

LED PAR 64 6CH LCD 181

USER MANUAL



1 Specifications

Number of LEDs	181X10MM LED (R:49, G:72, B:60)
Power Consumption	20W
Beam angle	25°OR 18°
Projecting distance	10-15M
LED Lumen	
LED Expected Life	80,000 hours
Control system	DMX 512
DMX Channel	6 Channels
Connection	3 pins XLR-sockets
Input Voltage	100V~256VAC
Operating Voltage	24VDC
LED Current	320mA ±5%
Dimension	19 (Inner Diameter is 18, Height excluding bracket is 25.5)CM
Housing	Metal. Black or Chrome
Weight	2.6kgs±5%
Package Dimension	24X24X35CM
Master Carton for 4	47X47X36CM
Master Carton for 6	71X48X37CM
Master Carton for 12	71X48X70CM

2 Control Modes

- Stand Alone Mode** Select effects using the LCD panel
DMX International standard DMX512 signal control

3 LCD Control Panel



1- Menu Push button to Navigate through the menu. **This button does NOT keep you in the MAIN MENU but it will browse all the menu options WITHIN the MAIN menu OPTION that was SAVED last time it was turned on. There are two MAIN menu options, so you are either in one or the other.** See **Section 4** for menu structure and you will understand it better.

2- Page Down Use this button to navigate or set value when you have navigated to the right screen.

3- Page Up Use this button to navigate or set value when you have navigated to the right screen.

4- Enter Confirm your selections or settings



Find out which mode this light is in, and switch between modes.

Push Menu button until you see **either ADDR or nASt.**

If you see ADDR, you are in **DMX** mode, Otherwise you are in **Stand Alone** mode.

To Change from DMX mode to Stand Alone mode:

- 1, Go to screen **ADDR** by pushing **MENU** button
- 2, push **Up/Down** button to get **nASt.**
- 3, push **Enter** to Confirm

4 LCD Control in Details

Main and Sub Level Menus are shown below:

Main Menu	Sub Menu	Description
ADDR:	A001-A512	DMX Address. Refer to Section 5 for DMX Chart.
	PR01-PR16	No Function
	SP01-SP08	No Function
nASt	A001-A512	No Function
	PR01-PR16	Select 16 lighting effects with Up/Down button.
	SP01-SP08	Select 8 level of speed for strobe, fading or color change, which is available in PR01-PR16.

Now you can go back to **Section 3** to see what the Menu button do.

Note in the above table, in **ADDR** option, only Address Setting is working. The other two sub-menu options will only work/respond in **nASt** option.

5 DMX CHART

Channel No.	DMX Value	Description
1	0~255	Red Dimmer <i>Used in combination with CH6 to get color. Add CH5 to get strobe.</i>
2	0~255	Green Dimmer <i>Used in combination with CH6 to get color. Add CH5 to get strobe.</i>
3	0~255	Blue Dimmer <i>Used in combination with CH6 to get color. Add CH5 to get strobe.</i>
4	0~15	No Function
	16~120	Color Macro. <i>The lights will output Red, Green, Blue; Cyan, Yellow, Magenta and White. Each color is 15 dmx points apart.</i>
	121~225	Color Macro with Strobe. <i>Each color takes 15 dmx points. Strobe speed will increase when you increase dmx value within each color macro.</i>
	226~240	Color Macro with changing color. No fading effect. <i>Changing speed increase as dmx value increases.</i>
	241~255	As above
5	0~127	No Function
	128~255	Strobe. <i>Increase speed by increase the dmx value. Used in combination with CH6 and CH1,2, or 3.</i>
6	0~255	Dimmer. <i>Used in combination with CH1,2,3 to get color. Add CH5 to get color with strobe.</i>

6 Warning

This fixture is not waterproof and not to be used outdoor unless tended all time.

7 Trouble-Shooting

3 of the leds are not working when I received the lights.

LEDs are soldered to the led board and they work in sets of 3. If one solder point get loosen due to impacts in transit, it will bring down the other two in the group. Fixing this is easy if you have a solder iron.

Open the case, locate the 3 leds that are not working, and go to the other side of the led board where you see the connections.

Plug and light in, and touch/press the connection for each of the 3 leds with your finger, and see if the 3 leds light up.

The one that lights up all 3 leds is the connection that needs to be soldered. Youtube guide on how to correctly solder can be found here: <http://www.youtube.com/watch?v=MHNDa2Wvk8I>

8 Errors/Mistakes and Recommendations

Please write me at more@storexp.com for **any errors/mistakes, or improvements that you think would make it a better manual.**

We appreciate your help and will offer discounts for your next purchase depending on how much you contribute.