# Odessa MoveWash36

Item Number: LLOSMW36

# 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 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 ~ 240V / 50 ~ 60Hz |
| Output Power: | 285W |
| Light source: | LED 36×18W RGBWA UV color mixing |
| Zoom angle: | 15~45 degrees |
| Beam angle: | 15 degrees |
| Channel: | 18 CH |
| Control mode: | DMX512/Master-Slave/Auto/Sound |
| Pan/Tilt: | 540°/270° |
| Dimmer: | 0-100% Linear dimmer |
| Product Size: | 15.75 × 12.20 × 8.66 in |
| Product weight: | 17.53 lbs. |
| Package Size: | 17.72 × 14.96 × 10.63 in |
| Package weight: | 20.94 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.
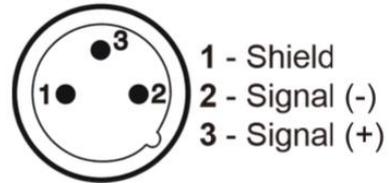
**DMX - output**
**XLR mounting-sockets (rear view):**

1 - Shield
2 - Signal (-)
3 - Signal (+)

**DMX-input**
**XLR mounting-plugs (rear view):**

1 - Shield
2 - Signal (-)
3 - Signal (+)

**Building a serial DMX-chain:**

DMX controller

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:**

OK

- [←] 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 | Value | Function |
|---|---|---|
| Address | 001-512 | Set the DMX start address. |
| Run | DMX Ctrl | DMX 512 Control mode |
| | Auto Run | Auto mode |
| | Sound Ctrl | Sound control mode |
| | Scene Mode | Auto / 1-10 program scene |
| | M/S Choose | Auto / Master / Slave |
| Display | Language | English or Chinese |
| | Screen Saver | On / Off |
| | Screen Rot | Reverse / Forward |
| Scene | Scene Select | 0-10 |
| | Scene Time | 0-255 |
| | 01. Pan | 0-255 |
| | 02. Tilt | 0-255 |
| | 03. X Y speed | 0-255 |
| | 04. Dimming | 0-255 |
| | 05. Red | 0-255 |
| | 06. Green | 0-255 |
| | 07. Blue | 0-255 |
| | 08. White | 0-255 |
| | 09. Amber | 0-255 |

| | | | |
|---|---|---|---|
| | | 10. Purple | 0-255 |
| | | 11. Strobe | 0-255 |
| | | 12. Focus | 0-255 |
| | | 13. Mode | 0-255 |
| | | 14. Fade | 0-255 |
| | | 15. Pan fine | 0-255 |
| | | 16. Tilt fine | 0-255 |
| | | 17. Reset | 0-255 |
| | | 18. Color | 0-255 |
| Advanced | | Pan Invert | On / Off |
| | | Tilt Invert | On / Off |
| | | P/T Rectify | On / Off |
| | | Pan Offset | 001-255 |
| | | Tilt Offset | 001-255 |
| | | Date hold | On / Off |
| | | Reset | Reset system |
| | | Factory Setting | Restore default settings |
| Info | | Stepper info | Current motor operation value |
| | | Error logging | Current error log feedback |
| | | Fixture Status | Current Fixture Status |
| | | Version | Current Version |
| | | Light Time | Current lamp running time |
| | | Total Time | Current total running time |

**DMX512 Mode:**

Enter the Run - DMX Ctrl mode, press the OK button to confirm, use the ↑↓ buttons to run DMX512 mode.

**DMX Address Code:**

Select the 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 Stage:**

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 mode.

**Observe the DMX Channel Value:**

Select to observe the DMX channel value, press the OK button to confirm, the current channel and its value will be displayed on the screen. Use the ↑↓ button to view other channel values. Press the ← button to return to the previous menu or wait 30 seconds to automatically exit the menu mode.

**Auto Mode:**

Select Run - Auto Run 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 Run - Sound Ctrl 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 Reserve:**

Select Adva - Pan Invert 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 Reserve:**

Select Adva - Tilt Invert press the ENTER 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.

**DMX Channel:**

| DMX Channel Summary-16 Channels Mode | | |
|---|---|---|
| Channel | Value | Features |
| CH1 | 0-255 | Pan movement by 540° |
| CH2 | 0-255 | Tilt movement by 270° |
| CH3 | 0-255 | Pan/Tilt speed, Pan/Tilt time |
| CH4 | 0-255 | Dimming |
| CH5 | 0-255 | Red Dimmer |
| CH6 | 0-255 | Green Dimmer |
| CH7 | 0-255 | Blue Dimmer |
| CH8 | 0-255 | White Dimmer |
| CH9 | 0-255 | Amber Dimmer |
| CH10 | 0-255 | Violet Dimmer |
| CH11 | 0-5 | Open |
| | 6-10 | Off |
| | 11-255 | Strobe |
| CH12 | 0-255 | Zoom |
| CH13 | 000-049 | No Function |
| | 050-99 | Pan Auto Mode |
| | 100-149 | Tilt Auto Mode |

| | 150-199 | Pan & Tilt Auto Mode |
|---|---|---|
| | 200-255 | Sound Control Mode |
| CH14 | 000-005 | No Function |
| | 6-127 | Gradient Color Mode |
| | 128-191 | Pulse Color Mode |
| | 192-255 | Jump Color Mode |
| CH15 | 0-255 | Pan Fine |
| CH16 | 0-255 | Tilt Fine |
| CH17 | 0-249 | No Function |
| | 250-255 | Reset System |
| CH18 | 0-9 | No Function |
| | 10-41 | CTO |
| | 42-255 | Macro Color |

**Symbol Instruction on Fixture:**



CE certificate



RoHS certificate



FCC certificate