

LED 650W RGBW
Wash Panel (with barn doors)

Item Number: LL650WP

USER MANUAL



This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safely and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacturer or dealer will not be held responsible.

Installation:

Ensure the fixture is powered off before installation or maintenance. Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces.

The applicable temperature for this fixture is between 20°F to 104°F. Do not use the fixture under or above this temperature range.

The truss used for hanging this fixture must be able to hold 10 times the weight of this fixture without deformation one hour after installation. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

Rigging:

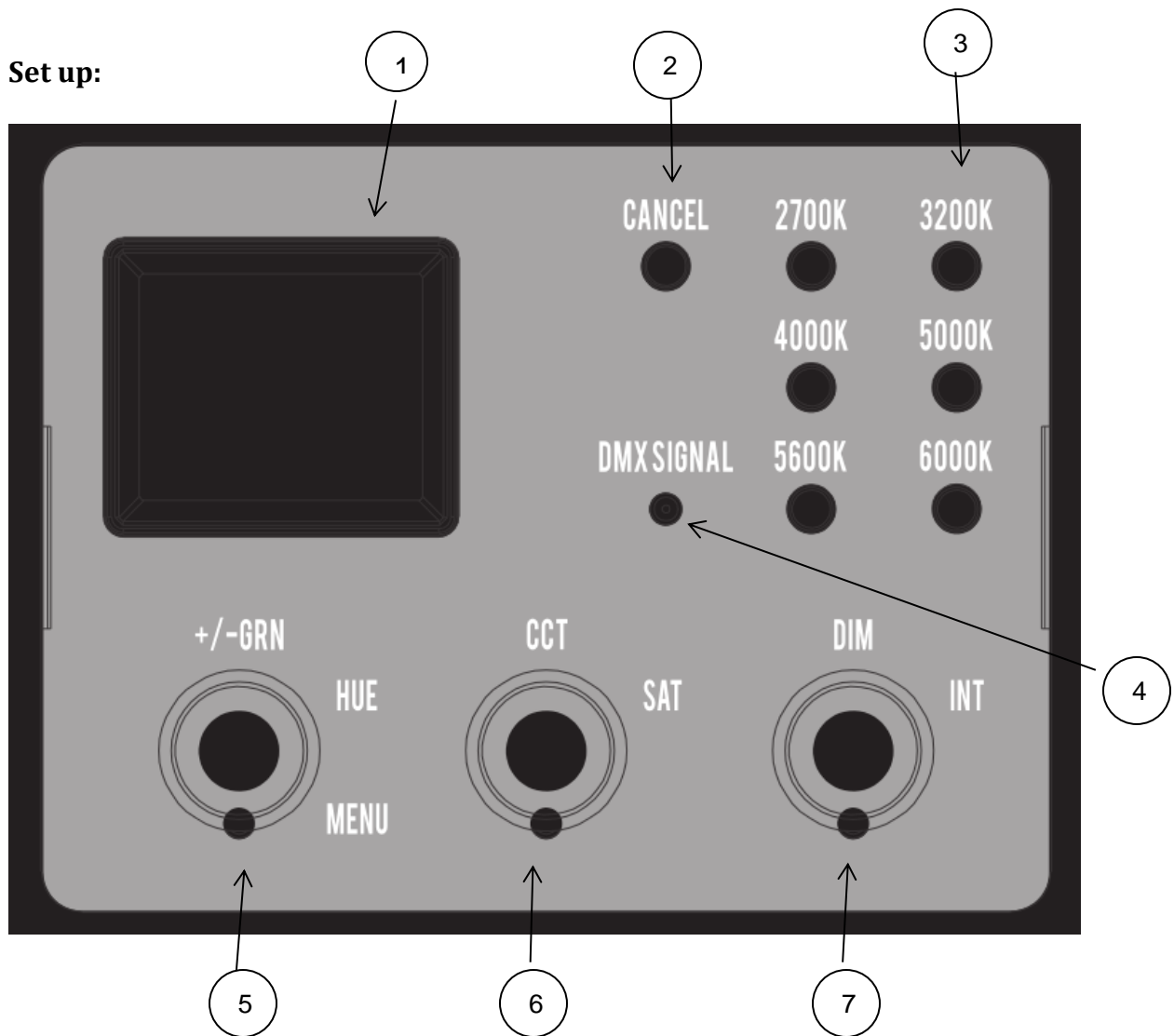
Fix the clamp on truss.

Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point.

Product Specifications:

Input voltage	AC 100 - 240V, 50/60Hz
Power consumption	CW/WW350W, RGB300W
Light source	SMD3030 5054
Field angle	110°
Control mode	DMX512, RDM, master/slave, Art-Net, sACN
CRI	≥97, R1-R12≥95
CCT	2700K - 10000K
Display	LCD display
DMX connection	RJ45+3pin XLR or 5Pin XLR
Power connection	PowerCon TRUE1 in/out
IP rate	IP20
Dimension	18 x 3.5 x 10 in.
N.W	12 lbs.

Set up:



1. ❶ Display

2. ❷ CANCEL: cancel/return to last page

3. ❸ Fixed CCT button

4. ❹ DMX SIGNAL: light on = DMX connection

5. ❺ MENU, HUE, +/-GRN

Menu: can be pressed or the knob can be turned. Press down to enter the menu page, or turn the knob to select menu. Press again to confirm selection.

+/-GRN : CCT MODE turn the knob clockwise or counterclockwise to change GRN value.

HUE : HSI MODE, turn the knob clockwise or counterclockwise to change HUE value.

6. ⑥ CCT, SAT

CCT : CCT MODE knob turn clockwise or counterclockwise to change the color temperature CCT.

SAT : HSI MODE turn knob clockwise or counterclockwise to change SAT value
SAT is the saturation.

7. ⑦ DIM, INT

Turn the knob clockwise or counterclockwise to change brightness.

Main Function:

Turn the *MENU* knob to enter the menu model. Turn clockwise or counterclockwise to select function. Press *ENTER* to confirm. The operation for the secondary menu is the same. To return to the last page press the *CANCEL* button.

1: CCT MODE	DIM: 0 - 100	
	KELVIN: 2700K - 10000K	
	GRN: +/-100	
2: COLOR MODES	1. HSI MODE	DIM: 0 - 100
		HUE: 0 - 359
		SAT: 0 - 100
	2. RGBW MODE	DIM: 0 - 100
		KELVIN: 2700K - 6000K
		WHITE: 0 - 100
		RED: 0 - 100
		GREEN: 0 - 100
		BLUE: 0 - 100

3: DMX FAST SELECT		1. CCT-8P 2. CCT-16P 3. HSI-8P 4. HSI-16P 5. RGBW-8P 6. RGBW-16P	
4: SETTINGS		1DMX SETTINGS	1. DMX ADDRESS: 001 - 512
			2. DMX RESOLUTION: 8-BIT RESOLUTION, 16-BIT RESOLUTION
			3.DMX SYNC CTRL: NORMAL SYNC CTRL
		2. NETWORK SETTINGS	1. Ethernet
			2. Universe
		3. DIMMER	1. LINEAR CURVE 2. SQUAR LAW 3. S-CURVE
		4. DISPLAY(LCD)	1. RACKLITE TIME
			2. ROTATE SCREEN
5: VERSION		GEM2X1 v1.4	
Press CCT	STROBE PARAMETERS	CCT MODE	Duration: 000 - 255 Rate: 000 - 255 Effects: 000 - 255
		HSI MODE	
		RGBW MODE	

8 BIT Resolution:

Control modes	Channel	Function	Value
CCT MODE	1CH	DIM: 0-100	0-255
	2CH	KELVIN: 2700K-10000K	0-255

	3CH	GRN: +-100	0-255
	4CH	Duration:	0-255
	5CH	Rate:	0-255
	6CH	Effects:	0-255
HSI MODE	1CH	DIM: 0-100	0-255
	2CH	HUE: 0-359	0-255
	3CH	SAT: 0-100	0-255
	4CH	Duration:	0-255
	5CH	Rate:	0-255
	6CH	Effects:	0-255
RGBW MODE	1CH	DIM: 0-100	0-255
	2CH	KELVIN: 2700K-6000K	0-255
	3CH	WHITE: 0-100	0-255
	4CH	RED: 0-100	0-255
	5CH	GREEN: 0-100	0-255
	6CH	BLUE: 0-100	0-255
	7CH	Duration:	0-255
	8CH	Rate:	0-255
	9CH	Effects:	0-255

16 BIT Resolution:

Control modes	Channel	Function	Value
CCT MODE	1CH	DIM: 0-100	0-255
	2CH	DIM FINE	0-255
	3CH	KELVIN: 2700K-10000K	0-255
	4CH	KELVIN FINE	0-255
	5CH	GRN: +-100	0-255
	6CH	Duration:	0-255

	7CH	Rate:	0-255
	8CH	Effects:	0-255
HSI MODE	1CH	DIM: 0-100	0-255
	2CH	DIM FINE	0-255
	3CH	HUE: 0-359	0-255
	4CH	HUE FINE	0-255
	5CH	SAT: 0-100	0-255
	6CH	Duration:	0-255
	7CH	Rate:	0-255
	8CH	Effects:	0-255
RGBW MODE	1CH	DIM: 0-100	0-255
	2CH	DIM FINE	0-255
	2CH	KELVIN: 2700K-6000K	0-255
	4CH	KELVIN FINE	0-255
	5CH	WHITE: 0-100	0-255
	6CH	WHITE FINE	0-255
	7CH	RED: 0-100	0-255
	8CH	RED FINE	0-255
	9CH	GREEN: 0-100	0-255
	10CH	GREEN FINE	0-255
	11CH	BLUE: 0-100	0-255
	12CH	BLUE FINE	0-255
	13CH	Duration:	0-255
	14CH	Rate:	0-255
	15CH	Effects:	0-255

Symbol Instruction on Fixture:



CE certificate



RoHS certificate