

Odessa Par18

Item Number: LLOSP18

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:

This unit is for indoor use only. Use only in a dry location. To prevent or reduce the risk of electrical shock or fire, do not expose to rain or moisture. Fixture should be protected from shock, strong vibrations or shaking.

Maximum ambient temperature for operation is between 25°F and 104°F. Do not use under or above this range. Allow the fixture to acclimate to room temperature before turning on or transporting. Turn off the power and allow 15 minutes for the unit to cool down before handling. Do not open the unit within five minutes after switching off.

Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces. The unit must be installed in a location with adequate ventilation, at least 20 inches from adjacent surfaces. Ensure that no ventilation slots are blocked. Do not operate in dusty environments.

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 the 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:

Voltage:	AC100-240V, 50/60Hz
Output Power:	18x18W
Drive Current:	2A
Light source:	LED RGBWA UV 6in1
Strobe:	Flash rate 0--25HZ
Control mode:	DMX512/Master-Slave/Auto/Sound
Personality:	6/10 CH
Beam Angle:	40 Degrees
Waterproof level:	IP20 Outdoor
Ambient temperature:	-20°C-40°C
Dimmer:	0-100% Linear dimmer
Lumens:	413x20000Lux
Shell Material:	Die-cast Aluminum
Product Size:	7.87 × 7.87 × 3.15 in
Product weight:	5.73 lbs
Package Size:	10.63 × 9.45 × 4.72 in
Package weight:	7.61 lbs

DMX-512 connection:

The fixture is equipped with both 3-pin sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted-pair cable designed for 3-pin XLR-plugs and connectors to connect the controller with the fixture or one fixture with another.

DMX - output

XLR mounting-sockets (rear view):

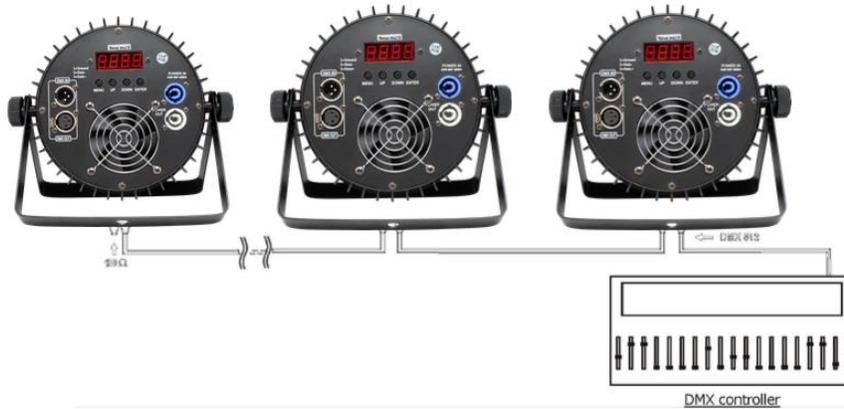


DMX-input

XLR mounting-plugs (rear view):



Building a serial DMX-chain:



Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected. Up to 32 fixtures can be connected. Caution: At the last fixture, the DMX-cable must be terminated with a terminator. Solder a 120 Ω resistor between Signal (-) and Signal (+) into a 3-pin (5-pin) XLR-plug and plug it in the DMX-output of the last fixture.

Control Menu:



- [MENU] used to move back to the previous screen
 - [UP] used to move up on the previous page.
 - [DOWN] used to move down on the next page.
- [ENTER] used to save adjusted values, to leave menu or to perform desired action.

Turn on the fixture, press the MENU button to enter the menu mode, use the UP/DOWN button to find the menu, when the preset menu is displayed on the display, press the ENTER button to confirm, use the UP/DOWN button to select the submenu, press the ENTER button to save the setting or Automatically return to the previous menu. Press the MENU button to return or wait for 30 seconds to automatically exit the menu mode.

Control Menu Map:

Menu	Value	Function
<i>A00 1-A5 12</i>	<i>1-5 12</i>	10 channel DMX Address
<i>d00 1-d5 12</i>	<i>1-5 12</i>	6 channel DMX Address
<i>r000-r255</i>	<i>0-255</i>	Red Dimmer
<i>G000-G255</i>	<i>0-255</i>	Green Dimmer
<i>b000-b255</i>	<i>0-255</i>	Blue Dimmer
<i>w000-w255</i>	<i>0-255</i>	White Dimmer
<i>y000-y255</i>	<i>0-255</i>	Amber Dimmer
<i>P000-P255</i>	<i>0-255</i>	Violet Dimmer
<i>FH0 1-FH99</i>	<i>0 1-99</i>	Flash /Strobe
<i>cLO 1-cLOB</i>	<i>0 1-08</i>	Color Choice
<i>cc0 1-cc99</i>	<i>0 1-99</i>	Color jump change
<i>dEO 1-dE99</i>	<i>0 1-99</i>	Color Gradual change
<i>cPO 1-cP99</i>	<i>0 1-99</i>	Color pulse change
<i>SoU 1-SoU9</i>	<i>1-9</i>	Sound Control mode

DMX Settings:

Enter the MENU mode, select DMX settings, press the ENTER button to confirm, use the UP/DOWN buttons to select: DMX address code, DMX channel mode, DMX last state or observe DMX channel value.

DMX Address Code:

Select the DMX address code, press the ENTER button to confirm, the current DMX address will be displayed on the display. Use the UP/DOWN button to select the address 001~512, and press the ENTER button to save. Press the MENU button to return to the previous menu or wait 30 seconds to automatically exit the menu mode.

DMX Last State:

Select the last state of DMX, press the ENTER button to confirm, the current mode will be displayed on the display, select by the UP/DOWN button: standby (the machine will enter standby mode when the DMX signal stops), hold (the machine will keep the last when the DMX signal stops the machine) State) or manual (after selecting this mode, the machine will automatically read the parameters in the "manual mode" mode for operation), press the ENTER button to save. Press the MENU button to return to the previous menu or wait 30 seconds to automatically exit the menu mode.

Observe the DMX Channel Value:

Select to observe the DMX channel value, press the ENTER button to confirm, the current channel and its value will be displayed on the screen. Use the UP/DOWN button to view other channel values. Press the MENU button to return to the previous menu or wait 30 seconds to automatically exit the menu mode.

Sound Control Mode:

Select SoU1 - SoU9 press the ENTER button to confirm, the current mode will be displayed on the display and use the UP/DOWN button to select: 1 or 9, press the ENTER button to run mode. wait 30 seconds to automatically exit the menu mode.

DMX Channel:

6 Channel Mode		
Channel	Value	Function
CH1	0-255	Red Dimmer
CH2	0-255	Green Dimmer
CH3	0-255	Blue Dimmer
CH4	0-255	White Dimmer
CH5	0-255	Amber Dimmer
CH6	0-255	Violet Dimmer

10 Channel Mode		
Channel	Value	Function
CH1	0-255	Total Dimmer
CH2	0-255	Red Dimmer
CH3	0-255	Green Dimmer
CH4	0-255	Blue Dimmer
CH5	0-255	White Dimmer
CH6	0-255	Amber Dimmer
CH7	0-255	Violet Dimmer
CH8	0-255	Strobe
CH9	0-250	Macro Mode
	251-255	Sound Control Mode
CH10	0-255	Macro Speed

Symbol Instruction on Fixture:



CE certificate



RoHS certificate



FCC certificate