



## Overview

ACL-ADPPC controller and remote control are able to control all addressable LED lights. Compact and versatile, it has various built-in effects with customized scene modes bringing fantastic colors and animations.

The remote will control a variety of dynamic lighting effects. The remote allows you to set pixel quantity, adjust speed and brightness, change the direction of the animation, set RGB sequence, select the internal chip (IC) type, and store and play custom scenes.



Explore ColorMix

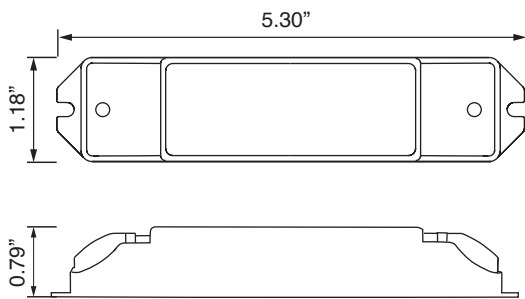


Where to Buy

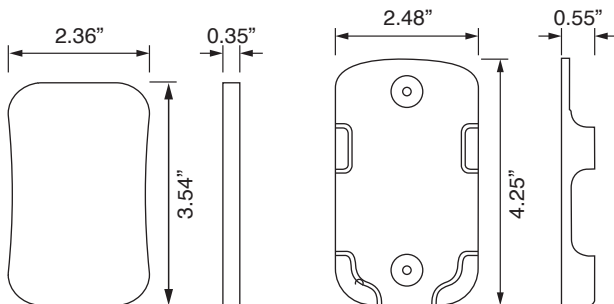
## Features

- Controls from 8 to 1020 modules
- 16 preset programs
- Adjustable speed, direction, fade, and strobe
- Maximum RF transmission distance is 130 ft line of sight
- Maximum distance from controller to first module or between modules is 60 ft
- Wireless remote and 120V AC power adaptor included

## Controller Dimensions



## Remote and Remote Holder Dimensions



## Specifications

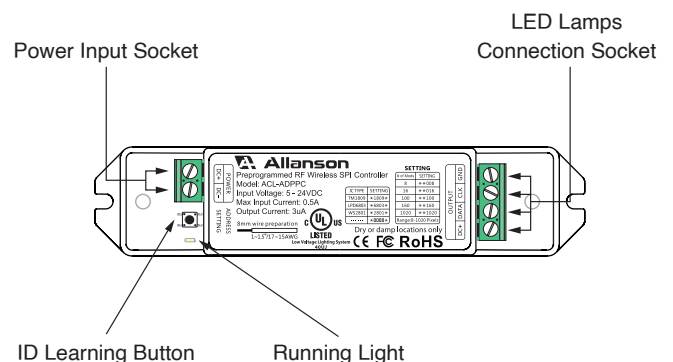
### ACL-ADPPC Controller

Power Input.....	5-24Vdc
Output.....	SPI
Wireless Signal.....	RF 2.4GHz
Operating Temperature.....	-30°C ~ 55°C
Pixel Range.....	8~1020 px
Dimensions.....	5.30"L x 1.18"W x 0.79"H
Weight (N.W.).....	52g

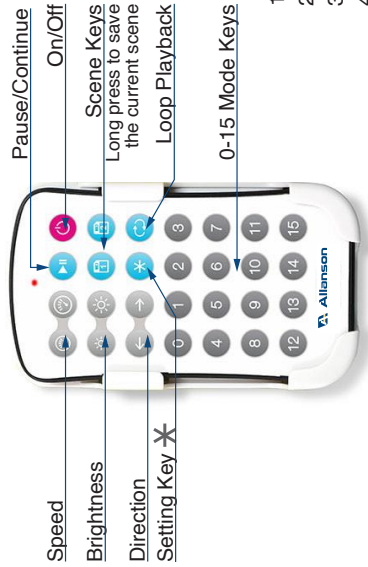
### ACL-ADPPC Remote

Working Voltage.....	3V (battery CR2032)
Wireless Signal.....	RF 2.4GHz
Changing Modes.....	16 modes
Working Temperature.....	-30°C ~ 55°C
Dimensions.....	3.54"L x 2.36"W x 0.35"H
Weight (N.W.).....	42g

## Controller Terminal Description



### Remote Functions



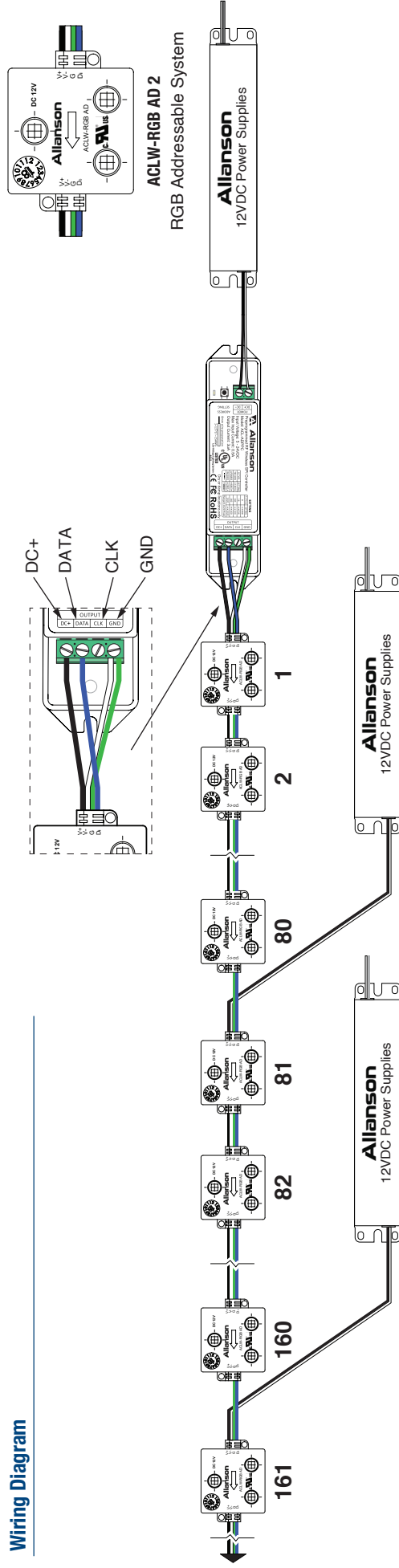
- 0** 7 colors jump
- 1** 7 colors flash
- 2** 7 colors fade
- 3** 7 colors gradual fade
- 4** 7 colors chase
- 5** 7 colors chase with 10 repeats on same color
- 6** 7 colors sequential fade
- 7** Red, Green, Blue gradual flow
- 8** 6 colors strobing
- 9** 6 colors sequential fade after 10 repeats on same color
- 10** Sequential fade
- 11** White sequential fade out
- 12** 6 colors fade
- 13** 6 colors sequential fade
- 14** Light colors fade
- 15** 2 tone colors fade

### Note:

1. Initial setting: a) Press \*1809\* b) Press \*123\* c) Press \* number of modules connecting (i.e. \*008 if 8 modules are connected)
2. Loop Playback: Short press \*, then continue press any 0-15 numeric keys, last press Loop Playback key to finish.
3. The controller can run from 8 to 1020 modules.
4. The receiver and remote are pre-synced at the factory. If deleted accidentally, the sync method is as follows\*:
  - A. Learning ID:** Short press "ID learning button" on the receiver - the running light will turn on and stay on. Then press any key on the remote, the running light will flicker several times, which indicates that it is activated.
  - B. Cancelling ID:** Press "ID learning button" on the receiver for 5s. The running light will flicker several times, indicating that it is cancelled.

\*Multiple remotes can be synced to one receiver

### Wiring Diagram



Each Allanson 60W Power Supply can run maximum 80 modules

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