

# CINESTAR<sup>TM</sup>PANEL



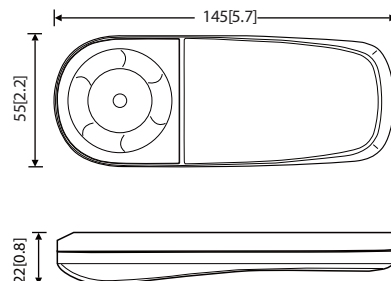
## LED RGB Multi-Zone Wireless Remote Control System

### Features

- Utilizes 2.4GHZ wireless RF which requires no special license to operate worldwide.
- The dual core processor is 10 times faster, quickly processing transmission data.
- The advanced wireless technology provides enhanced stability and reliability.
- The capacitive touch control of the color wheel make it user friendly.
- The sync state LED gives excellent feedback of static or changing status.
- Any operation on the remote can control all receivers in the system.
- The user can save preset from the remote.
- The lithium ion battery charges using the provided USB cable.

### R-RGB-T3M Receiver

Input voltage	5VDC Built-in Lithium Battery
Working Current	<30mA
Wireless Signal	Radio Frequency (RF)
Working Frequency	2.4GHz
Transmitting Distance	90 ft.
Remote Option	Sync or zone control (10 zones)
Battery Capacity	1000mAh
Standby Time	≤6 months
Mounting	Includes wall-mount holster.
Ambient Temperature <sup>3</sup>	-4°~122°F (-20°~50°C)
Operating Temperature <sup>4</sup>	-4°~131°F (-20°~55°C)
Dimensions	5.7× 2.2× 0.8 in. (L× W× H)
Weight	7 oz

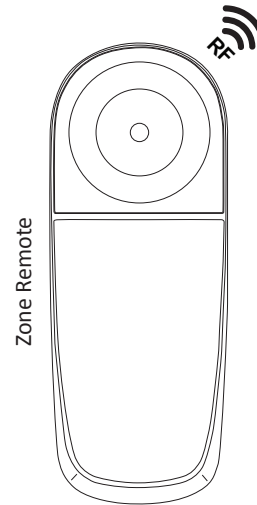


## Mode Description Chart

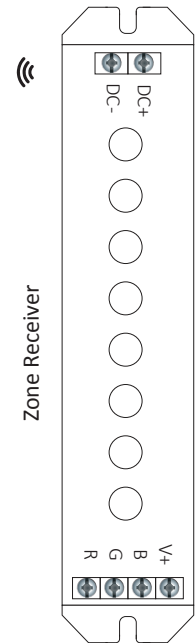
No.	Mode
1	3 colors changing
2	7 colors changing
3	White flash
4	7 colors flashing
5	RGB fade in/out
6	Red/Green fade
7	Red/blue fade
8	Green/blue fade
9	Red/yellow fade
10	Green/cyan fade
11	Blue/purple fade
12	Green/yellow fade
13	Blue/cyan fade
14	Red/purple fade
15	Blue/white fade
16	Yellow/purple/cyan fade
17	RGB
18	Full color fade

## Wiring Connections

**DO NOT connect directly to 120VAC.**  
Install in accordance with the NEC,  
and local regulations.



Input from 12-24V  
LED Driver



To Low Voltage  
LED Load

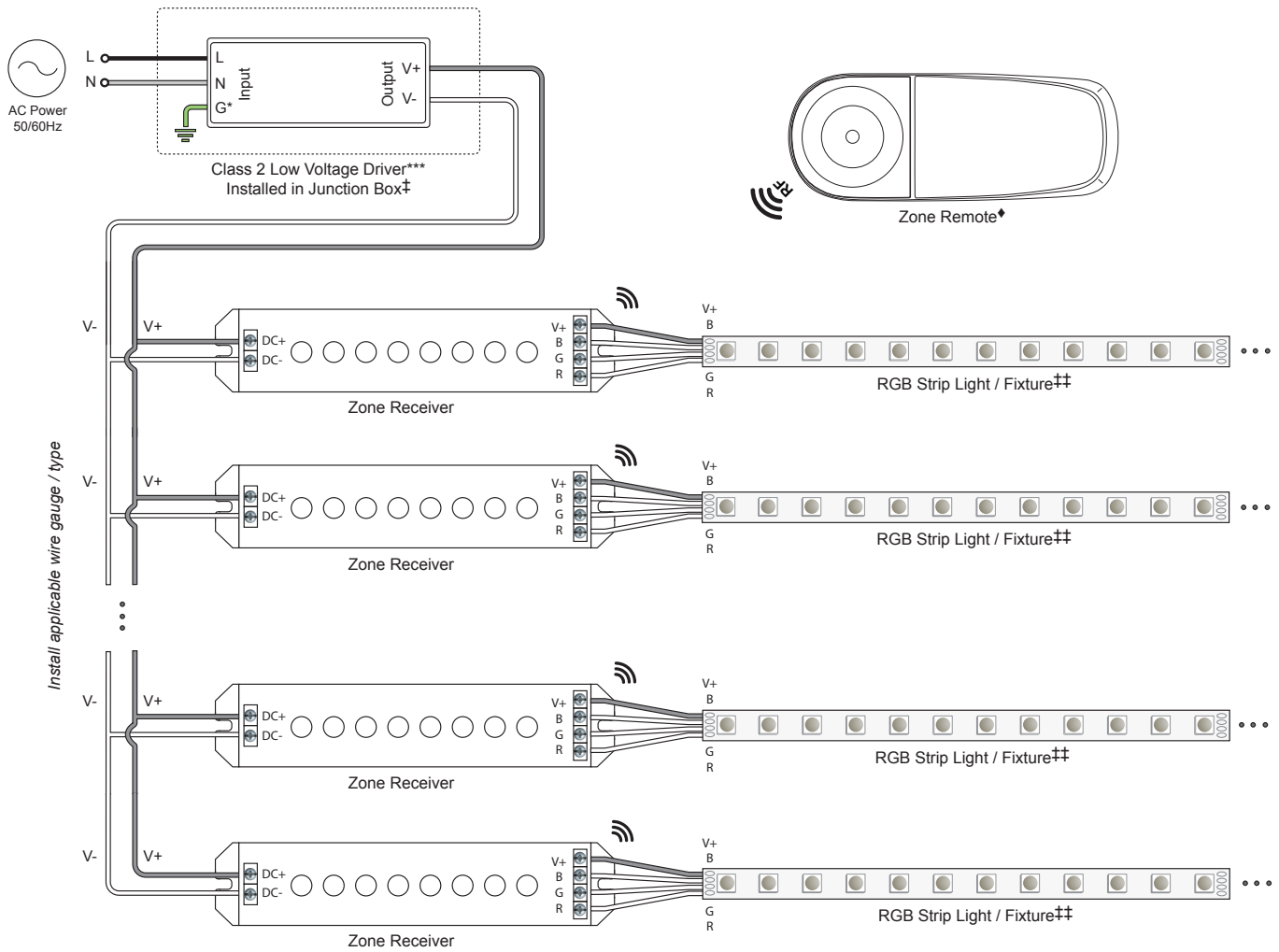
## Troubleshooting

Prior to troubleshooting, ensure a compatible system is installed. Verify compatible fixtures, drivers, controls and additional components were specified correctly.

<b>Fixture does not illuminate</b>	<ul style="list-style-type: none"> <li>See 'System Diagram' and installation guides of all components. Ensure the system is wired correctly.</li> <li>Verify polarities are correct.</li> <li>Ensure a compatible constant voltage <i>dimable</i> fixture is installed.</li> <li>Ensure a compatible constant voltage driver is installed.</li> <li>Ensure the driver and fixture have the same voltage specifications (12V &amp; 12V, or 24V &amp; 24V).</li> </ul>
<b>Fixture does not dim</b>	<ul style="list-style-type: none"> <li>Ensure a compatible constant voltage <i>dimable</i> fixture is installed.</li> <li>Ensure desired zone is selected before changing brightness.</li> </ul>
<b>Fixture is flashing or flickering</b>	<ul style="list-style-type: none"> <li>Verify a compatible constant voltage driver is installed.</li> <li>Ensure a compatible constant voltage <i>dimable</i> fixture is installed.</li> <li>Ensure all connections are properly secured.</li> </ul>
<b>Fixture is slowly flashing</b>	<ul style="list-style-type: none"> <li>Ensure driver is not overloaded. An overloaded driver will cause the internal auto-reset of the driver to trip repeatedly.</li> </ul>
<b>Correct colors are not illuminating</b>	<ul style="list-style-type: none"> <li>Verify the correct leads are connected to the correct terminals on the receiver.</li> <li>Ensure potential leads at opposing end of fixture are not crossed.</li> </ul>
<b>Unable to pair remote with receiver</b>	<ul style="list-style-type: none"> <li>Ensure the remote is fully charged.</li> <li>Read the installation instructions on page 2 thoroughly.</li> <li>Reset the receiver(s) to factory settings.</li> </ul>
<b>Receivers unintentionally sync together</b>	<ul style="list-style-type: none"> <li>If receivers are not paired to a remote, they may unintentionally sync together. To de-sync receivers see 'Resetting Receivers to Factory Settings' on page 2.</li> </ul>

## System Diagram

The following diagram is provided as an example system design. Class 2 compliance may require a Class 2 driver per zone receiver (e.g. 60W @ 12V, 96W @ 24V). Install in accordance with the NEC, and local regulations.



† Refer to driver or controller specifications for a compatible junction box.

## See fixture specifications for maximum series run limits.

♦ Zone remote has 10 total zones and may be paired to 10 total receivers (max 1 receiver per zone). Multiple remotes cannot be paired to a single receiver (max 1 remote per receiver).

# LED Star Panel Diagram

