Music & LIGHTS
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Scan kit

PROLIGHTS
PROFESSIONAL LIGHTS

User Guide

G. FIXTURE CLEANING

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

1. Clean with soft cloth using normal glass cleaning fluid.
2. Always dry the parts carefully.
3. Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

EC Declaration of Conformity

We declare that our products (lighting equipments) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

EN55014-1: 1993, EN61000-3-2: 1995, EN61000-3-3:1995
EN55014-2: 1997 CATEGORY II
EN61000-4-2: 1995, EN61000-4-3: 1995, EN61000-4-4:1995
EN61000-4-5: 1995, EN61000-4-6: 1995, EN61000-4-11: 1994

&

Harmonized Standard

EN60598-1: 1993
Safety of household and similar electrical appliances
Part 1 : General requirements

Following the provisions of the Low Voltage Directive 73/23/EEC and 93/68/EEC.

EC Declaration of Conformity

We declare that our products (remote controller) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

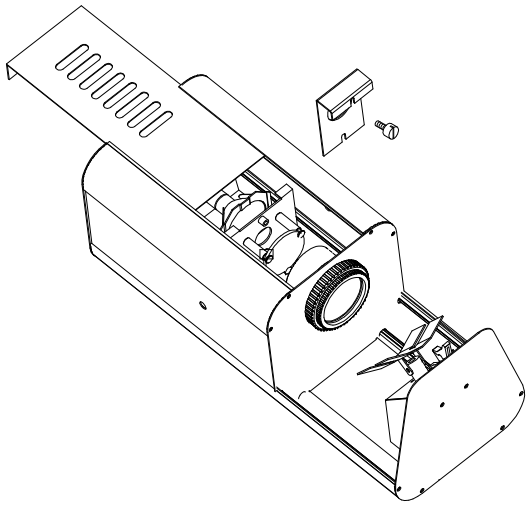
EN55015: 1993
EN50082-1: 1997
EN61000-3-2: 1995
EN61000-3-3: 1995

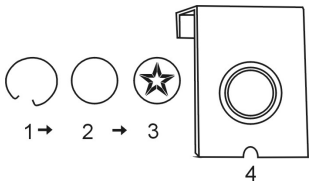
E. HOW TO CHANGE GOBO & COLOR

Each fixture with 1 gobo and 1 color plus additional 1 gobo and 1 color.

Gobos				
Colors	Magenta	Orange	Light Blue	Light Green

1. Disconnect from the main power, and wait for about 15 minutes to let the fixture cool down before opening the cover.
2. There is a single thumb screw on the gobo/color base. Unscrew the thumb screws and remove the gobo/color base.
3. Remove the spring and change the gobo or color as belowshowing.
4. Re-assemble.





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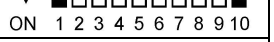
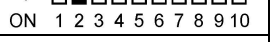
(2) Preprogram functions

- The unit can be linked together as master/slave in 4 channels and run by built in preprogrammed chase sequences automatically or by sound activation. Please refer to dip switch setting table for how to set the dip switches to achieve master/slave linking.
- The first unit dip switch 10 must be on in master/slave mode

Unit	Dip switches setting
Master	
Slave 1	
Slave 2	
Slave 3	

(3) By easy controller

The easy remote controller uses a 1/4" microphone jack connected to the first unit. When you press the button you will find that the remote controller on the first unit will controls all the other linked units for blackout, and switch off the bulb after 30 seconds.

• Start the address

How to address your DMX512 system:

1. Select the channels of DMX controller
2. Dip switches

Dip	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Value	1	2	4	8	16	32	64	128	256	M/S

• Examples:

Channel 1 : dip / on : #1 (1)
Channel 2 : dip / on : #2 (2)
Channel 3 : dip / on : #1, #2 (1 + 2 = 3)
Channel 4 : dip / on : #3 (4)

Unit	Dip switches setting
CH 01	
CH 02	
CH 03	
CH 04	

DMX CONFIGURATION

DMX512 leave range	0 ~ 176	177 ~ 255
Reflector	0 ~ 360 degree position	Continuous rotation

A. GENERAL INSTRUCTIONS

Please read the enclosed instructions carefully as they include important points about safety for the installation, usage and maintenance of the unit.

- Please keep this user guide with the unit for future consultation. If you sell the unit to another user, be sure that the new user also receives this instruction booklet thus giving them the necessary information about the use and general warnings regarding the unit.
- Before the initial start-up, please unpack and carefully check all components in case any damage may be caused during transportation.
- Locate a suitable spot for your device where the ventilation is good. Also, make sure that no ventilating fans or slots are blocked.
- Protect our environment! Please dispose of the packing boxes properly.
- The electrical work that is necessary for installation must be done by qualified personnel.
- Always remember to unplug the unit from the mains power before any service is done. Do not open the unit, there are no serviceable parts inside.
- It is very important to ground the yellow/green conductor to earth in order to meet regulations for safety.
- Check the surrounding area and make sure there are no flammable liquids, water or metal objects that could enter the fixture. If a foreign object enters the unit, immediately disconnect the main power. Also, place the fixture in a well-ventilated place at least 15 cm from the walls.
- Do not touch any wires during operation, as high voltage might be hazardous.
- In the event of serious operating problems, stop using the unit immediately. Never try to repair the unit yourself. Repairs carried out by unqualified personnel can lead to damage or malfunction. Please contact the nearest authorized Technical Assistance Center. Always use genuine spare parts.

B. MAIN FEATURES

- Voltage•AC 120V 60Hz or 230V 50 Hz
- Bulb•JCR 15V 150W
- One channel intelligent light can be controlled by standard universal DMX controller.
- 4 units per set with 1 pc of CA-5, 3 pcs of DC-3. Each fixture with 1 gobo and 1 color plus additional 1 gobo and 1 color.
- Gobo and color changeable; Stepper motor with blackout feature.
- Accurate optics system and fan cooling.
- Master/slave linkage in 4 channels, running by pre-programmed light show for immediate operation. Sound activation.
- Using easy controller CA-5 in master/slave mode to blackout the units.
- Perfect for clubs, pubs, parties, mobile DJs, etc.
- Dimensions•405 x 140 x 160 mm
- Weight•5.6 kg

C. LAMP

JCR 15V 150W

- Always switch off the mains supply and never handle the lamp or luminaire when it is hot.
- Do not touch the bulb with bare hands. If this does happen, clean the lamp with denatured alcohol and wipe with a lint free cloth before installing.

D. HOW TO CONTROL THE UNIT

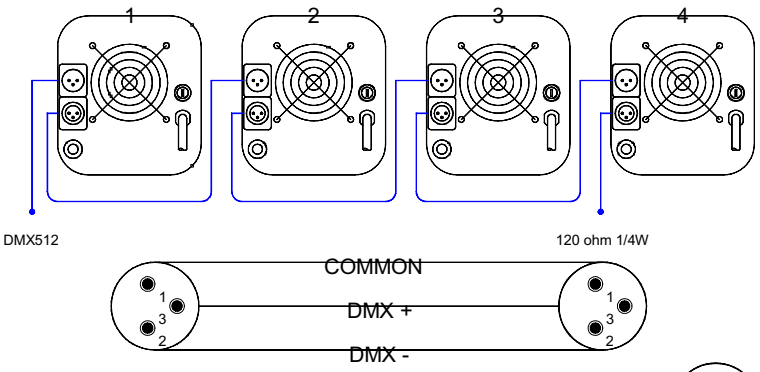
(1) By universal DMX controller

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels.

- A DMX512 system requires a controller, lighting equipment and cable. These are connected together in a “daisy chain” with the terminator at the end. The cable cannot be branched or split to a “Y” cable.
- The terminator requires a 90-120 Ohm 1/4 Watt resistor soldered between two signal cables.
- The DMX512 uses a very high speed signal. Inadequate or damaged cables, bad solder joints or corroded connectors can easily distort the signal and shut down the system. A reliable DMX512 system starts with good quality cables.
- Each lighting unit needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).
- The end of the DMX512 system should be terminated to reduce signal errors.
- 3 pin XLR connectors are more popular than 5 pin XLR.

  3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

  5 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)



Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal.
(Resistance 120 ohm 1/4W) between pin2 (DMX-) and pin3 (DMX+) of the last fixture.