

CYRA

Combined Effect Laser Light

(8pcs 1W White LED + 5pcs 3W R/G/B/W/A LED + Laser R=150MW,G= 50MW)

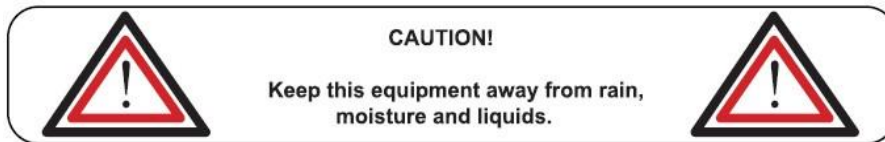
Operating Manual



User manual

Please read this user manual before using this product.





Introduction

Thank you for using this product. iPhos lighting products are designed with the professional operator in mind and are covered by a one year, parts and labour warranty (see [Product Warranty](#) on page 8). Please read this instruction manual, carefully (especially the [Safety Instructions](#) below, on page 2) and keep it for reference. The instructions contain important information about the safety, installation and use of this lighting fixture. Please follow these instructions carefully when installing and operating this unit. When receiving the product, please check that the product has not been damaged during transit and that all the accessories are included.

This product utilizes the international standard DMX512 protocol, and is suitable for small to large stages catering for theatrical performances, concerts, houses of worship, film sets, television studios, and other place where a high quality light projector is required.

Before You Begin

Safety Instructions

Caution: Class 3R lasers Installed.

Ref: <https://www.safeworkaustralia.gov.au/safety-topic/hazards/laser-classifications>

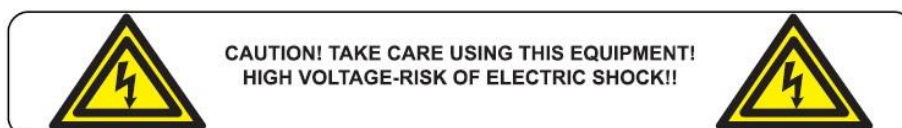
Class 3R lasers:

- Produce visible and invisible light.
- Have low risk for eye injury if exposure time is short.
- Have no risk for skin injury.

Note:

A key lock, to isolate the Laser Projectors, is fitted to this unit with removable keys. The lasers in this unit must be operated by a responsible adult person who has studied and understood the dangers and safety procedures associated with the use of Class 3R lasers.

1. This apparatus (light) belongs to CLASS I (Earthed) device, therefore the it must be connected to a power source with an earth socket.
2. Use a suitable and safe power outlet or power extension cable to connect the light.
3. ***** Never connect the device to a dimmer pack *****
4. The light can emit a very powerful beam. Do not stare directly at the light beam. It can hurt your eyes.
5. Keep away from children. To be operated by trained personnel only.
6. Make sure that the supply voltage is within the specified voltage levels of the light.
7. Before connecting to a power source, inspect the power cable, mains plug and lighting fixture power socket, for any damage or lacerations. If the cable/plugs/socket, connectors shows any signs of damage, do not connect the light to a power source. Refer the light to a qualified technician for repairs.
8. The light must be powered-off when it's not in use, in order to extend its life and reduce power consumption. Disconnect from the power source before cleaning.
9. When un-plugging the power cable, from the power source, pull out by gripping the plug. Do not pull it by the cable.
10. If you see bare wires exposed, when the light is in operation, immediately turn the power off from the wall socket or the switch-board, then disconnect the light and refer it to a qualified technician for repairs.
11. Do not modify the light in any way. No User Serviceable parts inside.
12. The Maximum ambient operating temperature is 40° C in the shade. Do not operate fixture at temperatures higher than this. Do not operate the light, when exposed to direct sunlight.
13. Do not daisy chain power to more than 8 units @ 230V.
14. If you are a business or employer (or other PCBU) you must ensure that the light is regularly inspected and tested, by a competent person, to Australian standards [AS/NZS 3760: 2013](#)



What is included:

- 1 x Light Fixture (including Yoke Bracket)
- 1 x 1.5mtr, 3pin, Male XLR to Female XLR Signal Cable
- 1 x 1.4mtr, 3-pin 240v Male Plug to C13 IEC Female Socket, Power Cable
- 1 x User Manual

Unpacking Instructions

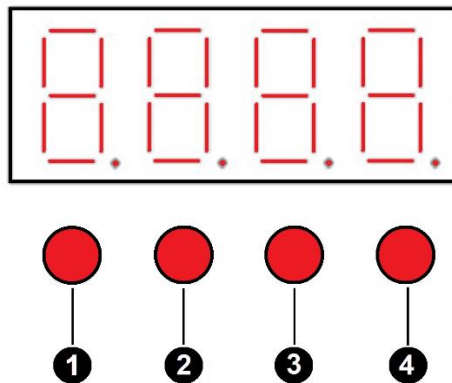
Immediately upon receiving a fixture, carefully unpack the carton. Check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping, or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the supplier as “faulty out of the box”, it is important that the fixture be returned in the original factory box and packing.

2. Features:

- Built-in master/slave and sound active modes, super show mode
- LED display, easy to control
- Suit for disco dance hall, club, bar, party, mobile DJ and so on
- DMX Channel Mode: 1CH and 21CH
- Four control modes: Sound active, LED auto run, DMX and master/slave
- Voltage: AC100-240V 50-60Hz
- Consumed power: P=35W
- Ingress Protection (IP) rating: IP20
- Light source: 8pcs 1W White LED + 5pcs 3W R/G/B/W/A LED + Laser R=150MW, G= 50MW
- Light size: 29.5*22.5*28.5cm
- Weight: 3.75KG

3. Display:

DISPLAY

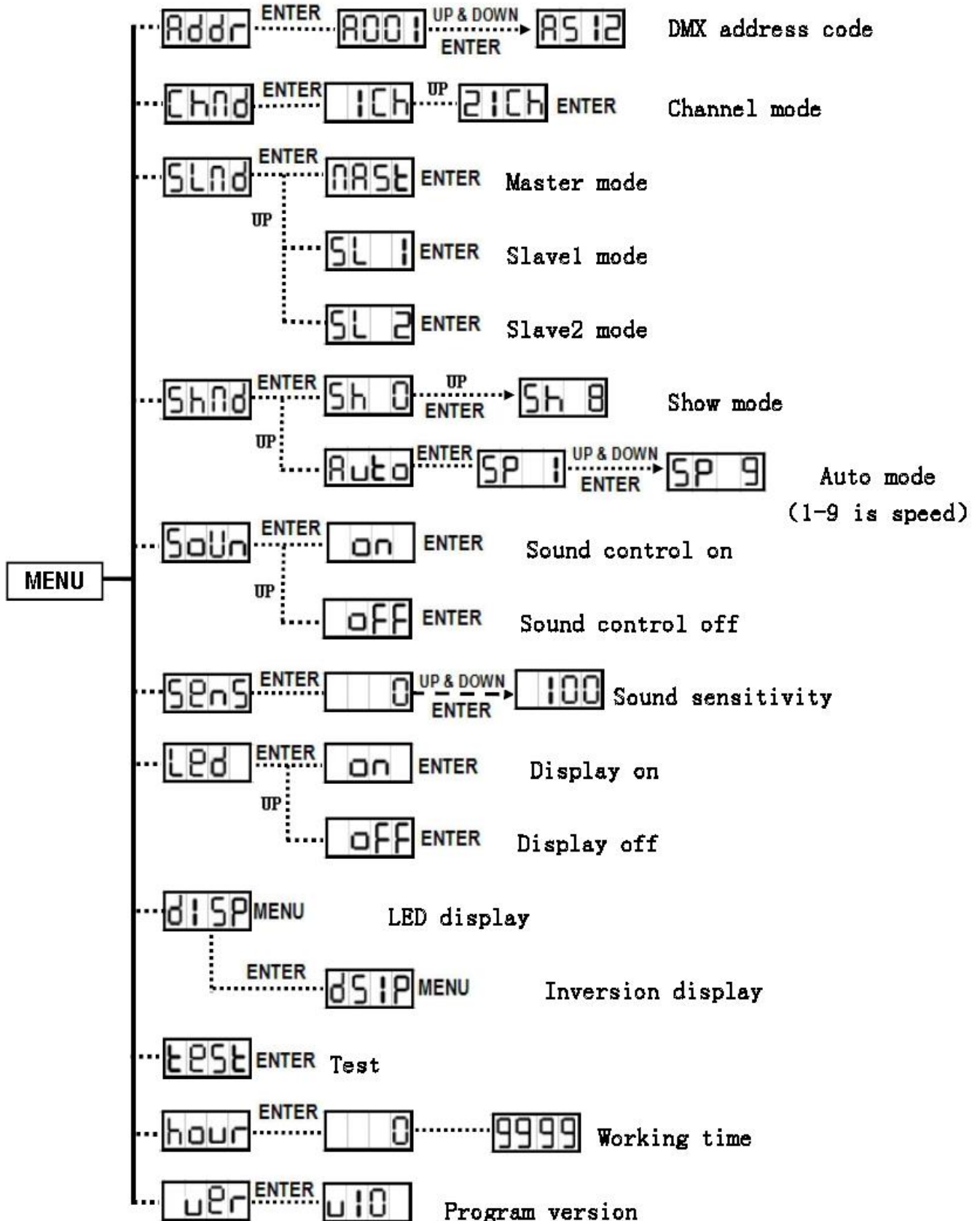


Item	No.	Display	Function
Button:	①	MENU	Enter/check the menu function
	②	DOWN	Check the next menu
	③	UP	Check the previous menu
	④	ENTER	Enter the selected menu/Enter

4. Main functions:

To choose a function, click the **MENU** button to scroll to the desired menu option. Press the **ENTER** button to select the function (the display will be strobe), then press **UP/DOWN** button to select the required function, press **ENTER** button, or wait for 10 seconds or press **MENU** button for long time, then enter the menu mode.

Main functions:



5. Display program instruction:

Note: 1. Click MENU button to select from the functions (1 – 11) below

2. After 8-10 seconds of non operation of the control buttons, the display will automatically return to the main menu.

3. Press, and hold MENU button, for approx. 4 seconds, for the display to return to the main menu.

1. Addr DMX512 Address Setting

Choose **Addr**, press ENTER button to confirm. Press UP/DOWN button to select fixture starting DMX address, then press ENTER button to save it.

2. ChAd Channel mode

Choose **ChAd**, press ENTER button to confirm. Press UP/DOWN button to select the channel, like **1CH** (1CH) or **21CH** (21CH) mode.

3. SLAd Slave mode

Choose **SLAd**, press ENTER button to enter, **MASt** (Master) or **SL1** (Slave 1) or **SL2** (Slave 2) mode. Press, and hold MENU button, for approx. 4 seconds, for the display to return to the main menu.

4. ShAd Show mode

a) Choose **ShAd**, press ENTER button to confirm, enter **Sh0** (Random show) or **Sh1** (show 1) or **Sh2** (show 2) or ... or **Sh8** (show 8), then press ENTER button to save it.

b) Choose **ShAd**, press ENTER button to confirm, press UP button to enter **Auto**, then press ENTER to enter **SP1**, use UP button to increase conversion speed, the maximum speed is **SP9**

5. SoUn Sound Control

Choose **SoUn**, press ENTER button to confirm. Use UP/DOWN button to select **on** (Sound control on) or **off** (Sound control off), then press ENTER button to save it.

6. Sens Sound Sensitivity

Choose **Sens**, press ENTER button to confirm. Use UP/DOWN button to adjust the sensitivity value from **00** (no sound control), to **100** (max. sensitivity), after selection, then press ENTER button to save it. Set level to **80** for best results in most sound-control situations.

7. LED LED display

Choose **LED**, press ENTER button to confirm. Use UP/DOWN button to select **on** (display on) or **off** (display off) mode. After selection, then press ENTER button to save it.

8. DISP Display Inversion

Click MENU until **DISP** appears. Click ENTER button to select between **DISP** (normal orientation) and **dSP** (Inverted orientation). Once you have selected the orientation, press the MENU button to enter the mode that has been selected.

9. TEST Test

Press MENU button to select **TEST**, then press the ENTER button. The led display will strobe while the light runs through a built-in test sequence. Press MENU to return to main menu, or press and hold MENU to return to previous operation mode.

10. hour Working time

Press MENU button to select **hour**, then press ENTER button. Display will show the working time in hours. Press MENU to return to the main menu.

11. ver Program version

Press MENU button to select **ver**, then press the ENTER button. It will show the Program version on the display. Press MENU to return to the main menu.

6. Operating Modes:

There are 3 operating Modes:

1. **Master:** build-in program providing the control signal (**Master/slave built-in function**)
2. **Slave:** Master unit providing the control signal (**Master/slave built-in function**)
3. **DMX control**

6.1 Master/slave built-in function

Connect the lights in series, using a **DMX data cable**, for the first light to control the second light for **auto** show, **sound control** show and so on. It's very good for an instant light show. You must set the first light to be the **Master Light** **MAST**. On the **Master Light** choose **SH 0** (Random show), or from **SH 1** (show 1) to **SH 8** (show 8) to suit your performance. If there is no DMX signal, the master mode LED will light up, the sound control LED will strobe, in Sync, to the music. The other lights, connected in series, will not work in slave mode until you select **SL 0** then **SL 1** (Normal) or **SL 2** (two light show) mode. When the slave light is connected via the DMX cable, the slave LED will light up.

Two light show:

Choose **Slave 1** (**SL 1**) for the slave light to run the same light show as master light.

Choose **Slave 2** (**SL 2**) for the slave light to run against the master light.

If there are just two lights, you could set the second light as **Slave light** (**SL 2**) for better light show.

6.2 DMX Control

If controlled by DMX controller, you need to set the DMX address code to control the light.

Setting the address code value, between **001** and **512**, the light will receive the signal accordingly.

Press **MENU** button, choose **Addr**, press **ENTER** button, the address code will strobe. Use **UP** / **DOWN** to select your chosen DMX512 address code. After the address code is selected, press the **ENTER** button until the address code stops strobing. If you do not press **ENTER** the display will automatically return to the **MENU** (and keep the previously set status) after 8 seconds. Press the **MENU** button if you want to go back to the previous status without any changes.

Setting the DMX Address DMX Control Mode

To set the DMX Address, and DMX control mode, see step 1. **Addr** and step 2 (**Chnd**) in page 6, under **5. Display program instruction:**

0001, (DMX 001) is the default address code.

1 Channel Mode:

Channel	Value	Function
CH1 (008-255 all under sound control)	000-007	No function
	008-037	Show mode 1
	038-067	Show mode 2
	068-097	Show mode 3
	098-127	Show mode 4
	128-157	Show mode 5
	158-187	Show mode 6
	188-217	Show mode 7
	218-247	Show mode 8
	248-255	Random show 1-8

21 Channel Mode:

Channel	Value	Function
CH1	000-255	Full dimmer 1,0-100%
CH2	000-255	Strobe 1(RGBWA): 0-8 LED Light On. 9-255 Slow to
CH3	000-255	R dimmer,0-100%
CH4	000-255	G dimmer,0-100%
CH5	000-255	B dimmer,0-100%
CH6	000-255	W dimmer,0-100%
CH7	000-255	A dimmer,0-100%
CH8	000-255	Beam Rotate: 0-9 Stop, 10-120 Clockwise
CH9	000-255	Full dimmer 2,0-100%
CH10	000-255	Strobe 2, slow to fast
CH11	000-255	W1 dimmer,0-100%
CH12	000-255	W2 dimmer,0-100%
CH13	000-255	W3 dimmer,0-100%
CH14	000-255	W4 dimmer,0-100%
CH15	000-255	W5 dimmer,0-100%
CH16	000-255	W6 dimmer,0-100%
CH17	000-255	W7 dimmer,0-100%
CH18	000-255	W8 dimmer,0-100%
CH19	000-255	Red laser light up
CH20	000-255	Green laser light up
CH21	000-255	Laser rotate

