

# STUD Instructions

**\*\*These LED lights can produce many different effects and colors without using a controller. Just use the dip switches on the rear of the light to mix the colors to produce brilliant shades of purple, pink, magenta and more. Each light has multiple dip switches for each color. Make each color combinations your own to fit your event or show.\*\***

## **Instructions for STAND ALONE operation:**

With only dip switch #1 on (down), the Blue LED's come on at 20% brightness.  
With only dip switch #2 on (down), the Blue LED's come on at 30% brightness.  
With only dip switch #1 and #2 on (down), the Blue LED's come on at 40% brightness.  
With only dip switch #3 on (down), the Blue LED's come on at 50% brightness.  
With only dip switch #1 and #3 on (down), the Blue LED's come on at 70% brightness.  
With only dip switch #2 and #3 on (down), the Blue LED's come on at 80% brightness.  
With only dip switch #1 and #2 and #3 on (down), the Blue LED's come on at 100% brightness.  
With only dip switch #4 on (down), the Green LED's come on at 20% brightness.  
With only dip switch #5 on (down), the Green LED's come on at 30% brightness.  
With only dip switch #4 and #5 on (down), the Green LED's come on at 40% brightness.  
With only dip switch #6 on (down), the Green LED's come on at 50% brightness.  
With only dip switch #4 and #6 on (down), the Green LED's come on at 70% brightness.  
With only dip switch #5 and #6 on (down), the Green LED's come on at 80% brightness.  
With only dip switch #4 and #5 and #6 on (down), the Green LED's come on at 100% brightness.  
With only dip switch #7 on (down), the Red LED's come on at 40% brightness.  
With only dip switch #8 on (down), the Red LED's come on at 50% brightness.  
With only dip switch #7 and #8 on (down), the Red LED's come on at 100% brightness.  
With dip switches #1 and #9 on (down), brings on the speed 1 gradual color change  
With dip switches #2 and #9 on (down), brings on the speed 2 gradual color change  
With dip switches #1 and #2 and #9 on (down), brings on the speed 3 gradual color change  
With dip switches #3 and #9 on (down), brings on the speed 4 gradual color change  
With dip switches #1 and #3 and #9 on (down), brings on the speed 5 gradual color change  
With dip switches #2 and #3 and #9 on (down), brings on the speed 6 gradual color change  
With dip switches #1 and #2 and #3 and #9 on (down), brings on speed 7 gradual color change  
Speed 1 is fast and 7 is the slowest.  
With dip switches #4 and #9 on (down), brings on the speed 1 instant color change  
With dip switches #5 and #9 on (down), brings on the speed 2 instant color change  
With dip switches #4 and #5 and #9 on (down), brings on the speed 3 instant color change  
With dip switches #6 and #9 on (down), brings on the speed 4 instant color change  
With dip switches #4 and #6 and #9 on (down), brings on the speed 5 instant color change  
With dip switches #5 and #6 and #9 on (down), brings on the speed 6 instant color change  
With dip switches #4 and #5 and #6 and #9 on (down), brings on speed 7 instant color change  
Speed 1 is fast and 7 is slowest.  
With dip switches #8 and #9 on (down), brings on strobe speed 1  
With dip switches #4 and #8 and #9 on (down), brings on strobe speed 2  
With dip switches #5 and #8 and #9 on (down), brings on strobe speed 3  
With dip switches #4 and #5 and #8 and #9 on (down), brings on strobe speed 4  
Speed 1 is fast 4 is slowest.

## **For DMX Mode:**

Slider #1 Blue LED intensity

Slider #2 Green LED intensity

Slider #3 Red LED intensity

Slider #4 Gradual color change

Slider #5 Speed of gradual change

Slider #6 Strobe

Slider #7 Master dimmer ( must be all the way up for light to work)

On the first fixture set dip switch #1 and #10 to the ON position. For easy use with our ACROBAT, set the second fixtures dip switch #1 and #5 and dip #10 to the ON position and that will give you control of the light using the #2 fixture/scanner button on the DMX controller. To run the lights all at once just set all the lights dip switches to #1 and #10 to the ON position.

## **For MASTER / SLAVE Mode:**

Set the first fixtures dip switches to any stand alone feature. Then connect the second fixture by dmx cord. On the the slave units set dip switch #10 to the on (down) position and they will link up. The 114-Stud is compatible with the 120-STALLION in master/slave as well as DMX mode.