




USER MANUAL

ATLANTIS



151.554UK

ATLANTIS – For indoor use only



Caution! Please read this manual carefully before operating!
Damage caused by misuse is not covered by the warranty!

1. General Introduction :

Thank you for choosing the QTX Light Atlantis. This product meets the requirement of the European guidelines (CE). The Atlantis is designed to produce light effects for use in light show systems in bars, clubs, schools, on stages etc.

Features:

- 4 Operation modes: Automatic running, DMX, Sound Active, Master/Slave
- Sound active from built-in programs
- Strobe function
- Long life LED light source - no light bulbs to replace
- Razor sharp beams, Colors don't fade in time
- Produce bright multi-colored beams of light
- Large optical lens for maximum light output
- IEC Daisy chain function for power loop (MKII Version only)
- Very little heat production
- Very low power consumption
- Lightweight and easy to transport

2. Package Contents :

Please check the contents to ensure that the product has been received in good condition.

Light x 1 unit	User manual x 1pcs
Power Cord x 1pcs	

If you find any accessory is missing or the lighting has arrived with any problems, please contact your retailer at once. Do not try to fix this item yourself or you will lose the warranty. Please keep the original package and invoice for any possible replacement or returned demand.


3. Installation :

Every person involved with the installation, operation and maintenance of this device should be qualified and follow the instructions of this User Manual. We recommend that this product is not used for audience scanning and should be used within the guidelines of radiation of lasers and LED's used for display purposes "HSG95". When you connect to the main power supply the device will illuminate and the light effect will change with music when in sound activated mode.

4. Caution! To prevent Mortal Electrical Risk and Long Life Operation :

For your safety, please kindly pay attention to all of the warnings listed below:

- Always plug in the power plug last and disconnect from the mains, when the device is not in use or before cleaning.
- Do not install and operate the device in rain or extreme heat, moisture or dusty environments.
- This device is for indoor use only and in a dry environment.
- Do not switch on immediately but wait until it reaches to room temperature, if the device has been exposed to drastic temperature fluctuations.
- Do not shake the device and avoid brute force when installing or operating
- Do not spread the smoke or bubble of effect machine directly to the device.
- Do not use the device during thunderstorms and please disconnect the power.
- Do not use solvents or aggressive detergent to clean the device. Use a soft and clean cloth.
- Do not modify the device or the connected power cord without authorization.
- Use appropriate safety-rope for safety.
- Do not stare to the light.

- The symbol  determines the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 0.1m.

5. Connect with power supply - The ground wire must be connected :

Use the plug to connect to the main power supply as following.

Line	Connection	International signal
Brown	Live	L
Blue	Neutral	N
Yellow /Green	Earth	E

6. Quick Trouble Shooting :

7.1 if the unit is not functional – Check if main power is on and fuse.

7. Replacing Fuse :

Disconnect from the main power supply first, then remove the fuse holder above the IEC Socket to reveal the fuse. Replace the correct fuse rating as stated on lighting or user guide. Then, lock the fuse holder cover back into place.

8. General Maintenance :

To maintain optimum performance and minimize wear, fixtures should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass when fixture is cold with a mild solution to the cloth or tissue, and drag dirt and grime to the outside of the lens. Gently polish optical surface until they free of haze and lint.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequently depends on the environment in which the fixtures operates: damp, smoky or particularly dirty surroundings can require cleaning fluid. Always dry the parts carefully. Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

9. Mounting instruction :

The fixture may be mounted in any position provided there is adequate room for ventilation. It is important never to obstruct the fan or vents pathway. Mount the fixture using a clamp. Adjust angle of the fixture loosening both knobs and tilting the fixture. After finding desired position, retighten both knobs.

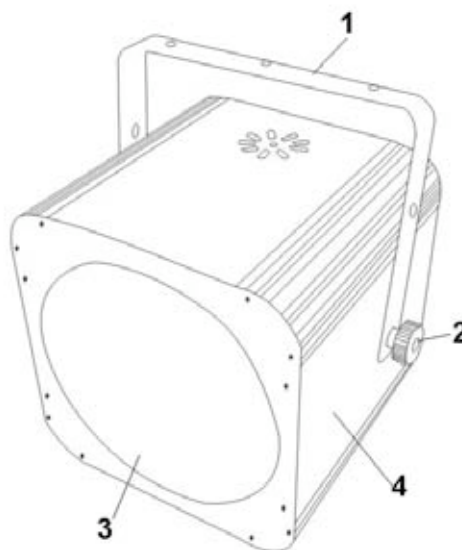
When selecting installation location, take into consideration lamp replacement access and routine maintenance. Safety cables must always be used.

Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperatures changes or restricted ventilation.

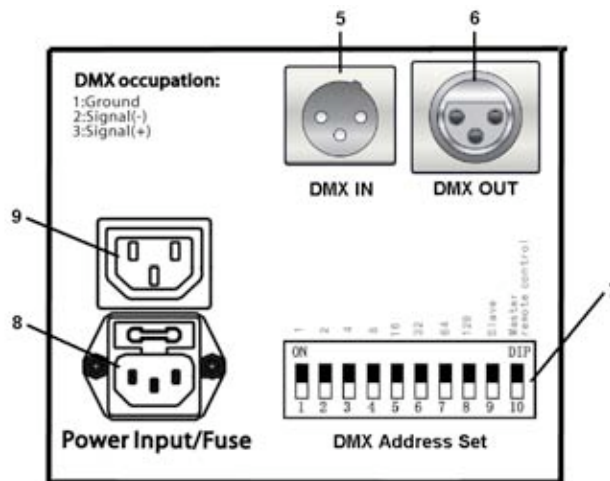
10. Layout for ATLANTIS

Front:

- 1) Mounting Bracket
- 2) Thumb Screw
- 3) Optical Lens
- 4) Housing Cover



Rear:



- 5. DMX input
- 6. DMX output
- 7. DIP Switch (DMX Address Set)
- 8. IEC Power Input
- 9. IEC Power Output (ONLY AVAILABLE ON MKII VERSION)

11. Operating instructions:

The Atlantis has 4 operating modes. It can operate automatically, sound activated, master/slave or DMX. The mode can be selected by the dipswitches on the back side of the unit.

12. Automatic / Sound active mode:

Set DIP switch 10 to ON position DIP switch 9 to OFF. Program and sound mode can be selected via DIP switches 1 to 8.

Function	Instruction
8	Automatic mode
7	Sound mode
6	All shining
5	Twinkling mode 1
4	Twinkling mode 2
3	Twinkling mode 3
2	Auto speed 2(quick)
1	Auto speed 1(slow)

13. Master / Slave mode:

Set DIP switch 10 & 9 to ON. The master unit will control now all the slave units. Select on the master device the program mode Automatic / Sound active mode this device then works as master device and controls all other slave devices (switch 1 on) which are to be connected to the master device via a 2 core screened cable. Connect the out XLR connector with the IN connector of the next device.

14. DMX Controlling :

DMX channel	DMX scale	Detail function
CH 1	000 - 199	Speed control quick to slow
	200 - 249	Auto running mode
	250 - 255	Sound control mode
CH2-8 7clusters working separately	000 - 031, 128 - 131	Not working
	032 - 063	Mode 1
	064 - 095	Mode 2
	096 - 123	Mode 3
	132 - 255	Static display
CH 9 All 7 clusters could be controlled	000 - 010	CH2-8 allow (more than 10 not allowed)
	011 - 031, 128 - 131	Not working
	032 - 063	Mode 1
	064 - 095	Mode 2
	096 - 123	Mode 3
	132 - 255	Static display

Set DIP switch 10 to OFF position and control the DMX receiving address with dip switches 1-9 and you're all set-up to start the DMX receiving mode.

(Note: 1 = On, 0 = Off)

DMX Address	DIP Switches								
	9	8	7	6	5	4	3	2	1
01	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	0	1	0
03	0	0	0	0	0	0	0	1	1
04	0	0	0	0	0	1	1	0	0
...
509	1	1	1	1	1	1	1	0	1

15. Disposal :

Please disposal of the unserviceable device according to the current statutory requirements.

16. Technical specification :

Voltage : 230Vac 50Hz	LED : 5mm LED
Fuse : F1A	LED Type : 280 Red, 63 Green, 126 Blue
Power Consumption: 60W	LED Life: 50,000 Hours (estimate)
Dimensions : 340 x 335 x 345mm	Weight: 6.5kg

Note: Conforms to Laser and LED Safety standard BSEN60825-1 2007