

# **RGB Lantern**

## **Weather Beacon System**

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### **General Description**

The RGB Lantern is a outdoor lantern equipped with weather sensors. Using these sensors the RGB lantern will adjust the color of the RGB to indicate certain weather information. In addition, the RGB lantern can also play a series of pre-recorded light patterns that are stored on the BlinkM. Several BlinkMs can be chained together through a RJ45 connector that provides both power and data to each module.

### **Features**

- Temp, humidity, and pressure sensors
- Onboard light sensor for nighttime use
- Up to 8 additional modules
- 6-15 VDC input
- Uses the BlinkM RGB module
- Optional xBee module for sending weather information

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## 1 Overview

Where is everything on this thing

## 2 Quick Start

How to make this thing do its thing quickly so you can eat a sammich

## 3 Using an xBee to send data

How to set this thing up

## 4 Custom playback scripts

How to tell this thing what to do

## 5 Using the RGB Lantern outdoors

How to make this thing awesome

## Troubleshooting

Symptom	Solutions
Symptom number one	<ul style="list-style-type: none"><li>• Solution number one</li><li>• Solution number two</li></ul>
Symptom number two	<ul style="list-style-type: none"><li>Solution number one</li><li>Solution number two</li></ul>

## Customer Support

If you require support for your device, please first read the troubleshooting section of this manual. If you are unable to resolve the problem please check the product page at <http://www.aerodynelabs.com/products/rgb lantern> for any updated documentation or software. If your problem persists, please contact [support@aerodynelabs.com](mailto:support@aerodynelabs.com) for further help.