CLAIR LIGHTING

LED Beam 230 Movinghead

User's Manual

1. BEFORE YOU BEGIN
What is included
> **Moving head** （1PCS）
> **XLR Cable** （1PCS）
> **User manual** （1PCS）
>

Unpacking Instructions

Immediately upon receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are present,and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or te carton itself shows signs of mishandling. Save te carton and all packing materials.

Safety Instructions

Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product.

◆ Please keep this User Guide for future consultation,if you sell the unit to another user,be sure that they also receive this instruction booklet.

◆ Always make sure that you are connecting to the proper voltage,and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.

◆ This product is intended only for indoor use

◆ Always disconnect from power source before servicing or replacing lamp or fuse and be sure to replace with same lamp source.

◆ Maximum ambient temperature(Ta) is 40 degree,Do not operate fixture at temperatures higher than this.

◆ The unit must be installed in a location with flammable materials,at least 20cm (8in) from adjacent surfaces

◆ In the event of a serious operating problem,stop using the unit immediately.Never try to repair the unit by yourself,Repairs carried out by unskilled people can lead to damage or malfunction.Please connect the nearest authorized technical assistance center,Always use the same type spare parts.

◆ **When Power off,it need 25-30 minutes to cool especially bulb cooling before reconnecting the power.**

□ SPECIFICATION

■ **Voltage:AC110-240V   50-60Hz**
■ **Power Consumption:300W 220V,50Hz**
■ **Light Source:7R 230w Osram bulb**
■ **Color Temperature:8000K**

■ **Ballast:Electronics ballast**

- **OPTICS:**
- **HQ glass lens**
- **Zoom: from zero to 3.8°**
- **Prism Focus: electronic**
- **Channels:16/20 channel**
- **Color Wheel:**
  One with 14 colors+open
  With adjustable rotation speed
  With double direction stream and rainbow effect
  With color location
- **Fixed Gobo Wheel:**
  With 17 gobos+open
  With double direction rotation
  With sharking effect With adjustable rotating speed
- **Prism:**
  8-facet rotating prism
- **Frost:**
  With frost effect
- **Strobe:**
  Mechanical Strobe 1-12 F.P.S
  With adjustable strobe speed
- **Movement:**
  Pan0-540°/Tilt 0-270°
  With Pan/Tilt fine function Auto correction function
- **LCD display**
  High temperature protection

Dimension:44×39×53cm
Gross weight:19.5KG

OPERATING INSTRUCTIONS

1、DMX512 Channel Values

CHANNEL	CHANNEL MODE	
	16	20
1	COLOUR WHEEL	COLOUR WHEEL
2	STOP/STROBE	STOP/STROBE
3	DIMMER	DIMMER
4	STATIC GOBO CHANGE	STATIC GOBO CHANGE
5	PRISM INSERTION	PRISM INSERTION
6	PRISM ROTATION	PRISM ROTATION
7	PRISM ZOOM	PRISM ZOOM
8	FROST	FROST
9	FOCUS	FOCUS
10	PAN	PAN
11	PAN FINE	PAN FINE
12	TILT	TILT

13	TILT FINE	TILT FINE
14	FUNCTION (UNUSED)	FUNCTION (UNUSED)
15	RESET	RESET
16	LAMP CONTROL	LAMP CONTROL
17		PAN-TILT TIME
18		COLOUR TIME
19		DIMMER-PRISM-FROST TIME
20		GOBO TIME

> ## STOP/STOBE - channel 2

BIT	EFFECT
252-255	OPEN
239-251	RANDOM FAST STROBE
226-238	RANDOM MEDIUM STROBE
213-225	RANDOM SLOW STROBE
208-212	OPEN
207	FAST PULSATION
......	......
108	SLOW PULSATION
104-107	OPEN
103	FAST STROBE
......	......
4	SLOW STROBE
0-3	CLOSED

> ## DIMMER - channel 3

BIT	EFFECT
255	100%
......	......
0	0%

> ## Gobo - channel 4

BIT	EFFECT
255	GOBO 17 SHAKE, FAST SPEED
......	......
251	GOBO 17 SHAKE, SLOW SPEED

250	GOBO 16 SHAKE, FAST SPEED
......	......
246	GOBO 16 SHAKE, SLOW SPEED
......	......
180	GOBO 2 SHAKE, FAST SPEED
......	......
176	GOBO 2 SHAKE, SLOW SPEED
175	GOBO 1 SHAKE, FAST SPEED
......	......
171	GOBO 1 SHAKE, SLOW SPEED
170	FAST ROTATION
......	......
135	SLOW ROTATION
130-134	STOP
129	SLOW ROTATION
......	......
90	FAST ROTATION
85	GOBO 17
80	GOBO 16
75	GOBO 15
70	GOBO 14
65	GOBO 13
60	GOBO 12
55	GOBO 11
50	GOBO 10
45	GOBO 9
40	GOBO 8
35	GOBO 7
30	GOBO 6
25	GOBO 5
20	GOBO 4
15	GOBO 3
10	GOBO 2
5	GOBO 1
0	WHITE

➢ **PRISM INSERTION - channel 5**

BIT	EFFECT
128-255	PRISM INSERTED
0-127	PRISM EXCLUDED

> ➤ PRISM ROTATION - channel 6

BIT	EFFECT
255	FAST ROTATION
......	......
193	SLOW ROTATION
191-192	STOP
190	SLOW ROTATION
......	......
128	FAST ROTATION
0-127	POSITION

> ➤ PRISM ZOOM - channel 7

> ➤ FROST - channel 8

BIT	EFFECT
128-255	FROST INSERTED
0-127	FROST EXCLUDED

> ➤ FOCUS - channel 9

BIT	EFFECT
255	100%
......	......
0	0%

> ➤ PAN - channel 10

> ➤ PAN FINE - channel 11

> TILT - channel 12

> TILT FINE - channel 13

> FUNCTION - channel 14 (NOUSED)

> RESET - channel 15

BIT	EFFECT
128-255	COMPLETE RESET
77-127	PAN/TILT RESET
26-76	EFFECTS RESET
0-25	UNUSED RANGE

> LAMP CONTROL- channel 16

BIT	EFFECT
101-255	LAMP ON
10-100	LAMP OFF
0-9	UNUSED RANGE

> TIMING CHANNELS

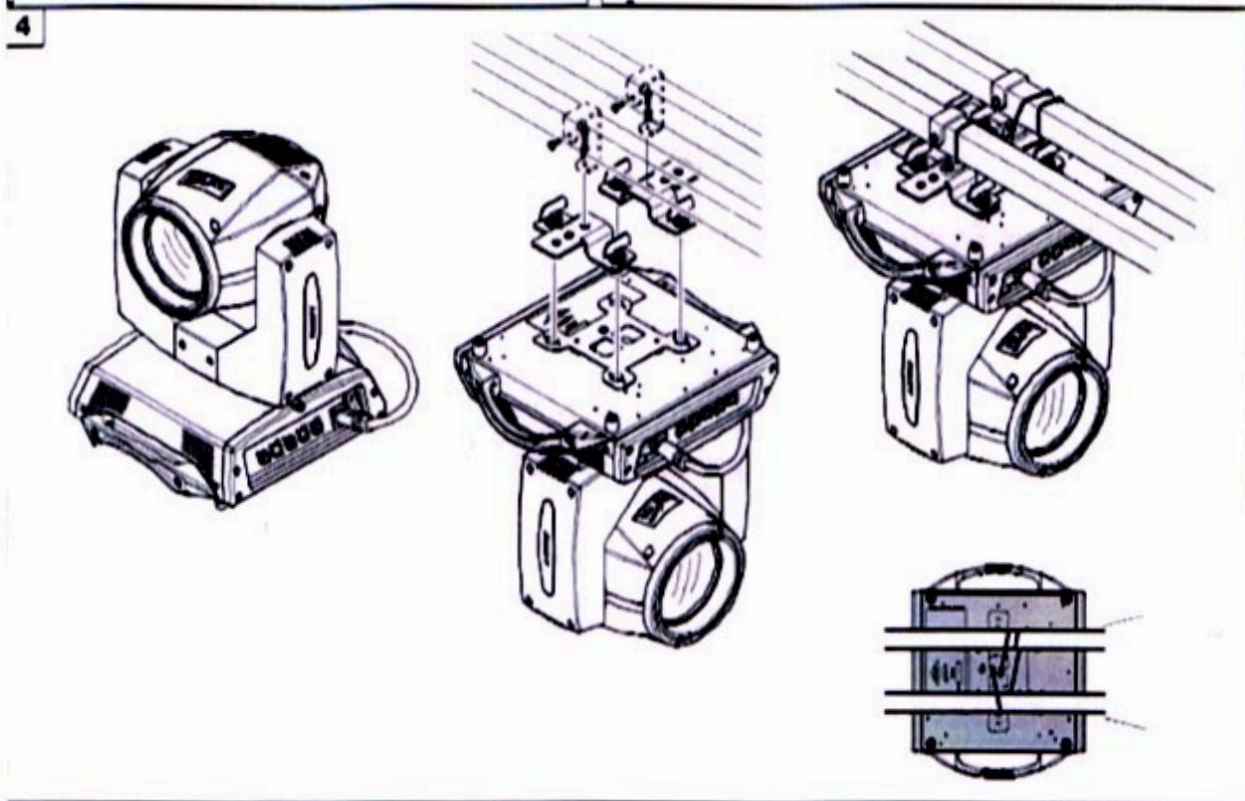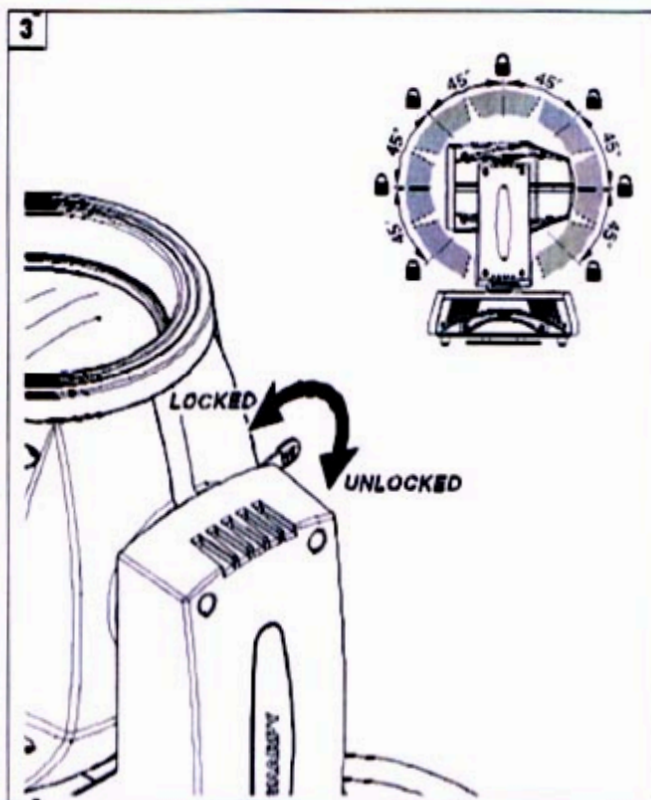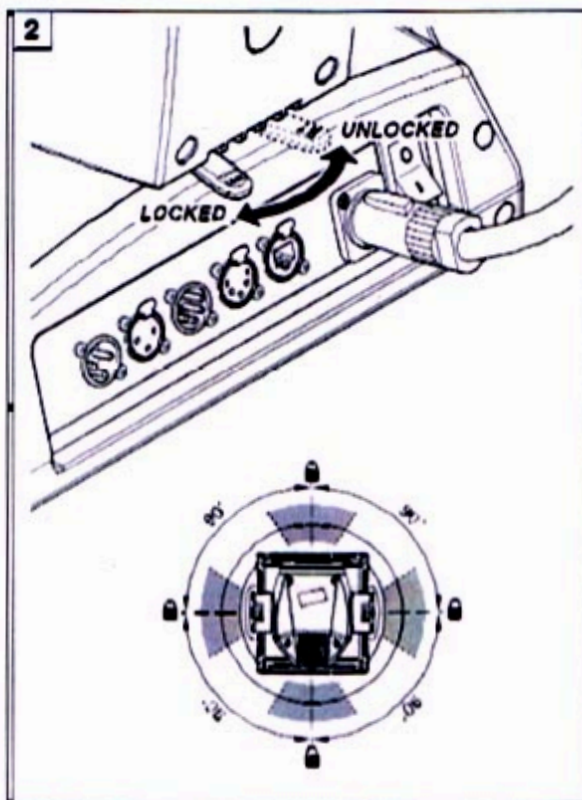|	Timing Channel	Channel function	Remark	
17	Pan-Tilt time	Pan-Tilt-(Pan fine-Tilt fine)	255	SLOW SPEED
18	Colour time	Colour wheel	......	......
19	Beam time	Dimmer-Prism -Frost	0	FAST SPEED
20	Gobo time	Static Gobo		

Setting up a DMX Serial Date Link
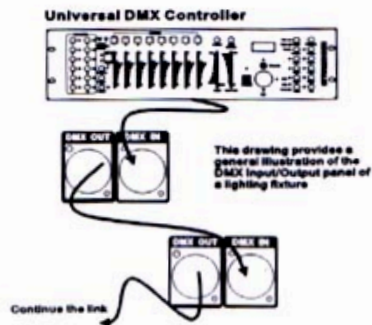
1. Connect the (male) 3 pin connector side of the DMX cable to the output (female)3 pin connector of the controller.
2. Connect the end of the cable coming from the controller which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector.
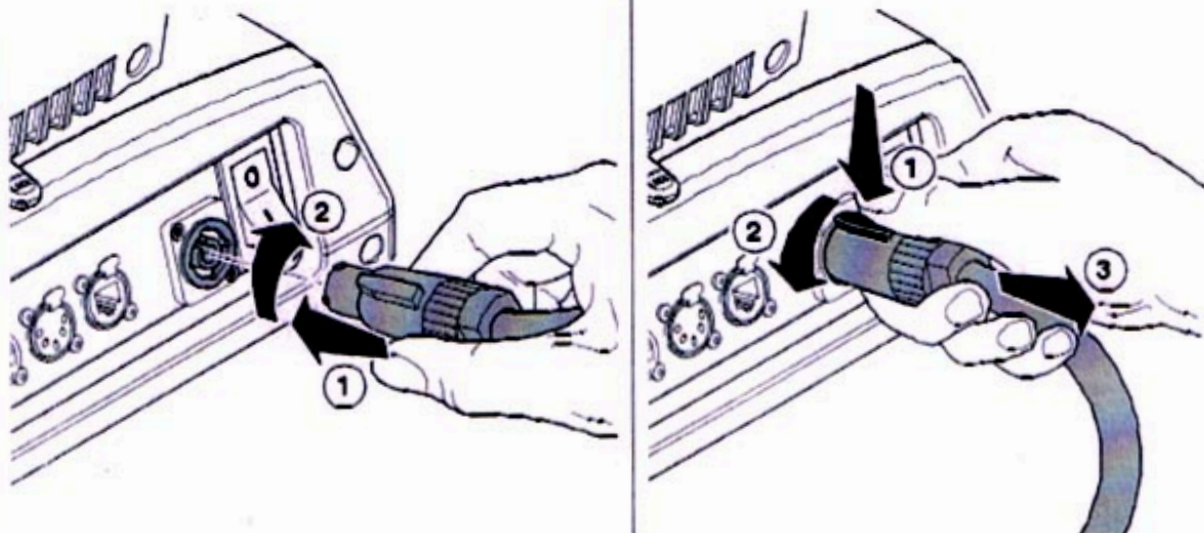3. Then,proceed to connect from the output as sated above to the input of the following fixture and so on.
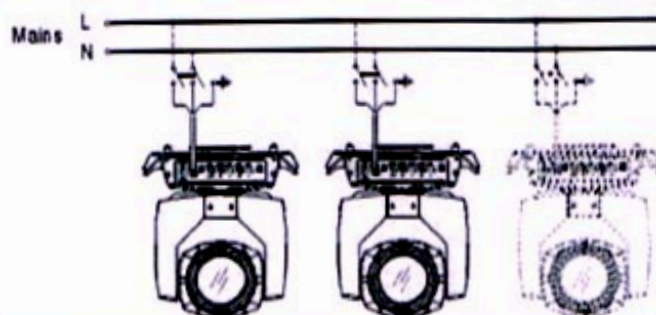
Installation

5

6

Mains L
N

7

DMX 512

DMX 512
5 PIN

SCREEN
SIGNAL —
SIGNAL +

DMX 512
3 PIN

SIGNAL —
SIGNAL +
SCREEN