# PAR9X12BH-IP

## Outdoor Battery Parcan with Wireless DMX

# USER MANUAL

**For your safety, please read this user manual carefully before 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.
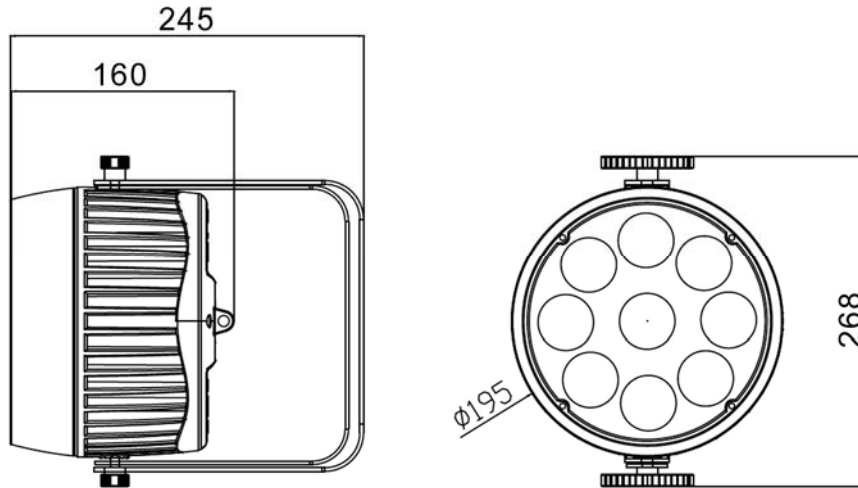
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# Warning

- 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.

### Product Installation

 PAR9X12BH-IP 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 PAR9X12BH-IP overhead.

# Dimensions



# Control Operation



**Button Operation**

**Menu**: Return to the previous screen.

**Up**: Move selection up.

**Down**: Move selection down.

**Enter**: Confirm the selection.

# 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.

## Menu Description

| Level 1 | Level 2 | Level 3 | Description | |
|---|---|---|---|---|
| DMX Setting | Channel | 6ch | 6 channel DMX mode | |
| | | 10ch | 10 channel DMX mode | |
| | DMX address | 000-512 | DMX Address Setting | |
| | 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 | W-DMX signals can be transmitted to the DMX | |
| | | Off | | |
| | Channel List | 6ch | 6 channel DMX mode list | |
| | | 10ch | 10 channel DMX mode list | |
| System Setting | Display Sleep | | Open/10s/20s/30s | |
| | Dimmer Mode | Linear | | |
| | | Square | | |
| | | Log | | |
| | Power Setting | High | | |
| | | Normal | | |
| | | ECO | | |
| | 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. | |
| | Auto Power | On/Off | | |
| | IRC Setting | On/Off | | |
| | Emergency | On/Off | | |
| | Reset | Yes/No | Reset all settings to factory defaults | |
| Manual Control | Manual dimming | R/G/B/W/A/UV | all colour manual dimmer (0-255) | |
| | | Strobe | Master strobe speed(0-99) | |
| | | Clear | Clear manual dimmer value to 000 | |
| | 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 | |
| Information | Work time | | Working time of the model | |
| | Temp | | Display current temperature | |
| | Version | | Version number | |
| | Serial number | | | |
| | RDM UID | | | |

## DMX Chart

### 6-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% |
| 5 | 0-255 | Amber Intensity | Amber 0-100% |
| 6 | 0-255 | UV Intensity | UV 0-100% |

### 10-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 | 0-255 | Amber Intensity | Amber 0-100% |
| 7 | 0-255 | UV Intensity | UV 0-100% |
| 8 | 0-9 | Strobe | Strobe off |
| | 10-255 | | Strobe speed adjustment |
| 9 | 0-9 | No function | |
| | 10-50 | Auto Jump | |
| | 51-100 | Auto Fade | |
| | 101-150 | Auto Pulse | |
| | 151-200 | Auto Combined | |
| | 201-255 | No function | |
| 10 | 1-255 | Speed of Auto programs | |

# Technical Specifications

## Power
- Input Voltage: 100~240V AC, 50/60 Hz.
- MAX Power Consumption: 72W.
- Connection: Seetronic True1 Outdoor Power in/out.
- Battery: 16000 mAh, 12V

## Photometrics
- Light Source: 9x 12W RGBWA UV 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,IR
- DMX Channels: 6 / 10.
- Interface: Outdoor 3-pin XLR in and Outdoor 3-pin XLR out.
- Built-in Programming: 4 built-in auto modes.
- Display: LCD Display with 4-button control.
- Cooling: No fan

## Housing
- Materials: Die Cast Aluminium.
- Finishing: Matte Black.
- IP Rating: IP65.
- Net Weight: 4.75kg
- Overall Size: 268x195x245 mm.
- Optional: Barn Door.

## IR Remote

In order to use the IR Remote, PAR9X12BH-IP must be in DMX mode without an active DMX connection. If a DMX signal is received, PAR9X12BH-IP will prioritise the DMX signal and ignore the IR Remote.

Use **On/Off** to turn PAR9X12BH-IP on or off. The current IR settings will be saved automatically when PAR9X12BH-IP is powered off and reloaded when it is turned on again. To reset to the factory default Blackout mode, long press **Off.**

Press **R/G/B/W/A/U** to light up the LEDs in red, green, blue, white, amber or UV respectively. There is also a selection of preset colours underneath the R/G/B/W/A/U buttons, known as the D Area. Press a button in the D Area to select that colour.

Press **+** to increase the intensity of the selected colour and **-** to decrease the intensity of the selected colour.

Press **Auto/Sound/Strobe** to switch on or off Auto mode, Sound Active mode and Strobe mode, respectively.

Press **Blackout** to clear all the remote settings and blackout PAR9X12BH-IP.

When PAR9X12BH-IP has been controlled by the remote control, and then use the DMX clear function, please turn off the remote control from menu IRC setting.

## Warranty
**Please refer to your local dealer or contact Event Lighting.**
www.event-lighting.com.au