle to the next color when power is toggled
  - When the desired color is achieved, stop toggling power to keep color set

## Modes

-To access modes, press the momentary push button

### **Single-Color Fade Mode**

- First momentary press will result in single-color fade mode
- The light will slowly fade up and down, while staying on a single color
- Toggle the power to choose the next color.

### **Multi-Color Change Mode**

-This will rotate through different colors, without changing brightness of lights

-Toggling power will rotate from:

- Blue > White
- Red > Green > Blue > White
- All Colors

### **Multi Color Fade Mode**

-This will rotate through different colors, and slowly ramp brightness up and down as it rotates through colors

-Toggling power will rotate from:

- Blue > White
- Red > Green > Blue > White
- All Colors