

USER MANUAL



# ROSE XT 350 Z



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## 1. Before you work



W A R N I N G

Please read the instructions carefully which includes important information about the installation, operation and maintenance.

### 1.1Packing instructions :

When you get this product, please take it from carton carefully to make sure whether all the accessories are in and damaged or not. When you find that there are any parts or wrong sign with the carton, or non-operation, please inform us and to keep the carton and shipping bill completely.

### 1.2AC Power:

Please check the manual before you operate the light. The rating current of the light listed which shows the average current-consume under the normal circumstances.

All the lights must be offered shoot-through circuit, it could not be connected dimmer circuit, although the dimmer channels are completely for 1-100% switch.

Before the light's working, please confirm the correct voltage.

### 1.3Safety instruction:

Please confirm the same voltage to the light.

Please confirm there is no flammable material around the light.

The light must be set up the ventilating place. The distance is  $\geq 51\text{cm}$  around approach material.

To check the air passage is ok at any time.

The Maximum temperature is  $\leq 40^{\circ}\text{C}(104^{\circ}\text{F})$ .

When the lights has problems, please stop to use to contact the supplier. Don't repair it by yourself!

Don't connect by a dimmer.

To confirm the power wire is straight and non-damaged. Don't pull it directly.

Don't look at the bulb when the light is working to avoid any hurt.

### Installation:

The light fixture should be bolted to the quick-lock hook. To ensure that the installation is firmly, in order to prevent vibration and slip during operation. Also make sure that the structure attached to the light fixture can support 10 times the weight of it. At the same time, a safety line is used to support 12 times the weight of the light fixture.

The installation of the light fixture should be carried out by professionals, and should be installed in places that are not accessible to people or where no one will casually pass by.

## 2.Specification

### OPTICAL

- Light Source: 350WW+350CW COB LEDs, 50,000 hours life expectancy
- Color Temperature (range):2700-6500K
- CRI (average): ≥97
- CQS and TLCI (average):≥96
- Beam Angle: 15° to 55°
- Selectable PWM: 2-25KHz,

### DYNAMIC EFFECTS

- Shutter/Strobe:
- Electronic
- Zoom: motorized
- Strobe Rate: 0 to 30 Hz

Dim Modes: 4 kinds

### CONTROL

- Control Protocol: DMX, RDM
- DMX Channels: 5,9 CH

### ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz
- Power consumption: 400W (full output)

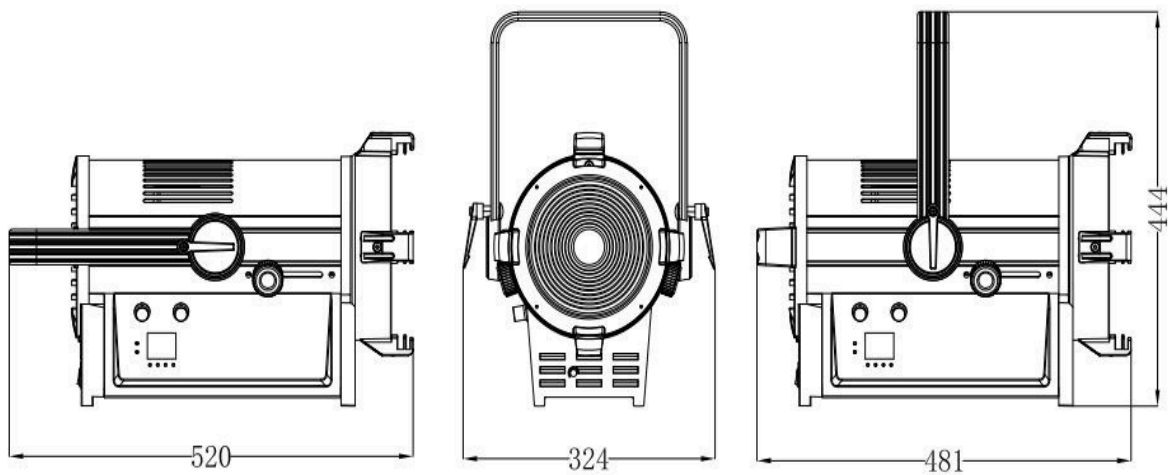
### CONSTRUCTION / PHYSICAL

- Dimensions: 481x 324 x 444 mm
- Packing measurement: 64\*41\*39cm, 1pcs per CTN
- Net Weight: 9.6 kgs

- Exterior Color: Black+gray
- Housing Material: Aluminum alloy, Aluminum die-cast
- IP Rating: IP20
- Cooling: PWM silent operate fan

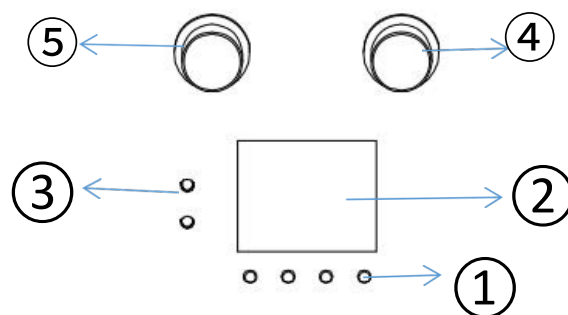
CONNECTIONS

- Power Connectors: powerCON in/out
- Data Connectors: 3- or 5-pin XLR in/out
- Cable Length (power): 1.5 m



### 3.How to set the unit

#### Control menu



①Button:

MENU	Go to menu selection
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DOWN	Go to the next option
UP	Go back to the previous option
ENTER	Confirm the selected function

② Touch screen: LCD 1.77 TFT display various function menus

③ LED:

POWER	on	Power indicate
DMX	on	currently DMX signal input

④ Dimming knob: Dimming function/press to return menu

⑤ Color temperature knob: Color temperature function/press to enter the main menu

## 4.How to control the unit

Turn on the light fixture, press the MENU button to enter the MENU mode, use the knob to find the menu, when the preset menu is displayed on the display screen, press the menu button to confirm, use the knob to select the sub menu, press the knob to save the settings or automatically return to the upper

The main functions are as followings:

Main	menu submenu Tertiary menu	Default value
CCT	CCT	2700K-6500K
	Dim	0-100%
	zoom	000-255
root	PIN	-----
	CW current	020--255
	WW current	020--255
	temperature	40--80
	Zoom speed	00--50
	Zoom correction	000--255
	Zoom intensity	00--10

	Zoom	000--255	200
	movement	050--255	131
	power	Yes/No	No
WB (White balance)	push	0-100%	0%
	A	0-100%	0%
	W	0-100%	100%
	D	000-255	000
marco	F	A/W/WA	WA
	color Effect	PJ/GI/PT (Jump/Gradient/Pulsati on)	PJ
	Speed	0-100%	50%
	Dim	0-100%	100%
DMX	add	Add 001	001
	CH	5CH/9 CH	9CH
setting	SG	clear	clear
		keep	
	SS (display)	On/off	on
	language	ENGLISH R	ENGLISH
	Bkgrd(Display background)	G	065
		B	105
		linear	230
	DC (Dimming curve)	Square	linear
		inverse	
		square S- curve	
	DF (Dimming frequency)	2 -25K	14K
	Dim mode	stage	stage
		theater	
		meeting	
FC (Fan mode)	controllable	controllable	
	long turn		
RES (factory reset)	Yes/No	NO	
lock	Yes/No	Yes	
Turn (Display reverse)	Yes/No	No	

## DMX setting

Select DMX Settings, press the MENU knob to enter Menu mode, and use the knob to

select: DMX Address or Channel mode.

DMX address

Select the DMX address and press the MENU button to enter. Use the knob to adjust the DMX address (1~512). Once the desired DMX address is selected, press the MENU knob to save.

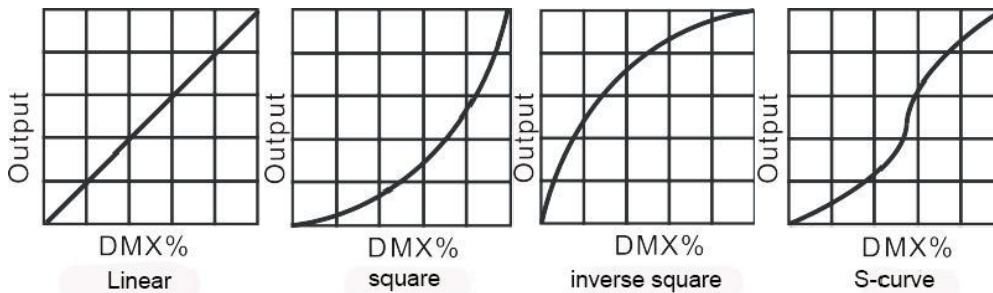
Channel mode

Select Channel mode and press the MENU button to enter. Use the knob to select: 5CH/9CH

### Dimming curve

Select the dimming curve and press the MENU knob to enter. Use the knob to select: linear, square, inverse square, or S-curve.

Curve details check below:



Mode 1 (linear) : With the increase of DMX value, the increase of light intensity tends to be linear:

Mode 2 (square rate) : The lines are finer when the light intensity is controlled at a low value.

The line is thicker when the value is high:

Mode 3 (inverse square rate) : The lines are thicker when the light intensity is controlled at a low value.

In the high value of the line is thinner:



Mode 4 (S-curve) : The light intensity is controlled at low and high values with fine lines, and at intermediate values with thick lines.

## DMX address setting

When using a universal DMX controller to control a light fixture, you need to set the starting address (1-512) for the light so that the light can receive the DMX signal.

Press the MENU knob to enter MENU mode, select DMX settings, MENU knob to confirm, select DMX address, MENU knob to confirm, the current address will be displayed on the display screen, and then use the Menu knob to select the address code (1-512).

Please refer to the chart below to set the address of the first 4 fixtures:

Channel mode	fixture 1 DMX address	fixture 2 DMX address	fixture 3 DMX address	fixture 4 DMX address
5CH	1	6	11	16
9CH	1	10	19	28

## DMX512

channel: 5CH

Channel	function	description
1	WW dim	From dark to bright
2	CW dim	From dark to bright
3	CCT	2700K-6500K
4	zoom	Angle from small to big
5	Motor reset	000-200 empty, 201-255 motor reset. (In the dmx mode, when the lamp is powered off and then powered on again, you must push this channel to use channel 8 to focus. Do not push to reset to maintain the original angle)

## 9CH:

Chan nel	function	description
1	Dim all	From dark to bright
2	Strobe all	From slow to fast
3	Function selection	0-5 empty 6-100 jump 101-150 gradient 151-200 pulsation 201-255 sound active
4	Function speed	From slow to fast
5	WW dim	From dark to bright
6	CW dim	From dark to bright
7	CCT	2700K-6500K
8	zoom	Angle from small to big
9	Motor reset	000-200 empty, 201-255 motor reset. (In the dmx mode, when the lamp is powered off and then powered on again, you must push this channel to use channel 8 to focus. Do not push to reset to maintain the original angle)

## 5.Troubleshooting:

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

• The fixture does not work, no light

1. Check the connection of power and main fuse.

2. Measure the mains voltage on the main connector.

• Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.

2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.

3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.

4. Try to use another DMX controller.

5. Check if the DMX cables run near or run alongside high voltage cables that may cause damage or interference to DMX interface circuit.

- Channel is faulty
- 1. The stepper motor or motor lead may be
- 2. damaged. The drive circuit of the motor may be damaged

## 6. Fixture cleaning:

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

□ Clean with soft cloth using normal glass cleaning fluid.

□ Always dry the parts carefully.

□ Clean the external optics at least every 20 days. Clean the internal optics at least every 20 days.