LED OPERATOR
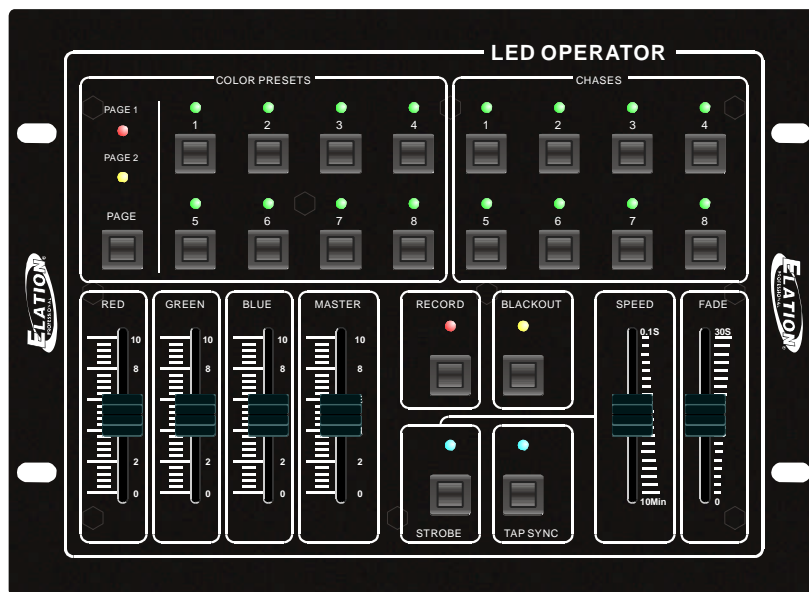
User Instructions

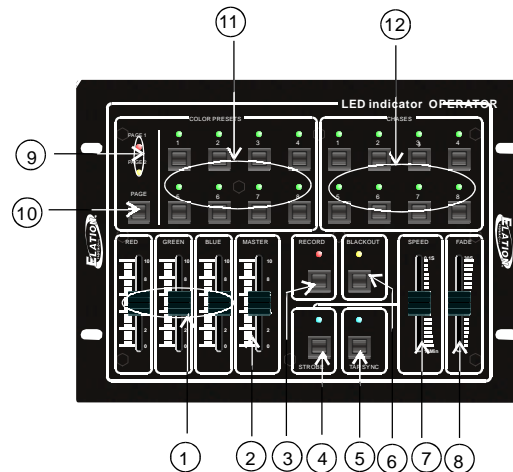Rev1.0

Functions:

-3 Channel, RGB LED Controller
-16 Color Presets
-8 Preset Chases
-Strobe Function
-Individual RGB Channel Faders
-Grand Master Fader
-Speed & Fade faders for Chase control
-Record Function to Record Colors and Chases
-Power failure memory

Technical Specifications:

Power Input..DC 9V, 200mA Min
DMX Out...3-pin female XLR connector
Dimension...9.64"x7"x2.36" (245X178X60mm)
Weight...3.2lbs. (1.45kg)
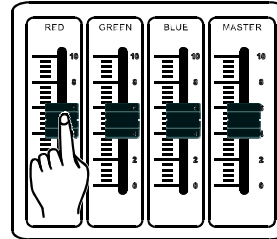
Product layout

① R,G,B Faders: Use R,G,B faders to manually set the intensity of each relevant color.

② MASTER Fader: Use Master fader to manually control overall intensity.

③ Record button: Use the Record button to engage record mode and record color presets and chases.

④ Strobe button: Use the Strobe button to trigger strobe function at any time during playback.

⑤ TAP SYNC button: Press the Tap Sync button twice during Chase playback to set Chase speed.

⑥ Black Out button: Press the Black Out button to cut all output.

⑦ SPEED Fader: Use the Speed fader to manually set the chase speed during playback.

⑧ FADE Fader: Use the Fade fader to manually set the chase fade rate during playback.

⑨ PAGE 1/2 LED indicators : Indicates the active Color Preset page. When Page 1 indicator is lit, scenes 1-8 are active. When Page 2 indicator is lit, scenes 9-16 are active.

⑩ PAGE button: Use this button to switch between Color Preset pages 1 and 2.

⑪ Color preset buttons and LED indicators 1-8: Use these buttons to trigger relevant color presets.

⑫ Chase buttons and LED indicators 1-8: Use these buttons to trigger relevant chase presets.
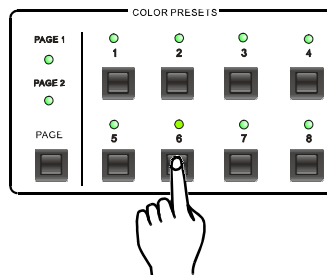
Operating Instructions:

(1) Connect from your controllers DMX output to the DMX input of your first LED fixture in line.

(2) BLACKOUT mode is active by factory default. When first powering on LED Operator, the "BLACKOUT" LED indicator will illuminate. Press the "BLACKOUT" button once to disengage. The LED indicator should be OFF.

(3) After the first use, LED Operator will default to its last state before being shut off.
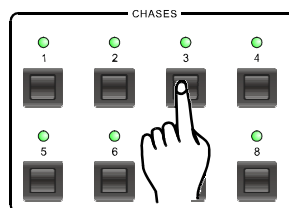

Color Preset and Chase Playback

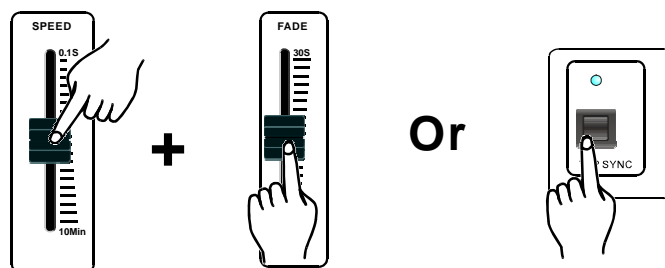1. Adjust the Red, Green, Blue & Master faders to set a scene on the fly as desired.

2. Select a **"Color Preset"** by pressing buttons 1-8 in the Color Presets section. Press the **"PAGE"** button to switch between color preset pages 1 and 2. When **"PAGE1"** LED indicator illuminates, color presets 1-8 are accessible; when **"PAGE2"** LED indicator illuminates, color presets 9-16 are accessible. When a color preset is selected, its LED indicator will continually flash. Press the same color preset number button to disengage it. You can also manually adjust the RED, GREEN and BLUE faders to temporarily edit the current color. Adjust the **"MASTER"** fader to set the overall output intensity.

3. Select a **"CHASE"** by pressing buttons 1-8 in the Chases section. When a chase is selected, its LED indicator will flash continually. Additional chases can be selected and will playback in a sequential fashion. When additional chases are selected, each relevant Chase LED will illuminate ON solid until it becomes its turn to playback in the sequence. Pressing a selected chase button a second time will disengage the relevant chase. Adjust the "MASTER" fader to set the overall output intensity.

Adjust the **"SPEED"** and **"FADE"** faders to manually set a desired chase speed and fade percentage. You can also press the **"TAP SYNC"** button twice continually to set a desired chase speed. The TAP SYNC LED will flash at the rate that it was pressed..
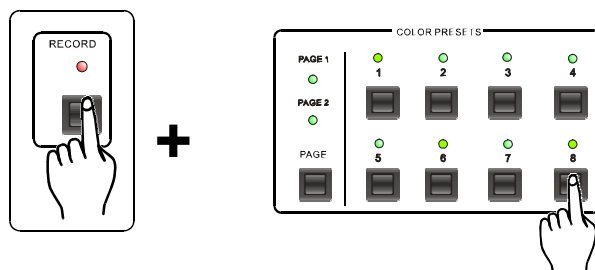
+   **Or**

NOTE:
FACTORY CHASES WILL NOT ACCEPT FADE CONTROL. FADE CONTROL WILL ONLY WORK WITH CUSTOM (USER CREATED) CHASES.
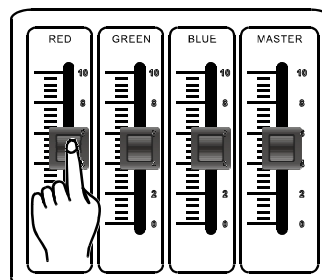
Record mode

(1) **Record Mode Enable**: Press and hold down the **"RECORD"** button and sequentially press "**COLOR PRESET"** buttons 1, 6, 8, 1, 6, 8 then release the **"RECORD"** button. The **RECORD** LED indicator will turn ON indicating that **RECORD** mode is engaged.

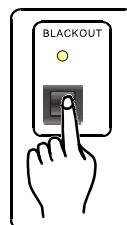**+**

Record Custom Color Presets

(1) Engage Record mode as described above.

(2) Adjust the **RED, GREEN, BLUE & MASTER** faders to set a Color Preset/Scene as desired.

(3) Press a **COLOR PRESET # (1-8)** button that you wish to save it to. Repeat step 2 and 3 to save additional Color Presets/Scenes.

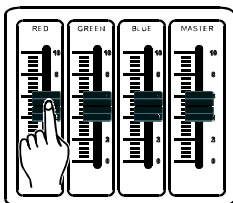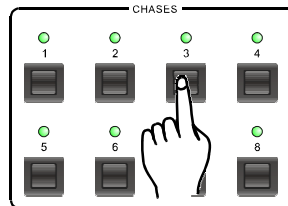(4) Press the **"BLACKOUT"** button twice to exit **RECORD MODE.**

Record Custom Chases

Up to 8 chases can be programed, each of which can store up to 20 scenes/steps. Note: When recording custom chases, relevant factory chases will be erased.
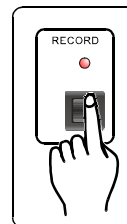
(1) Engage Record mode as described on page 3.

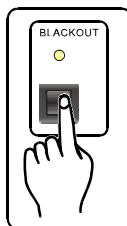(2) Press the **CHASE** # button (1-8) that you want to record to.

(3) Set your scene with **RED, GREEN, BLUE & MASTER** faders to desired setting.

(4) Press the **RECORD** button to store the step. Repeat steps 3 & 4 to store up to 20 steps/scenes per chase.
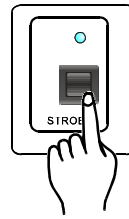
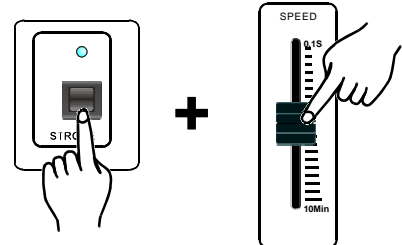(5) Press the **BLACKOUT** button twice to exit .

Strobe Function

The strobe function will mix with a running Color Preset or Chase. Pressing the Strobe button will temporarily incorporate a strobe effect over a running color preset or chase.
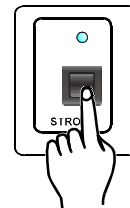
(1) Press the "STROBE" button when effect is desired.

(2) At any time, you can adjust the Strobe flash rate by pressing and holding down the "Strobe" button then manually adjusting the Speed fader.

(3) Press the "STROBE" button again to disengage the strobe effect.

Factory Default Reset

WARNING! THIS OPERATION WILL ERASE CURRENT COLOR PRESETS AND CHASES. ALL COLOR PRESETS AND CHASES WILL BE REPLACED WITH FACTORY COLOR PRESETS AND CHASES.

(1) Switch the LED Operators main power OFF.

(2)Press and hold down **Color Preset** buttons 1, 6 & 8 then simultaneously switch the power switch ON then release all buttons. All LED indicators will flash three times to confirm that factory settings have been restored.