User manual

HEX 3
LCG-022

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

Unpacking: Thank you for purchasing the LCG-022. Every LCG-022 has been tested and shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all equipment necessary to operate the unit has arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without contacting customer support first.

Introduction: The LCG-022 has six and nine DMX mode. The fixture can operate in three different operating modes; DMX contorl, sound-active, or in a Master/Slave configuration. The LCG-022 comes with several built in programs that can be used, while operating as a dimmer unit or when used in multiples linked in a master/slave configuration. For best results use fog or special effects smoke to enhance the beams projections.

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Warning! This may cause severe eye damage. Avoid looking directly into the light source at all times!
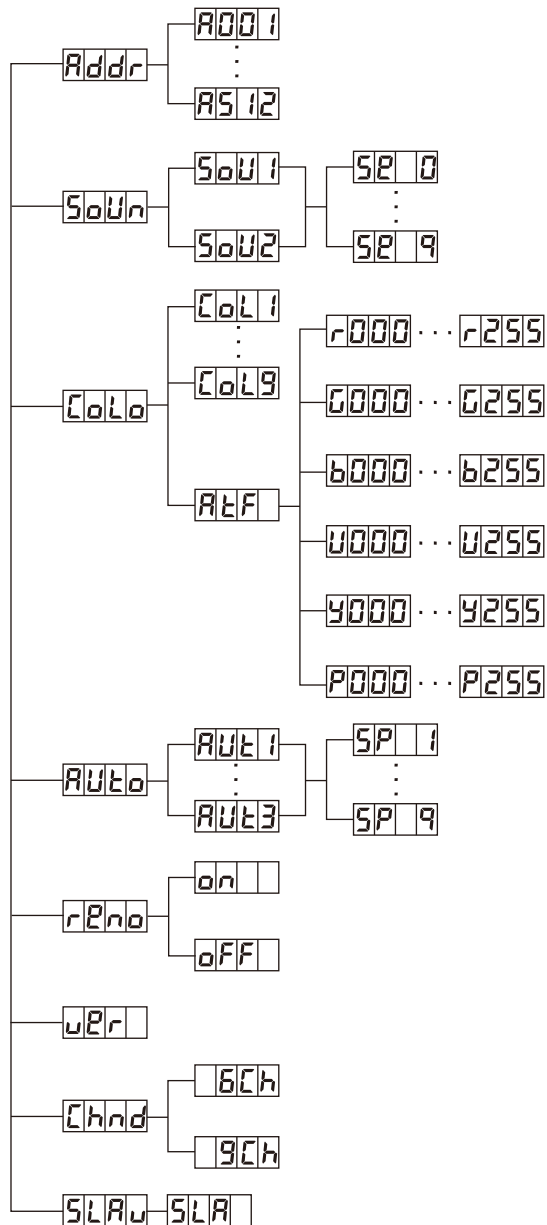
Features

- Color Strobe Effect
- Color Mix Effect
- LED Chases (Adjustable Speeds)
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- 3 Operating Modes - Sound Active, Maser/Slave Mode, and DMX Control
- DMX-512 Protocol Compatible
- Digital Display for Address and Function Setting

Model

- Light Source: 3pcs , 12W 6 in 1 LED，RGBWAUV
- Beam Angle:25°
- Life Time： 80000-100,000 hours
- Dimming 0-100%with regulated constant color control
- Strobe: 10 Flashed per second (any color)
- Operation Mode： DMX 512,Manual.sound.internal program
- Two DMX control: 6 and 9 DMX mode
- Control panel: Digital 4 characters alphanumeric
- Input voltage: AC110-240V, 50-60HZ (Power supply switch)
- Max Power:30W
- Maximum Ambient Temperature： 40℃
- N.W:1.2kg

On Board System

```
Addr ─┬─ A001
      │   :
      └─ A512

SoUn ─┬─ SoU1 ─┬─ SE 0
      │         │   :
      └─ SoU2 ──┴─ SE 9

CoLo ─┬─ CoL1
      │   :
      ├─ CoL9
      │
      └─ AtF ─┬─ r000 ··· r255
              ├─ G000 ··· G255
              ├─ b000 ··· b255
              ├─ U000 ··· U255
              ├─ y000 ··· y255
              └─ P000 ··· P255

AUto ─┬─ AUt1 ─┬─ SP  1
      │         │   :
      └─ AUt3 ──┴─ SP  9

r2no ─┬─ on
      └─ oFF

u2r

Chnd ─┬─ 6Ch
      └─ 9Ch

SLAu ─── SLA
```

Addr - DMX Address Setting via control board
1. Tap the MENU button and UP button or DOWN button until "Addr" is displayed, press ENTER.
2. "Axxx" will now be displayed, "x" represents the displayed address. Press the UP or DOWN buttons to find your desired address.

Soun - In this menu, you can select your desired sound mode.
1. Press the MENU button and UP button or DOWN button until "Soun" is showed, then press ENTER.
2. "Soux" now is showed, and you can select sound mode by pressing UP or DOWN button.Then press ENTER to adjust the sensitivity of the sound mode from 0 to 9.

Colo - This menu will let you select your desired colour mode
1. Press the MENU button and UP button or DOWN button until "CoLo" is displayed, press ENTER.
2.Either "CoL X", "X" representing a number between 1-9 or "AtF" will be displayed. Press the UP or DOWN buttons to select either a static color or "AtF" mode. If you select "AtF" ,and press ENTER and it will be set the Red brightness, the green brightness, blue brightness, Amber brightness and Purple brightness.

Auto -This menu will let you select your desired auto mode
1. Tap the MENU button and UP button or DOWN button until "Auto" is displayed, press ENTER.
2. "Autx" will now be displayed, You can confirm three modes by UP or DOWN for auto mode.

reno - This menu will let you select your desired sound mode
1. Tap the MENU button until "reno" is displayed, press ENTER.
2. "on" or "off" will now be displayed, you can select to close or open the infrared.

uer-This will display the software version
1. Press the UP or DOWN button until "uer" is dispalyed, press ENTER.
2. The software version will be displayed.

Chnd - This menu will let you select the channel
1.Press the MENU button and UP button or DOWN button until "Chnd" is showed,then press ENTER.
2.Press UP or DOWN button to select your desired channel.

SLav- This menu will let you select your desired Master/slave mode
1. Tap the MENU button until "SLav" is displayed, press ENTER.
2. "Sla " will now be displayed, Slave mode is confirmed. It will be slaved by auto mode sound mode and chase mode

DMX control mode

DMX 6 Channel

Channel	Value	Functon
CH 1	0–255	Red (0%–100%)
CH 2	0–255	Green (0%--100%)
CH 3	0–255	Blue (0%–100%)
CH 4	0–255	White (0%–100%);
CH 5	0–255	Amber (0%--100%)
CH 6	0--255	Purple (0%–100%)

DMX 9 Channel

Channel	Value	Functon
CH 1	0–255	Master dimmer (0%–100%)
CH 2	0–255	Red (0%–100%)
CH 3	0–255	Green (0%--100%)
CH 4	0–255	Blue (0%–100%)
CH 5	0–255	White (0%–100%);
CH 6	0--255	Amber (0%--100%)
CH 7	0–255	Purple (0%–100%)
CH 8	0–255	strobing (slow ⟶ fast)
CH 9	0-15	Dimmer
	16-31	Color mixing plus change 1
	32-47	Color mixing plus change 2
	48-63	Color mixing plus change 3
	64-79	Color mixing plus change 4
	80-95	Color mixing plus change 5
	96-111	Color sync strobe
	112-127	Color fade
	128-143	Color sync
	144-159	Colors mixing & change then Shuter closing
	160-175	down-dimming plus color change
	176-191	Up-dimming plus color change
	192-207	Color Up-dimming then down-dimming
	208-223	Color mix change
	224-239	Run sound mode 1
	240-255	Run sound mode 2

Product Overview

knob

POWER IN   DMX IN

POWER OUT   MENU   UP   DOWN   ENTER   DMX OUT

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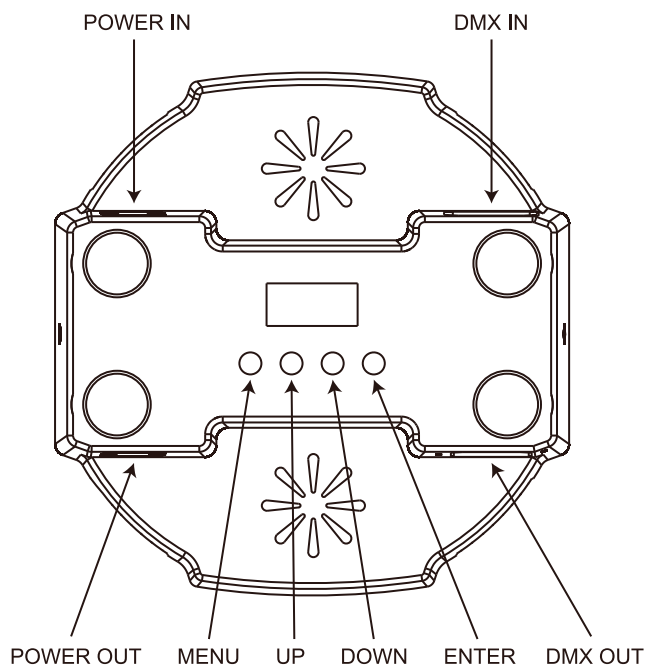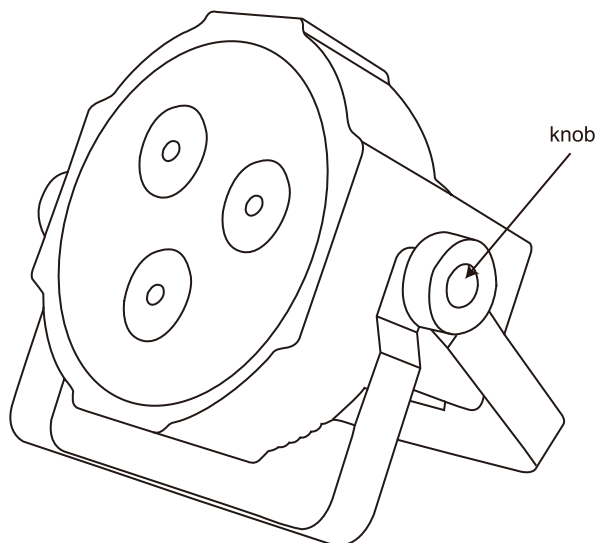
IR Controller
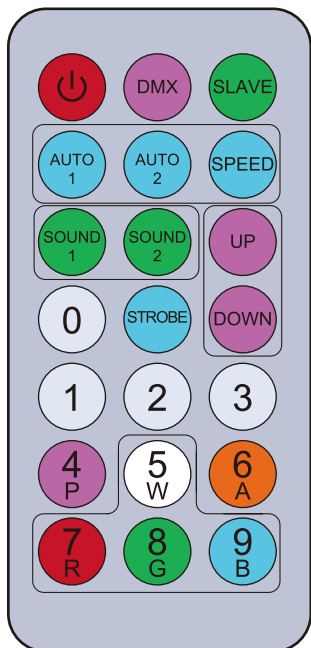
Power on/off button

DMX button,to control DMX address when press this button.It is channel mode when double click.

Master-slave mode button.

Automatic mode button

Speed adjustive button

Sound mode button

Up and down button,you can choose the program that you need or numerical.

Strobe button

You can use these number button to adjust numerical in any program mode.

Color choosing button.