



**User Manual: Squared Storm 5 UV**

# **SquareLED Storm 5 UV**



**User Manual**

## **INTRODUCTION**

Thank you for having chosen our LED lighting  
Unpack the device, inside the box you should find:

- The fixture device
- One power cable
- One XLR connection cable
- This manual

Please check carefully that there is no damage caused by transportation.  
Should there be any problems, consult your dealer and don't install this device.

## **DESCRIPTION**

### Features

- Easy multi fixture hanging system, outdoor version available
- 44pcs UV LED, no ultraviolet radiation
- More than 50,000 hours for the LED light source
- 35 degrees
- 2/3/4 DMX channels
- 16 Bit Dimmer
- DMX Mode /Master-slave mode
- AC 100-240V 50/60Hz 260W
- Diecasting heatsinks, convection cooling, no fans, no noise
- With temperature sensor to extend the lamp life
- 7000 Hz LED scan rate
- L: 490mm H:285mm W:105mm, Weight 9Kg
- IP65/IP43 selectable

## **SAFETY INSTRUCTIONS**

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

This device falls under protection-class I. Therefore, it is essential that the device should be earthed.

The electric connection must carry out by qualified person.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

**Never look directly into the light source, as sensitive persons may suffer an epileptic shock.**

**Important:**

**Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.**

**DMX-512 control connection**

The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:

- 2 conductors plus screen
- 120Ohm impedance
- low capacitance
- max. transmission rate 250kBaud.

**DMX-512 connection with DMX terminator**

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 OHM resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain.

## Display Menu

Main menu	Sub-menu		
address	DMX Address Setting		
config	channel	channel 2Ch	
		channel 3Ch	
		channel 4Ch	
	Dimmer Curve	Mode L	
		Mode Q	
		Mode I	
		Mode S	
	Cipher Setup	0-999	
	Key Mode	Lock	
		Unlock	
	Temp Unit CS	Celsius Degree	
		Fahrenheit Degree	
DMX Status	Value Clear		
	Value Hold		
Display Mode	Auto		
	On		
System Info	Temp		
	Hour		
Color Menu	UV1 menu	0-255	
	UV2 menu	0-255	
UV Balance	Set UV1	0-255	
	Set UV2	0-255	
Auto Test			
Load Default			
Firmware Version			

## DMX functions and values

### 2CH Mode

1	0-255	UV1 Dimmer
2	0-255	UV2 Dimmer

### 3CH Mode

1	0-255	Master Dimmer
2	0-255	UV1 Dimmer
3	0-255	UV2 Dimmer

### 4CH Mode

1	0-255	Master Dimmer 0-100%
2	0-255	UV1 Dimmer
3	0-255	UV2 Dimmer
4	0-007	Shutter open
	8-015	Shutter Blackout
	16-151	Variable Strobe
	152-175	Pulse Close
	176-199	Pulse Open
	200-244	Variable Random Strobe
	245-255	Shutter Open

## CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

**CAUTION! Disconnect from mains before starting maintenance operation.**

There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

If you need any spare parts, please use genuine parts.

If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.

If you have further questions, please contact your dealer.



## **Das Lichttechnikhaus Vertriebs GmbH**

Rudolf-Diesel-Str. 3, D-89312 Günzburg

Telefon +49 (0) 82 21 207 98-0

Fax +49 (0) 82 21 207 98-69

E-Mail [info@lth-gmbh.de](mailto:info@lth-gmbh.de)

Web [www.lth-gmbh.de](http://www.lth-gmbh.de)