



## Outdoor 24 x 20W RGBW Wash Fixture

### DELUGE24X20Q

#### USER MANUAL



**For safety, please read this user manual carefully before initial use.**

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

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# 1. Safety

## Warning

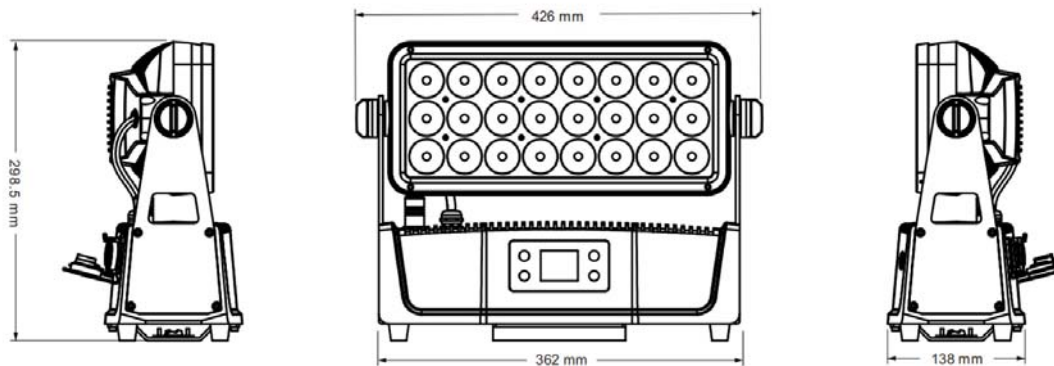
- Do not open this device, there are no user serviceable parts inside. Risk of electric shock.
- Do not look directly at the light source from close range.
- Avoid contact with the unit during operation, as the housing may become hot. Allow the fixture to cool for at least 15 minutes after turning off before touching.
- Install this device in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Do not operate this device, or connect this device to power, within 50cm of any flammable material.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors where excessive dust, heat, water, or humidity may affect it.
- This device is IP65 certified, meaning that it is protected against dust ingress, and protected against low pressure water jets from any direction. Ensure all protective covers are sealed correctly.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- Do not operate this device at temperatures higher than 40°C (104°F).
- Only connect this device to a grounded and protected circuit.
- Only use the hanging bracket to carry this device.
- Stop using this device immediately if a serious operating problem becomes apparent.

**IMPORTANT:** Only use the provided Outdoor DMX cable in the device's DMX out port. Use of other cables will cause the cable to become stuck in the port, requiring the unit to be repaired.

## 2. Product Installation

DELUGE24X20Q can be mounted in many orientations, provided each individual device is secured by the use of the correct mounting bracket. Use a safety chain when mounting DELUGE24X20Q overhead.

## 3. Dimensions



## 4. Control Operation



### Button Operation

**Menu (A)** : Return to the previous screen.

**Up (B)** : Move selection up.

**Down (C)** : Move selection down.

**Enter: (D)** Confirm the selection.

## 5. Menu

### Set DMX Address Code

1. Press Menu until "Address Set" is highlighted then press Enter.
2. The screen will display "Address Set: 001". Press Up or Down to change.
3. Press Enter to save and exit, or press Menu to exit without saving.

### Toggle WDMX/DMX Setting

1. Select DMX Settings from the menu.
2. Press Menu until "W\_DMX-DMX" is highlighted then press Enter.
3. The screen will display "1. On" and "2. Off". Press Up or Down to change and press Enter to save and exit, or press Menu to exit without saving.

**IMPORTANT:** DMX and WDMX Functions cannot operate at the same time as the signals will interfere with each other. Please ensure WDMX is turned on when you wish to use WDMX functions and turned off when you wish to use a physical DMX connection.

## 6. Menu Description

Level 1	Level 2	Level 3	Description	
DMX Setting	DMX address	000-512	DMX Address Setting	
	Channel	4ch	4 channel DMX mode	
		9ch	9 channel DMX mode	
	W-DMX	On/Off	Turn Wireless DMX on or off	
	W-DMX Mode	W-DMX	Receiver	Delete Connection
			Transmitter	Delete Connection Create Connection
		EL Mode	1-6 ch	
	W_DMX-DMX	On/Off	Wireless DMX signal transmission to physical DMX	
Channel List	4ch	4 channel DMX mode list		
	9ch	9 channel DMX mode list		
System Setting	Display Sleep		Open/10s/20s/30s	
	Dimmer Mode	Linear		
		Square		
		Log		
	Button Lock	On/Off	Unlock: press button up>down>up>down>enter	
	Lost DMX	Clear	Black out the unit when DMX signal is lost	
Hold		Maintain the last setting when DMX signal is lost.		
Reset	Yes/No	Reset all settings to factory defaults		
Manual Control	Manual dimming	R/G/B/W	All colour manual dimmer (0-255)	
		Strobe	Master strobe speed(0-99)	
	Static Colour	C1-C36	Select static colour mode	
	Auto	Jump	Colour Jump mode. Adjustable speed (0-99)	
		Fade	Colour Fade mode. Adjustable speed (0-99)	
		Pulse	Colour Pulse mode. Adjustable speed (0-99)	
		Combined	Combination of Jump, Fade and Pulse. Adjustable speed (0-99)	
	Timer		Setting the runtime of static colour or Auto	
	Clear	Yes/No	Clear manual dimmer value and Strobe speed and Auto speed to 000 in the fixture	
	User colour		Custom Colour	
User run		Run the custom colour		
Information	Work time		Working time of the model	
	Temp		Display current temperature	
	Version		Version number	
	RDM UID			

## 7. DMX Chart

### 4 - Channel Mode

Channel	Value	Function	Description
1	0-255	Red Intensity	Red 0-100%
2	0-255	Green Intensity	Green 0-100%
3	0-255	Blue Intensity	Blue 0-100%
4	0-255	White Intensity	White 0-100%

### 9 - Channel Mode

Channel	Value	Function	Description
1	0-255	Master Dimmer	All colours 0-100%
2	0-255	Red Intensity	Red 0-100%
3	0-255	Green Intensity	Green 0-100%
4	0-255	Blue Intensity	Blue 0-100%
5	0-255	White Intensity	White 0-100%
6	0-9	Strobe	Strobe off
	10-255		Strobe speed adjustment
7	0-255	Colour	Built-in static colour
8	0-9	No function	
	10-50	Auto Jump	Jump effect
	51-100	Auto Fade	Fade effect
	101-150	Auto Pulse	Pulse variation effect
	151-200	Auto Combined	Combination effect
	201-255	No function	
9	1-255	Speed of Auto programs	From slow to fast

## 8. Technical Specifications

### Power

- Input Voltage: 100~240V AC, 50/60 Hz.
- MAX Power Consumption: 360W.
- Connection: Seetronic True1 Outdoor Power in/out.

### Photometrics

- Light Source: 24x20W RGBW LEDs.
- Beam Angle: 25°.
- PWM: 20,000 Hz
- LED Lifespan: 50,000 hours.

### Effects

- Dimming: 0-100%.
- Strobe: 1-20 Hz.

### Control

- Control mode: DMX512, 2.4G Wireless DMX
- DMX Channels: 4 / 9.
- Interface: Outdoor 5-pin XLR in and Outdoor 5-pin XLR out.
- Built-in Programming: 4 built-in auto modes.
- Display: LCD Display with 4-button control.
- Cooling: Fans.  
When the internal temperature is below 42°C, the fans stop running. when the internal temperature is between 42°C-52°C, the fans run at low speed. when the internal temperature is above 52°C, the fans run at high speed

### Housing

- Materials: Die Cast Aluminium.
- Finishing: Matte Black.
- IP Rating: IP65.
- Net Weight: 9kg
- Overall Size: 426x138x298.5 mm.
- Optional: Barn Door. Filter frames

## 9. Warranty

Please refer to your local dealer or contact Event Lighting.