Odessa MoveBeam300

Item Number: LLOSMB300

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 safety 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 manufacture 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 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
LED Source:	300W White LED
Beam angle:	parallel beam angle 2.5 °
Beam:	Effect of angle change of multistage beam
Dimming:	0-100% linear adjustment
Strobe:	1-25Hz With Pulse Effect
Channel:	17 CH
LED life:	Avereage5000 hours
Color wheel:	10 colors + white light
Gobo wheel:	18 gobos + open
Prism:	8/18 face prism and rotation
Appearance:	high temperature resistant plastic shell, high strength alloy cold pressed core material
Focus:	linear focus
Protection class:	IP20
Projection range:	540 degrees in X direction, 270 degrees in Y direction
Scanning:	540 degrees in X direction, 250 degrees in Y direction
Product Size:	18.9 × 11.8 × 7.9 in
Product Weight:	27.0 lbs.
Package Size:	20.1 × 15.0 × 14.2 in
Package Weight:	32.0 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.
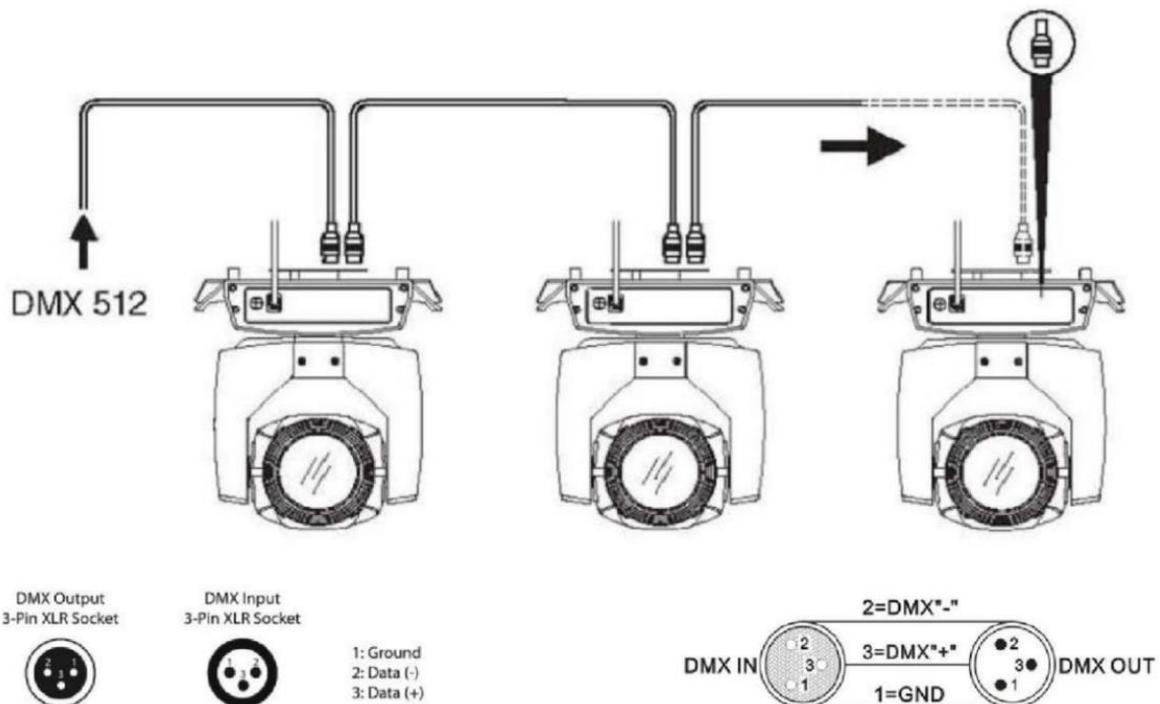
Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected. Up to 32 fixtures can be connected.

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:

- [←] 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.

Option	Description	
Address	001-512	1-512 press the "OK" key to enter the editing status.
Set	Run Mode	DMX
		Sound
		Auto 1
		Auto 2
	Channel Mode	17CH
	Invert Pan	On / Off
	Invert Tilt	On / Off
	Hall Crct	On / Off
	Encoder Crct	On / Off
	Signal Keep	On / Off
	Screen Saver	On / Off

	Invert Screen	Auto / On / Off	
	Update slave	On / Off	
	Language	EN	
Manual	1.Pan	000-255	
	2.Pan Fine	000-255	
	3.Tilt	000-255	
	4.Tilt Fine	000-255	
	5.Scan Speed	000-255	
	6.Dimmer	000-255	
	7.Strobe	000-255	
	8.Color	000-255	
	9.Gobo	000-255	
	10.Frost	000-255	
	11.Prism	000-255	
	12.Prism Rot	000-255	
	13.Focus	000-255	
	14.Rope Strobe	000-255	
	15.Effect	000-255	
	16.Effect Speed	000-255	
	17.Reset	000-255	
Calib	Pan	153	
	Tilt	160	
	Color	165	
	Gobo	127	
	Forst Start	127	
	Frost End	186	
	Colorful Start	154	
	Colorful End	167	
	Prism Start	127	
	Prism End	127	
	Focus Start	240	
	Focus End	167	
	Power	255	

	MIC	127
	Channel Password	
Reset	Reset Effect	
	Reset Scan	
	Reset All	
	Reset Info >>	
	DMX Data >>	
	Sensor Info >>	
	Hardware: 06.05.00.0	
	Software:02.07.00.0	

DMX Channel:

CH	Function	Brief	Function
1	Pan	0-255	0-540°
2	Pan Fine	0-255	16 bit
3	Tilt	0-255	0-270°
4	Tilt Fine	0-255	16 bit
5	P/T Speed	0-255	From fast to slow
6	Dimming	0-255	0-100% dimming
7	Strobe	0-3	Close
		4-99	Synchronized Strobe
		100-149	Divide Strobe
		150-199	Strobe
		200-250	Random Strobe
		251-255	Open
8	color	0-1	White
		2-7	Color 1
		8-13	Color 2
		14-19	Color 3
		20-25	Color 4
		26-31	Color 5
		32-37	Color 6

		38-43	Color 7
		44-49	Color 8
		50-55	Color 9
		56-61	Color 10
		62-67	White + Color 1
		68-73	Color 1 + Color 2
		74-79	Color 2 + Color 3
		80-85	Color 3 + Color 4
		86-91	Color 4 + Color 5
		86-97	Color 5 + Color 6
		100-109	Color 6 + Color 7
		100-109	Color 7 + Color 8
		107-115	Color 8 + Color 9
		114-121	Color 9 + Color 10
		121-127	Color 10 + White
		128-189	Rotate Clockwise, from fast to slow
		190-193	Slow
		194-255	Rotate counterclockwise, from slow to fast
10	Frost/Rainbow	0-127	Frost
		128-255	Rainbow
11	Prism	0-127	Off
		128-255	On
12	Prism Rotation	0-127	360 degrees rotating
		128-190	Prism Rotate slow to fast
		191-192	Stop
		193-255	Prism Rotate Reverse fast to slow
13	Focus	0-255	Linear Focus
14	Loop Shutter	0-3	Off
		4-250	Shutter
		251-255	Off
15	Macro Function	12-51	Macro Color
		52-55	Effect 1
		56-59	Effect 2

		"	
		252-255	Effect 50
16	Motor Speed	0-255	Macro Speed
17	Reset	0-199	No Function
		200-205	Reset System
		206-255	No Function

Symbol Instruction on Fixture:

CE certificate

RoHS certificate

FCC certificate