

# Odessa MoveBeam10R

Item Number: LLOSMB10R

## 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:	AC90V ~ 275V / 50 ~ 60Hz
Power Consumption:	275W
Light Source:	Bulb
Color Temperature:	8000k
Beam Angle:	2.8 Degrees
Color Wheel:	14 colors + white (half-color-effect)
Frost:	Soft light effect
Tilt:	270°(16bit)
Pan:	540°(16bit)
Dimmer:	0-100% mechanic dimmer
Long Lifespan LEDs:	More than 60,000 hours
Waterproof level:	IP20
Rainbow Wheel:	Color rainbow effect with variable speed 8-facet circular prism rotation variable speed
Dimmer:	0-100% mechanic dimmer
Control Modes:	DMX512, Auto Run, Sound Mode, Stand Alone and Master/Slave
Strobe:	Flash rate 0—25HZ
Personality:	16 CH
Ambient Temperature:	-20°C – 40°C
Cooling System:	Box Heat Conduction
Shell Material:	Hight temperature resistant plastic
Product Size:	11.42 × 9.06 × 19.69 in
Product Weight:	28.99 lbs.
Package Size:	12.20 × 9.84 × 20.47 in
Package Weight:	44.09 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 in order 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  $\Omega$  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:



- [←] used to move back to the previous screen
- [↑] used to move up on the previous page.
- [↓] 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.

Menu 1	Menu 2	Function
Advanced	Password	Default Password:00001111
	Error List	No error
	System version	V 4.112t
	Serial No.	C3F8B820
	SYS timer	00000.0H
	Run timer	000:00
	Lamp timer	00000.0H
Standard	Default set	Press Ok will restore default settings
	Address	001-512

	DMX Mode	Mode ½
	Effect Mode	Yes / No
	Started lamp	On / Off
	Switch lamp	On / Off
	No Signal	Clear / Hold
	UI Color	Golden / Green / Gray / Blue
	Show time	Yes / No
	Brightness	000-255 (Display brightness)
	Effect sync	Off / Speed 1-7
	Screen saver	On / Off
	XY encoder	On / Off
	X Inversion	No / Yes
	Y Inversion	No / Yes
	Focus Inversion	No / Yes
	Zoom Inversion	No / Yes
Perform	Run Mode	Auto / Sound
	Run Speed	000-255
	Run Cross	000-255
	Reserve	On / Off
	Built in 1	On / Off
	Built in 2	On / Off
	User PRO 1	No PRO
	User PRO 2	No PRO
	User PRO 3	No PRO
	User PRO 4	No PRO
	Circle Shape	On / Off
	Square Range	000-255
	Sound DB	000-255
Reset		Reset System
Program	Pro01 - 04	Support 4 manual programming scenarios

### **DMX Address Code:**

Select the Standard-Address, press the OK button to confirm, the current DMX address will be displayed on the display. Use the ↑↓ button to select the address 001~512 and press the OK button to save. Press the ← 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 OK button to confirm, the current mode will be displayed on the display, select by the ↑↓ button: standby (the fixture will enter standby mode when the DMX signal stops), hold (the fixture 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 OK button to save. Press the ← button to return to the previous menu or wait 30 seconds to automatically exit the menu more.

### **Auto Mode:**

Select Perform - Run mode - Auto press the ENTER button to confirm, the current mode will be displayed on the display, press the OK button to run mode. Wait 30 seconds to automatically exit the menu mode.

### **Sound Control Mode:**

Select Perform - Run mode - Sound press the OK button to confirm, the current mode will be displayed on the display and use the ↑↓ button to select. wait 30 seconds to automatically exit the menu mode.

### **Pan Movement Reverse:**

Select Standard-X Inversion press the OK button to confirm, the current mode will be displayed on the display, and use the ↑↓ button to select: Yes or No, press the OK button to save. Press the ← button to return to the previous menu or wait 30 seconds to automatically exit the menu mode.

## Tilt Movement Reverse:

Select Standard-Y Inversion press the ENTER button to confirm, the current mode will be displayed on the display, and use the  $\uparrow\downarrow$  button to select: Yes or No, press the OK button to save. Press the  $\leftarrow$  button to return to the previous menu or wait 30 seconds to automatically exit the menu mode.

## DMX Channel:

DMX 16 Channel			
Channel	Function	Value	Function
CH1	Pan	0-255	Pan X axis Fine tuning
CH2	Tilt	0-255	Tilt Y axis Fine tuning
CH3	Pan Fine-Tuning	0-255	1.8°
CH4	Tilt Fine-Tuning	0-255	1.8°
CH5	Pan Tilt Speed	0-255	Total Dimming
CH6	Rainbow	0-255	Rainbow Effect
CH7	Strobe	0	Turn Off
		0-50	Turn On
		51-240	Strobe (from fast to slow)
		241-255	Turn On
CH8	Dimmer	0-255	Dimming (0-100%)
CH9	Color	0-127	Color optional
		128-191	Color position flow (from fast to slow)
		192-255	Color reverse flow (from slow to fast)
CH10	Color Effect	0-127	Half Color Off
		128-255	Half Color On
CH11	Gobo	0-255	Gobo Optional (from fast to slow)
CH12	Gobo Shake	0	On Gobo Shake
		1-191	Gobo Shake (from fast to slow)
		192-255	Off Gobo Shake

CH13	Focus	0-255	Gobo definition from far to near
CH14	Prism	0-255	Prism Effect
CH15	Prism Rotation	0-255	Prism Rotation Effect
CH16	Reset	100-105	Turn off
		200-205	Turn on
		252-255	Reset

**Symbol Instruction on Fixture:**



CE certificate



RoHS certificate



FCC certificate