

Odessa Zoom300 RGBW

Item Number: LLOSZ300C

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:

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.

The fixture is IP65 rated and is designed to use in wet locations. The unit is protected from:

- Dust. However, dust cannot enter the fixture in large quantities, as this will interfere with its operation.
- Lower pressure jets of water from any direction. Do not immerse the unit in water or allow contact with high-pressure water jets.

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:

Working Power:	100~240V AC 50/60HZ
Dimmer:	0-100% 16Bit mechanic
Light source:	300W
Beam Lux:	430 Lux / 30ft
Zoom angle:	27-61°
Strobe:	Flash rate 0-25HZ
Color:	RGBW 4in1 mixing color
Safety Item:	Overcurrent and voltage protection
Degree Of Protection:	IP65
Operating Temperature: -	20°C~45°C
Control Interface:	DMX in/Out
Personality:	5/9CH
Power Interface:	Neutrik PowerCon
Cooling Method:	Passive heat dissipation
Material:	Die cast aluminum casing
Product Size:	7.87 × 7.87 × 14.96 in
Product Weight:	14.33 lbs
Package Size:	20.28 × 12.01 × 10.83 in
Package Weight:	17.64 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):

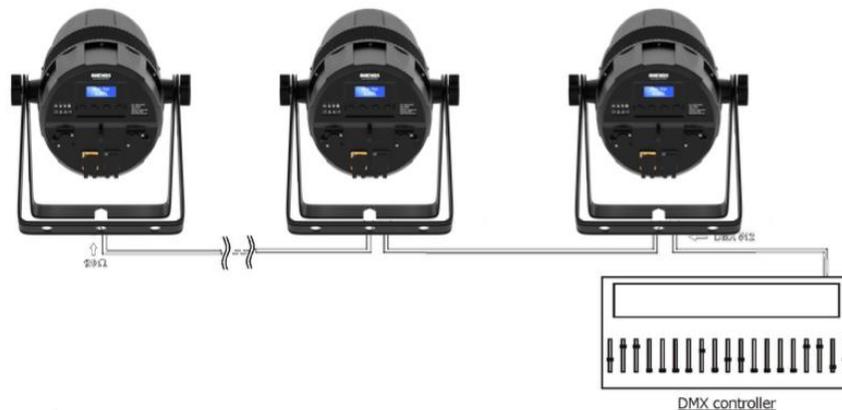


DMX-input

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.

Menu	Value	Function
DMX-9CH D:001	001-512	9CH DMX512 address 001-512
DMX-5CH D:001	001-512	5CH DMX channel mode
Function [099]	01-99	Auto mode 1 speed
Gchange [099]	01-99	Auto mode 2 speed
Pulse [099]	01-99	Auto mode 3 speed
Voice Running	00-01	Sound mode
Color R D:255	001-255	Red dimming 000-255
Color G D:255	001-255	Green dimming 000-255
Color B D:255	001-255	Blue dimming 000-255
Color W D:255	001-255	White dimming 000-255
Focus D:255	001-255	Focus 000-255

DMX Channel Mode Setting:

Select the DMX-9CH Or DMX-5CH, press enter to select the 9 CH mode or 5 CH mode. Press the button to return to the previous menu or wait 30 seconds to automatically exit the menu mode.

DMX Address Setting:

Select the DMX-9CH Or DMX-5CH press the button to confirm, the current DMX address will be displayed on the display. Use the button to select the address 001-512 and save.

DMX Channel:

5 Channel Mode		
Channel	Value	Function
CH1	0-255	Red
CH2	0-255	Green
CH3	0-255	Blue
CH4	0-255	White
CH5	0-255	Linear zoom

DMX Channel Summary-9 Channels Mode		
Channel	Value	Function
CH1	0-255	Total Dimmer
CH2	0-255	Strobe
CH3	0-5	No function
	6-40	Auto mode 1
	41-80	Auto mode 2
	81-120	Auto mode 3
	121-160	Auto mode 4
	161-200	Auto mode 5
	201-240	Auto mode 6
	241-255	Sound mode
CH4	0-255	Auto mode speed
CH5	0-255	Red
CH6	0-255	Green
CH7	0-255	Blue
CH8	0-255	White
CH9	0-255	Linear zoom

RDM Function Setting:

NO.	Function	Illustrate
1	Feedback (Address Code)	Free to change
2	Feedback (Channel Mode)	Free to change
3	Feedback (Device Temperature	Cannot be changed

Symbol Instruction on Fixture:



CE certificate



RoHS certificate



FCC certificate