

LCX21



Lyra RGBW 1 x 2 Soft Panel Digital Color Light



## What's Included

- 1 x LCX21 Light Fixture
- 1 x Power supply
- 1 x Power cord
- 1 x Yoke
- 1 x Safety Cable

# General Information

Thank you for buying the Lyra 1 x 2 RGBW Studio Light Soft Panel with DMX Control. This fixture has been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

Every fixture has been thoroughly tested. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this unit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

# Safety Instructions

This fixture is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow the guidelines in this manual. The manufacturer of this device will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.

This device falls under PROTECTION CLASS 1. It's essential this device be grounded properly. Only qualified personnel should perform all electrical connections.

**\*WARNING\***  
INDOOR USE ONLY!  
DO NOT EXPOSE FIXTURE TO RAIN AND MOISTURE!  
DO NOT PLUG FIXTURE INTO A DIMMER PACK!  
NEVER OPEN THIS FIXTURE WHILE IN USE!  
**\*WARNING\***

For proper operation, follow the Installation guidelines described in this manual. Only qualified and certified personnel should perform installation of this fixture and only the original rigging parts (yoke) included with this fixture should be used for installation. Any modifications will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.

Never look directly into the light source of this fixture to prevent risk of injury to your retina, which may induce blindness.

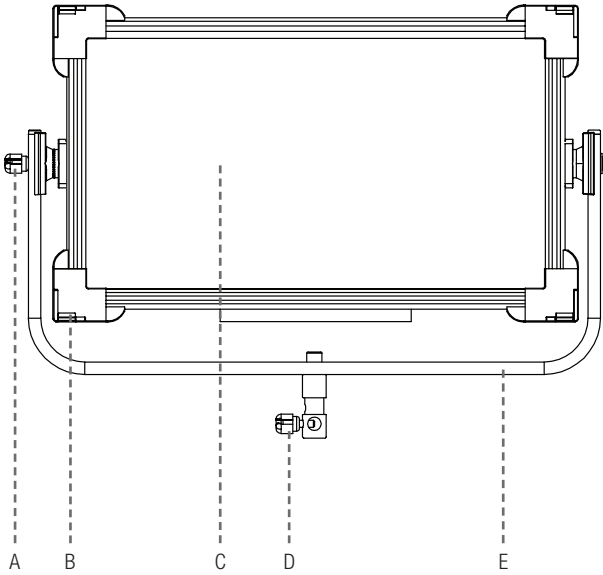
Always disconnect from main power source before performing any type of service and/or cleaning procedure. Only handle the power supply by the plug end, never pull out the plug by tugging the wire portion of the cord.

Do not operate this fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace it immediately with a new one of similar power rating.

# General Guidelines

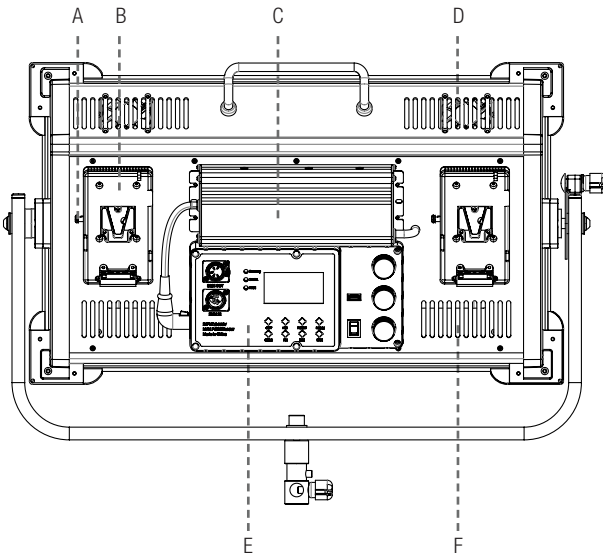
- Do NOT disassemble or modify the light fixture.
- Remove batteries when in storage.
- Do NOT operate fixture with wet hands.
- Do NOT operate in environments near flammable gasses or volatile liquids.
- Do NOT operate in enclosed spaces where heat buildup can be extreme, such as a car on a sunny day. The increased heat may cause premature failure of the light fixture.
- Do NOT place under heavy objects.
- When hanging the light, always use a safety cable.
- Do NOT block the air flow for the cooling fan.

# Fixture Overview



## Front View

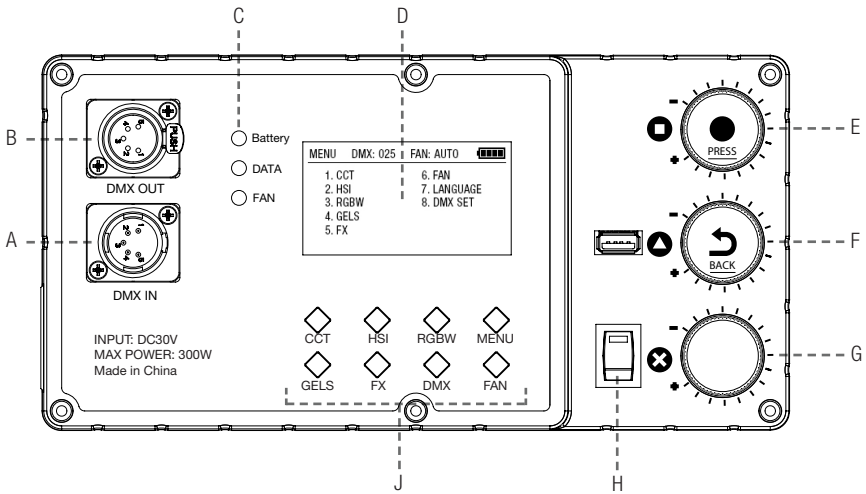
- A. Yoke Locking Screw
- B. Accessory Clip
- C. Front Diffuser Panel
- D. Mount Locking Screw
- E. Yoke



## Back View

- A. V-lock Release Button
- B. V-lock Battery Plate
- C. AC Power Adapter
- D. Cooling Fan Air Outlet
- E. Control Panel
- F. Cooling Fan Air Inlet

# Control Panel



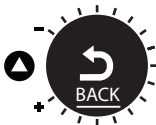
- A. DMX Input
- B. DMX Output
- C. Indicator Function Lights
- D. LCD Screen
- E. Knob 1: TURN to NAVIGATE  
PRESS to SELECT
- F. Knob 2: TURN to NAVIGATE  
PRESS to SELECT
- G. Knob 3: TURN to NAVIGATE  
H. Power Button
- J. Sub-menu/Modes Buttons  
(CCT, HSI, RGBW, MENU,  
GELS, FX, DMX, FAN)

## Knob Functions



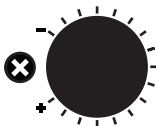
### Knob 1

- TURN the knob to select the desired mode in menu.
- In sub-menu, TURN the knob to navigate or adjust designated interval marked with the symbol.
- PRESS to SELECT designated interval marked with the symbol.



### Knob 2

- In sub-menu, TURN the knob to adjust designated interval marked with the symbol.
- PRESS knob to navigate BACK in the menu.



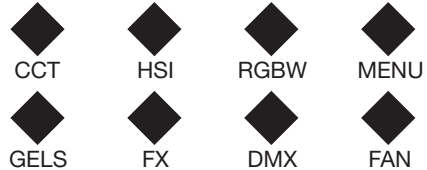
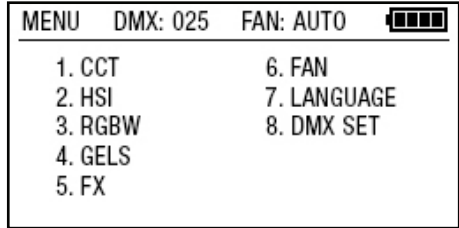
### Knob 3

- In sub-menu, TURN the knob to adjust designated interval marked with the symbol.
- This knob does not have a PRESS function.

# LCD Screen / Menu

## Menu Operation

1. TURN knob 1 to choose the desired sub-menu and PRESS to SELECT.
2. The shortcut buttons below the LCD screen can also be used to enter a sub-menu directly.
3. To navigate back to the Main Menu, PRESS knob 2 to go BACK or push the shortcut MENU button below the LCD screen.



## Sub-Menu Functions

### CCT (Correlated Color Temperature)

PROFILE:	1 – 5	..... To change profile, PRESS knob 1	●
CCT:	2800K - 10,000K	..... To adjust, TURN knob 1	■
INTENSITY:	0 - 100%	..... To adjust, TURN knob 2	▲
GREEN +/-:	- 0.0	..... To adjust, TURN knob 3	✕

### HSI (Hue, Saturation, Intensity)

COLOR SCHEME:	R+G+B	..... To change scheme, PRESS knob 1	●
(Color Scheme Choices: <u>R+G+B</u> <u>R+G</u> <u>R+B</u> <u>B+G</u> )			
SATURATION:	0 - 100%	..... To adjust, TURN knob 1	■
INTENSTIY:	0 - 100%	..... To adjust, TURN knob 2	▲
HUE SHIFT:	0 - 360°	..... To adjust, TURN knob 3	✕

### RGBW (Color Component)

To SCROLL through colors, TURN knob 1 ■
























RED LED:	0 - 100%	..... To adjust, TURN knob 2	▲
GREEN LED:	0 - 100%	..... To adjust, TURN knob 2	▲
BLUE LED:	0 - 100%	..... To adjust, TURN knob 2	▲
WHITE LED:	0 - 100%	..... To adjust, TURN knob 2	▲

# Sub-Menu Functions

## Special FX (Effects Presets)






To SCROLL through FX, TURN knob 1 

To SELECT desired FX, PRESS knob 1 

<p><b>FX: PARTY</b></p> <p>SATURATION: 0 - 100% ----To adjust, TURN knob 1 </p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>SPEED: 0 - 100% ----To adjust, TURN knob 3 </p>	<p><b>FX: COP</b></p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>COLOR COMBO: R + B + W ----To adjust, TURN knob 3 </p> <p>(Color Combo Choices: <u>R+B+W</u> <u>B+W</u> <u>R+B</u> <u>B</u>)</p>
<p><b>FX: CANDLE</b></p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>SPEED: 0 - 100% ----To adjust, TURN knob 3 </p>	<p><b>FX: FIRE</b></p> <p>COLORS: 0 - 2 .....To adjust, TURN knob 1 </p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>SPEED: 0 - 100% ----To adjust, TURN knob 3 </p>
<p><b>FX: CLUB</b></p> <p>COLORS: 3 - 24 .....To adjust, TURN knob 1 </p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>SPEED: 0 - 100% ----To adjust, TURN knob 3 </p>	<p><b>FX: FIREWORKS</b></p> <p>To TRIGGER Fireworks FX, PRESS knob 1 </p> <p>SATURATION: 0 - 100% ----To adjust, TURN knob 1 </p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>SPEED: 0 - 100% ----To adjust, TURN knob 3 </p>
<p><b>FX: CHASE</b></p> <p>SATURATION: 0 - 100% ----To adjust, TURN knob 1 </p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>SPEED: 0 - 100% ----To adjust, TURN knob 3 </p>	<p><b>FX: LIGHTNING</b></p> <p>To TRIGGER Lightning FX, PRESS knob 1 </p> <p>INTENSITY: 0 - 100% ----To adjust, TURN knob 2 </p> <p>SPEED: 0 - 100% ----To adjust, TURN knob 3 </p>

# Sub-Menu Functions

## GEL (Gel Filters)

- To SCROLL through Gels, TURN knob 1  To SELECT desired Gel, PRESS knob 1 
- TEMPERATURE: 3200 K / 5600 K ..... To toggle, TURN knob 1 
- INTENSITY: 0 - 100% ..... To adjust, TURN knob 2 
- APPLY GEL: YES / NO ..... To toggle, TURN knob 3 

LCX21 #	Rosco	Description
0328	R3202	CTB
1228	R3203	3/4 CTB
1218	R3204	1/2 CTB
2218	R3206	1/3 CTB
2118	R3208	1/4 CTB
2108	R3216	1/8 CTB
0586	R3220	2X CTB
9101	R3407	CTO
9103	R3411	3/4 CTO
6106	R3408	1/2 CTO
3108	R3409	1/4 CTO
3109	R3410	1/8 CTO
9100	R3420	2X CTO
9201	R3441	CTS
9206	R3442	1/2 CTS
3208	R3443	1/4 CTS
4108	R3444	1/8 CTS
6408	R3304	GREEN
2208	R3315	1/2 GREEN
2109	R3316	1/4 GREEN
2106	R3317	1/8 GREEN
4009	R3308	MAGENTA
3008	R3309	3/4 MAGENTA
4008	R3313	1/2 MAGENTA
3118	R3314	1/4 MAGENATA
2107	R3318	1/8 MAGENTA

LCX21 #	Rosco	Description
9102	R3310	FLUOROFILTER
9203	R4307	07 CTAN
2219	R4315	15 CTAN
2418	R4330	30 CTAN
0828	R4360	60 CTAN
0925	R4390	90 CTAN
2209	R4415	15 GREEN
6506	R4430	30 GREEN
9701	R4360	60 GREEN
9901	R4390	90 GREEN
4208	R4515	15 YELLOW
9304	R4530	30 YELLOW
9301	R4560	60 YELLOW
9300	R4590	90 YELLOW
3009	R4615	15 RED
9008	R4630	30 RED
9002	R4660	60 RED
9000	R4690	90 RED
3007	R4715	15 MAGENTA
7018	R4730	30 MAGENTA
9013	R4760	60 MAGENTA
9012	R4790	90 MAGENTA
3006	R4815	15 PINK
8008	R4830	30 PINK
9003	R4860	60 PINK
9001	R4890	90 PINK

# Sub-Menu Functions

## FAN (Cooling Fan Speed Options)

To SCROLL through Fan options, TURN knob 1  To SELECT desired Fan option, PRESS knob 1 


- \* Auto Speed - The fan runs according to the temperature inside the light
- \* Speed Options: OFF, LOW, MEDIUM, HIGH

## LANGUAGE (Display Language Options)

To SCROLL through Language options, TURN knob 1  To SELECT desired Language, PRESS knob 1 

- \* Languages offered: English, Chinese

## DMX SETTINGS

To SCROLL through DMX options, TURN knob 1 

### DMX ADDRESS

DMX ADDRESS: 001-512 ..... To adjust, TURN knob 1   
To select address, PRESS knob 1 

### DMX INFORMATION

- CCT & HSI
- 8-BIT
- 10 CHANNELS
- \* This page only displays DMX information, no selections can be made

## DMX CONNECTION CONTROL

Seven channels are require for poper DMX control over all parameters.

For example: If DMX address is 1 then,

- 1 - Brightness
- 2 - Color Temperature Control
- 3 - Green/Magenta
- 4 - Saturation
- 5 - Monochrome Red Control
- 6 - Monochrome Green Control
- 7 - Monochrome Blue Control



# Indicator Function Description

- Battery
- DATA
- FAN

## Battery Indicator

When the Battery indicator light is ON, the V-lock battery is being used to power the light.

When the Battery indicator light FLASHES, the V-lock battery is running low.

When the Battery indicator is OFF, the AC power adapter is being used to power the light.

Note: When the light is battery powered, the light fixture's max output power is reduced to 80%.

## Data Indicator

When the Data indicator light is ON, the DMX 512 remote control function is being used.

When the Data indicator light FLASHES ONCE, the light receives an effective remote control signal once.

## Fan Indicator

When the Fan indicator light is ON, the fan is working normally.

When the Fan indicator is OFF, the fan is not working.

## CAUTION

Disconnect power before cleaning or maintenance.

## CLEANING

Frequent cleaning is recommended to insure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture.

Never use alcohol, solvents, or ammonia-based cleaners.

## MAINTENANCE

Regular inspections are recommended to insure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized Ikan service technician. Should you need any spare parts, please order genuine parts from your local Ikan dealer.

### Please refer to the following points during routine inspections:

- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, rigging hardware and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- Electric power supplies and cables must not show any damage or fraying. Never remove the ground prong from the power cable.

## LCX21 Specifications

Light Source	RGBW LED's
Lens	1/2-stop Diffusion
Beam Angle	110 degrees
Control/Dimming	DMX & Local Knob Control
Build Material	Metal & Plastic Shell
Cooling System	Active Cooling
Yoke	Baby 5/8" - Junior 1 1/8" Combo Pin
Fixture Size	28.4 x 20.5 x 7.2 in
Fixture Weight	32.5 lbs
Power Supply	Input: 100-240 VAC Output: 30 VDC
Fixture Power Consumption	300 Watts

## Optional Accessories

Some other products that work well with this item available from Ikan include:

**LBD20**

**IOC-713**

**IOC-1053**

**SW-04**

Barn Doors for Lyra 1 x 2 Studio Light

Iron C-Clamp with 1/2-inch Attachment Bolt

Light Mounting Accessory Baby 5/8" / Junior 1 1/8" (TVMP)

Safety Wire

## Learn More

More dynamic information at official website: [www.ikancorp.com](http://www.ikancorp.com)

## Support

Contact email: [support@ikancorp.com](mailto:support@ikancorp.com)

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### CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

#### **Free Service will not be Provided in the Following Situations:**

(\*Even if the product is still within the warranty period.)

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.

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