



Katana LED



SPECIFICATIONS:

Model:	Katana LED
Supply Voltage:	100V~230V / 50~60Hz
LEDs:	4 x 3W (1 Red, 1 Blue, 1 Green & 1 White)
Power Consumption:	36W
Beam Angle:	123 Degrees
Weight:	5 lbs./ 2.0 kgs
Size:	9.5"L x 6.75"W x 6.5"H
Fuse:	1 Amp
Working Position:	Any Safe position
Duty Cycle:	None
Colors:	RGBW
Warranty:	1 Year

CAUTION! Please read and understand these instructions before installing or operating this unit.

Introduction:

The Katana LED is a powerful effect for clubs and dj's. The Katana LED is bright, colorful, moonflower effect. This unit features an internal microphone that allows the beams to be triggered by sound. The Katana LED's beams rotate and strobe to the beat of the music. The Katana LED is ready to be hung or set on the ground in a safe position. When mounting this unit to truss be sure to use a clamp.

Fuse Replacement:

Caution! Never open unit when in use. Always disconnect main power before servicing. Remember to always replace with the exact same type fuse. Locate and remove the unit's power cord. Once the cord has been removed located the fuse holder located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder has a built-in socket for a spare fuse be sure not to confuse the spare fuse with active fuse.

1 Year Limited Warranty: Eliminator Lighting warranty is valid from the date of purchase. Our 1 year limited warranty covers manufacturing defects only. Serial number, place of purchase with dated valid receipt must be submitted at time of service. Eliminator Lighting warranty does not cover items or parts prone to wear and tear: lamps, fuses, brushes and belts. Eliminator Lighting warranty is only valid with-in the United States.

SOUND ACTIVE MODE:

1. To activate Sound Active mode, press the MODE, until “**S1 X**” is displayed. “X” represents a number between 0-20. This sound active mode setting will run regardless of sound. When the fixture does pick up sound, then the fixture will enter sound active mode.
2. Press the MODE button again and “**S2 X**” will be displayed. In this sound active mode the unit will stop when there is no sound detected. When sound is detected the unit’s motor and LEDs will be active.
3. Adjust the audio sensitivity knob on the rear of the unit to make the unit more or less sensitive to sound. Turning the sensitivity knob in the clockwise direction will increase the sensitivity, turning the knob in the counter-clockwise direction will decrease the fixture’s sensitivity to sound.

AUTO MODE:

Auto mode has 8 different Auto Run modes to choose from.

1. Press the MODE button until “**A1 X**” is displayed. “X” represents a number between 1-9. The number 1-9 represent the Auto Run speed; 1 being the slowest and 9 being the fastest. Use the UP and DOWN buttons to adjust the speed of the current Auto Run. The 8 Auto Run modes are as follows:
 - “A1 X” - Red LED only.
 - “A2 X” - Green LED only.
 - “A3 X” - White LED only.
 - “A4 X” - Blue LED only.
 - “A5 X” - Transition Mode 1. When in Transition mode, the lower the run speed, the faster the color change. The faster the Auto Run speed the slower the color change.
 - “A6 X” - Transition Mode 2. When in Transition mode, the lower the run speed, the faster the color change. The faster the Auto Run speed the slower the color change.
 - “A7 X” - Gradual Change. In Gradual Change mode, the lower the run speed, the faster the color change. The faster the Auto Run speed the slower the color change.
 - “A8 X” - Auto Run with Strobing. In Gradual Change mode, the lower the run speed, the faster the color change. The faster the Auto Run speed the slower the color change.

UNIVERSAL DMX CONTROL:

This unit allows you to use any universal DMX-512 controller to control the RGBW LEDs, motor speed, auto run programs, and strobe. A DMX controller allows you to create unique programs tailored to your individual needs. Follow the set-up specifications that are included with your DMX controller.

1. The Katana LED uses seven DMX channels. Please see the DMX chart on the next page for the DMX values and functions.
2. To control your fixture in DMX mode, press the MODE button until “**AXXX**” is displayed. “**XXX**” represents the current displayed DMX address.
3. Use the UP or DOWN buttons to find your desired address. After you have found your desired DMX address plug in the fixture via the XLR connections to any standard DMX controller.
4. Use the controller’s faders to control the various DMX fixture traits.
5. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.
6. For help operating in DMX mode consult the manual included with your DMX controller.

MASTER-SLAVE SET UP (SOUND ACTIVE OR AUTO MODE):

This function will allow you to link up to 16 units together and operate without a controller. The units can be sound activate or run in auto mode. In Master-Slave Set Up one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Master or as a Slave.

1. This is a very simple process. Using standard XLR microphone cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. For longer cable runs we suggest a terminator at the last fixture.
2. Set the Master unit to your desired operating mode. Set the Slave units to the DMX addressing mode.
3. The Slave unit should now start to follow the Master unit.

DMX TRAITS: 7 CHANNELS

CHANNEL 1: STROBING

0 - 5 = NO STROBING
6 - 249 = STROBING SLOW - FAST
250 - 255 = NO STROBING

CHANNEL 2: RED

0 = OFF
1 - 255 = 0% - 100%

CHANNEL 3: GREEN

0 = OFF
1 - 255 = 0% - 100%

CHANNEL 4: WHITE

0 = OFF
1 - 255 = 0% - 100%

CHANNEL 5: BLUE

0 = OFF
1 - 255 = 0% - 100%

CHANNEL 6: MOTOR ROTATION

0 = NO ROTATION
1 - 127 = PLACE MOTOR POSITION
128 - 255 = MOTOR MOVEMENT SLOW - FAST

DMX TRAITS: 7 CHANNELS

CHANNEL 7: AUTO RUN

0 - 5 = NO FUNCTION
6 - 42 = RED LED, MOTOR SPEED SLOW-FAST
43 - 80 = GREEN LED, MOTOR SPEED SLOW-FAST
81 - 117 = WHITE LED, MOTOR SPEED SLOW-FAST
118 - 155 = BLUE LED, MOTOR SPEED SLOW-FAST
156 - 205 = LED TRANSITION, LED CHANGE FAST-SLOW, MOTOR SPEED SLOW-FAST
206 - 249 = LED GRADUAL CHANGE, LED CHANGE FAST-SLOW, MOTOR SPEED SLOW-FAST
250 - 255 = SOUND ACTIVE

NOTE: When Channel 7 is being used, channels 1-6 will now work.

Channel 1 Strobe only works with channels 2-5.

Channel 6 will only work with channels 1-5.