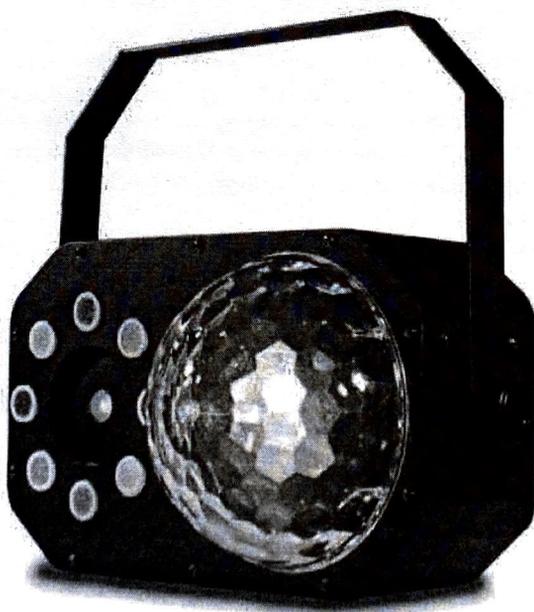


BALL, STROBE CHASE AND LASER USER MANUAL



Please read this manual carefully before operating the products.
Information under this manual subjects to update without prior advice.

SAFETY INTRODUCTION

- If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature.
- It is essential that the device is earthed. A qualified person must carry out the electric connection.
- 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. If it is damaged, ask your dealer or authorized agent to replace the power cord.
- Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by plug. Never pull out the plug by tugging the power cord.
- **DISCONNECT DEVICE:** Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Due to the magnifying type lens, please keep the lens out of contact with direct us. Direct we can cause heat to build up inside of the unit, which will seriously damage unit.

CAUTION:

1. Be very careful during installation. Since you will be working with a dangerous voltage you can suffer a life-threatening electric shock when touching live wired.
2. Never look directly into the light source, as sensitive persons may suffer an epileptic shock.
3. Please be aware that damages caused by manual modifications to the device are not subject to warranty. Keep away from children and non-professionals.
4. The light doesn't include any spare parts for repair, please check if all the parts are well installed and screws are fitted tightly before operating. Do not use the light when the cover is open.

GENERAL GUIDELINES

- This device is only allowed to be operated with an alternating current of max. 220-240V AC/50-60Hz and was designed for indoor use only.
- Do not shake the device. Avoid brute force when installing or operating it.
- Operate the device only after having familiarized yourself with its functions. Do not permit operation by person not qualified for operating the device. Most damages are the result of unprofessional operation.
- Please use the original packaging if the device is to be transported.
- For safety reasons, please be aware that all modifications on the device are forbidden. Furthermore, any other operation may lead to short-circuit, burns, electric shock, lamp explosion, crash, etc. If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void.

Power Supply and Signal Cable Connection

1. Mains Power connection

The exclusive plug should be used between the connection of unit and power. Please ensure that the rated voltage and frequency are accordance with the power supply. The required input voltage and frequency are: 220-240Vac – 50-60Hz

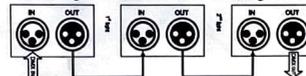
We suggest that every light has an independent switch so that you can turn on or turn off the light randomly.

Note: the ground wire (yellow/green double-color wire) must be safely connected, the electrical installation must be in accordance with the related standards

CAUTION: When installing the device, make sure there is no highly inflammable material within a distance of min.5m!

2. Connection of Signal Cable

You can use the 3-pin XLR cable to connect the output socket of the master and the input socket of the slave light. Connect the DIGITAL OUT socket of the master and the IN socket of the slave light, then, connect the OUT socket to the IN socket of the next light. Ordinal to connect all the lights as below:



The connection between the output of master and input of product, it's available to use the 3 pins XLR cable which provided by the manufacturer. Signal cable from the DMX output of the controller to the input of the first master light, and connect to the DMX input of second slave light from the DMX output of the first master light, analogously, till connected all the slave lights, and insert the last connector to the output of the final light. (Notice: the diameter of core of every cable should be 0.5mm at least, double core shelter cable should be used). The signal

connecting must use the attached 3 pins XLR cable. Notice, all the internal lead wire of the 3 pins XLR cable should not touch to each other or connect to the connector.

A DMX signal terminator is recommended on the last unit of the chain. DMX terminator is a XLR connector with a 120Ω resistor between the pin 2 and pin 3 of the XLR connector.

1. Illustration Part:



A B C D

A.Menu

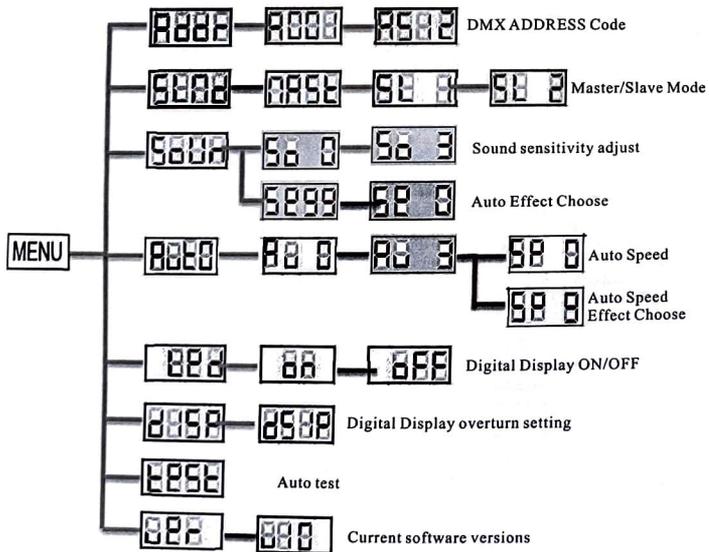
B.Up

C.Down

D.Enter

Operating Instructions: Press button A "Menu" to choose different functions , Press button "B" or "C" to amend parameter values, Press button "D" to "Enter"

2. LCD display different functions: (Press button "Enter" to enter)



3. DMX512 Channels:

Function Module	15-ch	Function	Value
Ball	1	Dimmer	000-255 0%~ 100%
	2	Strobe	000-008 Open
			009-255 Stroboscope (Speed 0 - 100%)
	3	Red	000- 255 0%~ 100%
	4	Green	000- 255 0%~ 100%
	5	Bule	000- 255 0%~ 100%
6	Moon Rotate	000- 010 Stop	
		011- 255 Rotate Slow to Fast	
Wash	7	Dimmer	000-255 0%~ 100%
	8	Strobe	000-008 Open
			009-255 Stroboscope (Speed 0 - 100%)
	9	Red	000- 255 0%~ 100%
	10	Green	000- 255 0%~ 100%
	11	Bule	000- 255 0%~ 100%
12	Yellow	000- 255 0%~ 100%	
Laser	13	Laser R	000- 007 off
			008- 127 on
			128- 255 on/off Switch
	14	Laser G	000- 007 off
			008- 127 on
			128- 255 on/off Switch
	15	Pan Rotate	000-010 Stop
			011-120 Movement forward fast -> slow
			121-134 Stop
		135-245 Movement forward Slow -> Fast	
		246-255 Stop	

Connected with DMX console, machines (under address code A001) could controlled by DMX console.
When master/slave mode, slave machine DMX Channels must set 39 Channels mode

Under address code mode, long press "Enter" last 5 seconds, can adjust max brightness of light. After finished setting, long press address code last 5 seconds returning to address code mode.

4. Master/Slave mode:

Under no any DMX console controlled, setting LCD display of all light to D001, then, only need to operate one of machine (master), the other machines(slave) running synchronously with master machine .

Under DMX console controlled, setting slave machine to 39 Channels mode first, then master/slave setting to D001.

- CH10/CH38 Two channel modes, only all setting to 38 channels mode can make master/slave.

MASTER-SLAVE :

Without Controller, How to use Master-slave function ?

Use signal line to connect all the machine one by one, Then set "d001" for all the machine. Then choose one of the unit as Master Unit, when you operate the Master Unit, the other (Slave) Unit will follow its operation.

The following points have to be considered during the inspection:

All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.

There must not be any deformations on the housing, glass pane, fixations and installation spots.

The electric power supply cables must not show any damage, material fatigue or sediments. Further instructions depending on the installation spot and usage have to be adhered to by a skilled installer and any safety problems have to be removed.

We recommend a frequent cleaning of the device. Please use a moist, lint-free cloth. Never use alcohol or solvents.

CAUTION: Disconnect from mains before starting maintenance operation.

CLEANING AND USING FREQUENCY OF PRODUCT

Please make sure that the light is power off before dismantling or maintaining, it's very important to keep the light clean. Frequent cleaning will ensure maximum brightness output, but also prolong the life time. It's suggested to use the high quality, professional glass detergent and soft cloth to clean the light. It's not allowed to use alcohol or chemical solvent. The inner part of the light should be cleaned by vacuum cleaner at least once a year. When the light doesn't work, please check if the fuse is burnt out or not. If it is, the same fuse should be replaced, find out the faulty and restart the light. But please note the repair must be handled by professional.

TECHNICAL SPECIFICATIONS

Channels: 15 DMX Channels
Control mode: Auto, Sound, Master-slave, DMX
LED power:6x3W RGBWAV+8x1W RGBY LED's +Red&Green Laser
Working environment:20°C – 40°C
Voltage: AC 220-240V
Frequency: 50-60Hz
Power: 55W
Long life LEDs:..... 50000hours
N.W 4kg