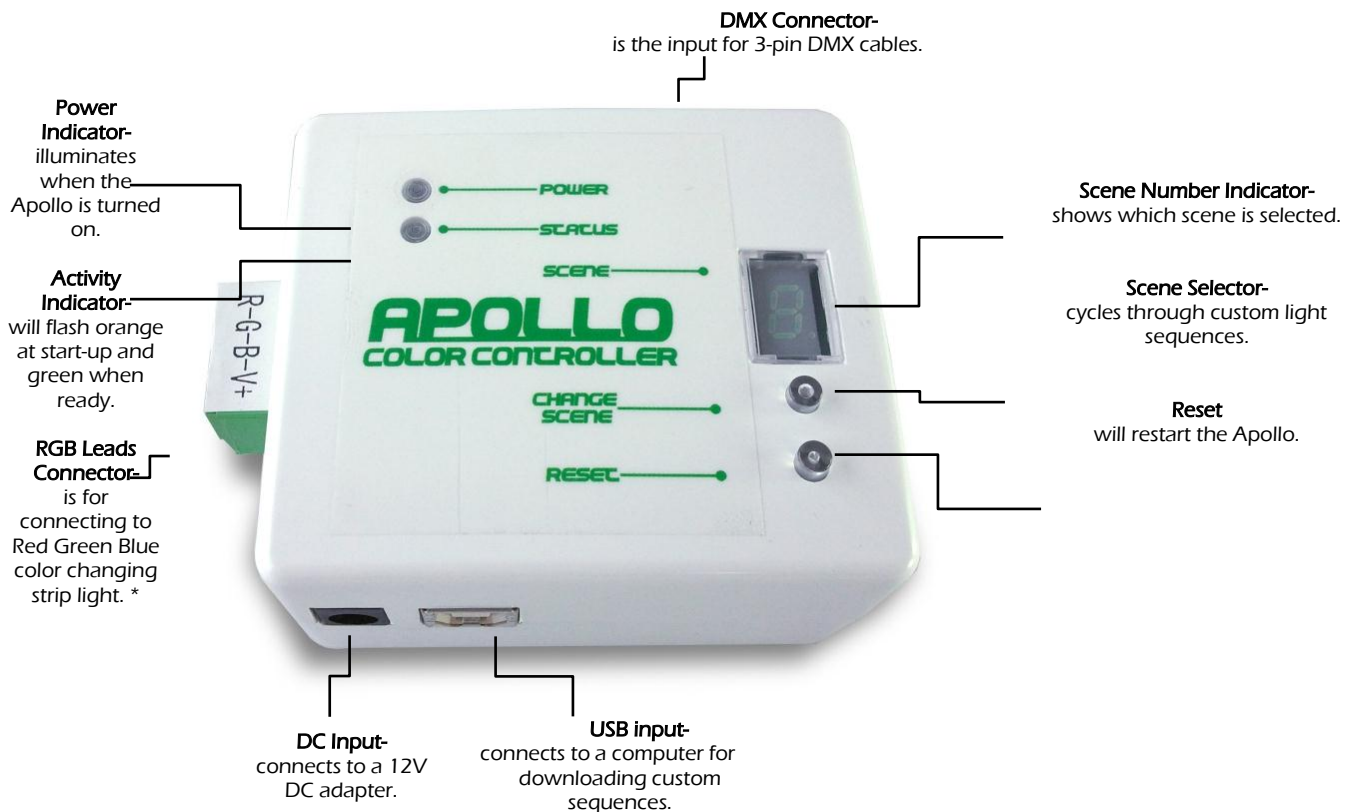


# APOLLO

## COLOR CONTROLLER

### DMX / LED COLOR CHANGING CONTROLLER

### MANUAL



*\*RGB Leads Connector may be unplugged from unit for quick loading of new scene designs.*

## Section 1: About the Apollo

### Included with the Apollo DMX / LED Color Changing Controller:

- The APOLLO Color Controller
- 1 USB Cable
- 1 12V DC 12W power adapter\*
- 1 USB drive containing the **Apollo Scene Designer**

The Apollo is a color control device that allows the user to create custom light sequences for use in creative performance, social gatherings, restaurants, or trade & business events. With the use of the **Apollo Scene Designer** software, you will have custom control in your use of LED RGB strip lights as well as DMX compatible color changing lighting.

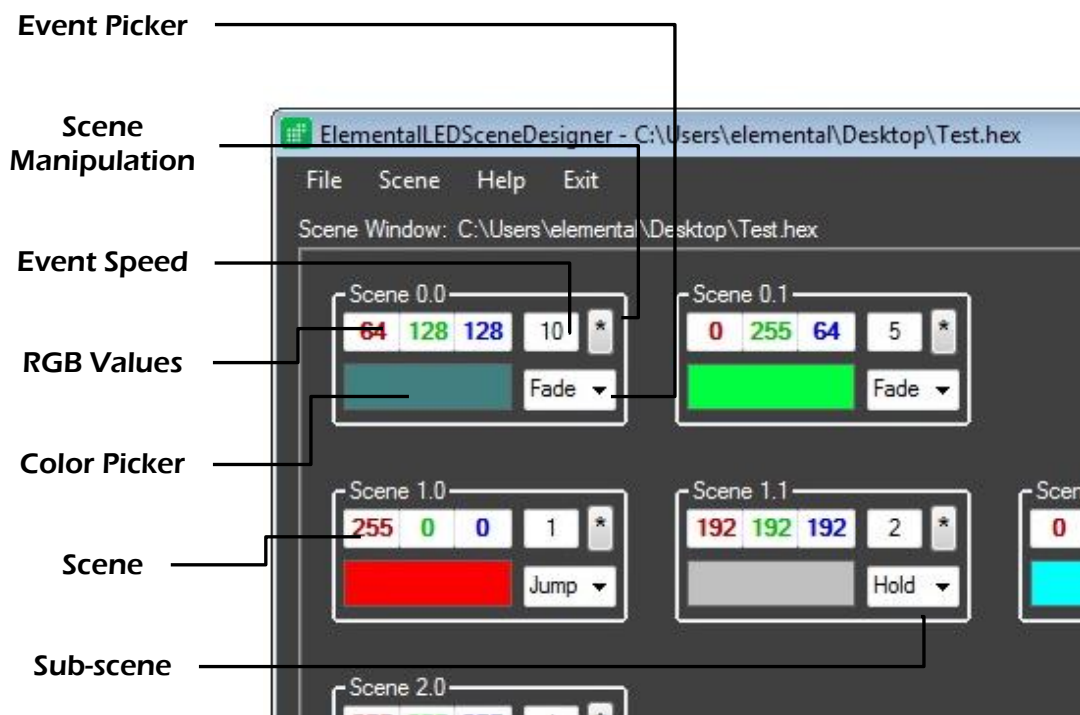
As a stand alone unit, you can simply download prepared sequences from your computer and take the Apollo to the lighting installations and let it do the work.

\*The Apollo may require a larger DC power adapter for larger lighting scenes. (See section 3)

## Section 2: Software Overview

**Installation:** Software can be downloaded at <http://www.elementaled.com/download/apollo.zip> and is PC only.

Open the Apollo Scene Designer folder and Right click on the setup installer and select "Run As Administrator".



### Scene elements:

- **Scene:** Each scene is a separate light sequence that the user can select by pressing the scene selector button on the Apollo.
- **Sub-scene:** These are the queued color commands that make up a scene. Up to 50 Sub-scenes may be created.
- **RGB Values:** These increments of Red, Green, and Blue may be manipulated to create a wide variety of colors.
- **Event Speed:** This regulates how fast the colors cycle through each other. Numbers are on one second intervals and fractions of a second can be achieved with decimal points. *Example: 1.5 = one and a half seconds.*
- **Color Picker:** Custom colors may be created here to sequence a unique light scene.

• **Event picker:** Jump, Hold or Fade may be selected as transitions from one color to the next.

- ❖ **Jump** is an instantaneous change to the next color.
- ❖ **Hold** will pause on a color for a variable amount of time.
- ❖ **Fade** is a gradual transition to the next color.

**About the Hold feature** (In the Event Picker)...

- **Hold** will not function in the first **Sub-scene**. It is intended for use in scene **X.1** and onward.
- The **Color Picker** is disabled when **Hold** is selected. It is intended to pause on the color in the **sub-scene** preceding it.

### Apollo Scene Designer Quick Set-up:

1. Open The Elemental LED Scene designer.
2. In **Scene Manipulation**, you can select **Insert Sub-Scene** and add up to 50 sub-scenes.
3. Now you may go down the sub-scene line and use the **Color Picker** or **RGB Values** to create a color performance.
4. Transitions are selected from the **Event Picker** to create gradual or sudden color changes.
5. To preview your scene design, go to **Test View** and press **Run Selected Scene** to preview your scene.
6. When you are satisfied with your scene, name it and save it.
7. With the application still open, plug in the Apollo into your USB port.
8. In the File menu, select Upload.
9. An upload window will pop up and follow prompts to load the current scene.
10. Select Upload and follow the onscreen prompts.
11. You may now disconnect your Apollo and connect it to your lighting system

### Seizure Warning

Flashing lights may cause seizures. A very small percentage of people may experience a seizure when exposed to certain visual images, including flashing lights or patterns. Even people who have no history of seizures or epilepsy may have an undiagnosed condition that can cause these "photosensitive epileptic seizures". Use caution.

## Section 3: Strip Light & DMX Installation

### Color Changing Strip Light-

1. Turn off the Apollo unit.
2. When using RGB strip lighting, be sure that there are color specific leads attached to the strip light.
3. Remove **RGB Leads Connector** from the Apollo. (Green connector will unplug from the unit).
4. Insert the color coded leads into the appropriate wire connector on the Apollo Color Changer.
5. With a screw driver, secure the leads by tightening the connection screws.
6. Plug the **RGB Leads Connector** back into the Apollo and connect it to your 12V DC power adapter.
7. You are now ready turn on the unit and run you custom light sequence.

### Picking the correct power source to power your strip lights

1. Make a note of the wattage requirements for your strip lights (Watts per foot).
2. Multiply that by the total length of strip light you will be lighting.

\*Voltage drop may occur if your strip light length exceeds 16.5 feet. Consider using a RGB amplifier.

### DMX Lighting-

1. Turn off the Apollo unit.
2. Use only 3 pin DMX lighting.
3. Plug in your DMX lighting into the **DMX Connector**.
4. Connect the Apollo to your 12V DC power source.
5. You are now ready turn on the unit and run you custom light sequence.

## Section 4: Troubleshooting

- 1. The Apollo won't turn on.**  
Make sure the color changer is plugged into a 12V DC power source
- 2. The Apollo is on, but RGB strip lights are not lighting up.**  
Calculate the appropriate wattage for the total footage of light. You may need a more powerful power source to light the strip lights. If running more than 16 feet of strip light, you will need a signal amplifier to counteract voltage drop.
- 3. The Apollo is on, but the DMX lights are not lighting up.**  
Make sure the DMX lights are plugged in to an independent power source and the 3-pin DMX cables are firmly plugged into the Apollo.
- 4. The light sequence I made does not appear when I use the scene selector.**  
Try loading the sequence again from your computer.
- 5. Can I use a 5-pin to 3-pin DMX adapter with the Apollo?**  
No. The signal will not be compatible with the Apollo software.
- 6. I lost my software. Can I get another copy?**  
Yes. Software and updates can be downloaded from <http://www.elementalld.com/download/apollo.zip>

The Apollo DMX / LED Color Controller was designed in Emeryville, California.  
Customer Service help: (Toll Free) 877-564-5051