

Introduction

Unpacking: Thank you for purchasing the LED . Every suit has been thoroughly tested and shipped in perfect condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for any damage and be sure all accessories necessary to operate the unit has arrived intactly. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without any warning.

Warning:

To prevent or reduce the risk of electrical shock or fire, Do not expose this to rain or moisture.

Caution:

There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufacturer warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer.

Please recycle the shipping carton whenever possible.

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

Features

- Multi-Colors
- Color Strobe
- Electronic Dimming 0-100%
- DMX-512 protocol
- Master/Slave synchronization
- LED operation menu with function buttons
- Daisy Chain Units Together in DMX Mode

Safety Precautions

- To reduce the risk of electrical shock or fire, do not expose this unit to moisture.
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit,
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are user serviceable parts inside.
- Never operate this unit when its rear cover is removed.
- Never plug this unit into a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only; use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the units main power.

- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning unit should be cleaned only as recommended by the manufacturer. See ‘Cleaning’ for details.
- Heat –The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The unit should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the appliance.
 - C. The appliance has been exposed to rain or water.
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Set UP

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the voltage required for your every suit. Every suit is available in a 100v and 240v version. Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you unit.

DMX Linking: To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a unit is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Operating Instructions

Operating Modes: You can use the suit in 3 ways:

- Auto Mode-The unit will automatically chase through the different colors.
- DMX control mode – This function will allow you to control each individual units traits with a standard DMX 512 controller.
- Master-slave mode – One unit will work as the master in the one of the above three modes, other units in the chain will work in synchronization towards the master.

DMX Mode: Operating through a DMX controller give the user the freedom to create their own Programs tailored to their own individual needs. This function also allows you to use your units as spot lights.

1. This function will allow you to control each individual unit’s traits with a standard DMX 512 controller.
2. The LED suit uses 4/7DMX channels to operate. Please see “DMX Values and Functions” for the DMX traits.
3. To run your unit in DMX mode, plug in the unit via the XLR connections to any standard DMX controller. Set your desired DMX address following the setup specifications that come with your DMX controller.

Touch Buttons

There are four touch buttons under the LED display: Menu, Up, Down, Enter. Normally, the LED will display the current DMX address code of the fixture. At this time, presses up and down to choose the functions you want.



LED Operation Menu: LED screen with four touch buttons: **MENU, UP, DOWN and ENTER.**

Press MENU to return to the upper menu; Press UP or DOWN to scroll into the menu options or to adjust

the values. Press ENTER to confirm.

After power on and initialization, it will show the status before last power off. Then, the unit is ready for setting and working. Please see the following table for setting information.

Main Menu	Sub-menu	Option	Value	Functions		
A.001	A.***		001-511	To set the DMX address code		
7cH (or .4cH)			4 or 7	To set the unit in 4CH mode or 7CH mode [see DMX chart below]		
AUTO	AT.*F (or AT.*O)		1-8	To set the unit in auto mode. 8 auto programs selectable. O for On; F for off.		
EDIT	Pr.*F (or Pr.*O) [8 programs for editing. O for On; F for off.]	r.***	000	Red off		
			001-255	Red brightness, dark to bright		
		g.***	000	Green off		
			001-255	Green brightness, dark to bright		
		b.***	000	Blue off		
			001-255	Blue brightness, dark to bright		
		E.***	000	White off		
			001-255	White brightness, dark to bright		
		S.***	000	No soft color mixing effect		
			001-255	Soft color mixing ¹ , from fast to slow		
		T.***	000	To run only the current program		
			001-255	To set the running time (in second) of each program in the sequence		
		F.***	000	No strobe effect		
			001-079	Strobe effect 1 ² , from fast to slow		
			080-159	Strobe effect 2 ² , from fast to slow		
			160-239	Strobe effect 3 ² , from fast to slow		
			240-255	Custom strobe effect, from slow to fast		
		F1.**	00-99 (shown on the unit; on DMX console: 000-255)	To set light up time from dark to bright, 0-2.2 sec.		To set custom strobe effect ("F.***" at 240-255)
		F2.**		To set max. brightness holding time, 0-2.2 sec.		
		F3.**		To set light down time from bright to dark, 0-2.2 sec.		
F4.**	To set light off holding time, 0-2.2 sec.					
SLAV (or HOST)				To set the unit as a slave or a master ³ ; SLAV for slave; HOST for master.		

Note 1: Soft color mixing is a special color mixing effect, in which each single color (red, green, blue and/or white) is dimming bright and dark on a respective sinusoidal rate.

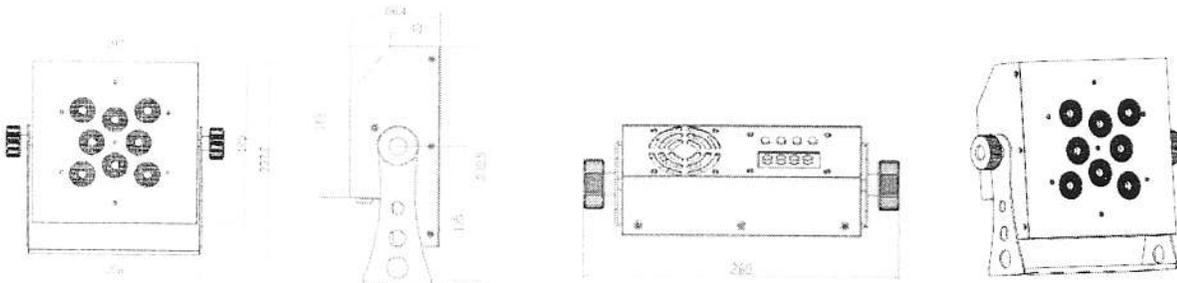
Note 2: Strobe effect 1: Fast on fast off
 Strobe effect 2: Slow on fast off
 Strobe effect 3: Fast on slow off

Note 3: When in Master/Slave Synchronization Mode, only one unit in a series chain can be set as the master.

CH4 in the below DMX chart is applicable. When the unit is set in 7CH mode, the unit occupies 7 or 11 channels and the full DMX chart is applicable.

Channel	Value	Function		
(In 4CH mode, only CH1, CH2, CH3 & CH4 are available)				
1	000	Red off	When CH7 is at 1-255, CH1-CH4 are to adjust the period of sinusoidal dimming for respective color.	
	001-255	Red, 0-100% linear dimmer		
2	000	Green off		
	001-255	Green, 0-100% linear dimmer		
3	000	Blue off		
	001-255	Blue, 0-100% linear dimmer		
4	000	White off		
	001-255	White, 0-100% linear dimmer		
(The below channels are available only in 7CH mode.)				
5	000	All off	(See Note 2 above)	
	001-255	Master dimmer, 0-100% linear dimmer		
6	0	Enable linear dimmer of CH1, CH2 & CH3.		
	001-255	Soft color mixing [see Note 1 above], from fast to slow. CH1-CH4 are to adjust the period of sinusoidal dimming for respective color.		
7	000	No strobe		
	001-079	Strobe effect 1, from fast to slow		
	080-159	Strobe effect 2, from fast to slow		
	160-239	Strobe effect 3, from fast to slow		
	240-255	Custom strobe effect, from slow to fast. CH8-CH11 generated. ⁴		
(CH8-CH11 are generated when CH7 is at 240-255. CH8-CH11 do not exist when CH7 is at 0-239.)				
8	000-255	To set light up time from dark to bright, 0-2.2sec.		To set custom strobe effect (CH7 at 240-255)
9	000-255	To set max. brightness holding time, 0-2.2sec.		
10	000-255	To set light down time from bright to dark, 0-2.2sec.		
11	000-255	To set light off holding, 0-2.2sec.		

Dimensions



Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe off the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the unit operates (i.e. smoke, fog residue, dust, dew)

Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly (pin 3 is "hot"; on some other DMX devices pin 5 may be "hot"). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Specifications

Model: LED Mini Quad 8 (4in1)

Voltage: 100-240V/50-60Hz

LED: TX high power LEDs 4in1 LEDs*8pcs

Gross Weight: 2 Kgs

Dimensions: 235*197*230 mm

Warranty: 1 Year

PLEASE Note: All information is subject to change without prentice !