

HALO 1915 XL

VERSATILE MOVING HEAD · 19 X 15W 4-IN-1 LEDS



USER MANUAL | MANUAL DE USUARIO

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE USE
POR FAVOR LEA LAS INSTRUCCIONES ANTES DE USAR



1• OVERVIEW

HALO 1915 XL

19X15W LED MOVING HEAD ZOOM LIGHT

HALO 1915 XL is a compact and versatile moving head that has 19 15W 4-in-1 LEDs with a zoom function that allows you to vary its beam angle between 6° and 50°. Ideal for small and medium scale mobile applications, the equipment comes with 8 built-in patterns to make programming easier and also has a compact and lightweight design. With its quad-color LED technology, on the other hand, the **HALO 1915 XL** achieves smooth RGBW mixing without multicolor shadows.

Control

- DMX: 15/23 channels
- Operation modes: DMX512, Master/Slave, Auto, Audiorhythmic8 preset programs.

Movement

- Pan: 540°
- Tilt: 270° Adjustable speed two-phase motor.

Physical

- Display: LCD
- Weight: 10 kg
- Dimensions: 32.5x18.8x39.5 cm

Specifications

Source & Optics

- Light source: 19 LEDs of 15W RGBW 4in1 LED
- Beam angle: Zoom: 6° to 50°

Photometric data

- 50° Beam Angle: 1350 Lux @ 3M (10 ft)/ 507 Lux @ 5M (32 ft)
- 6° Beam Angle: 13840 Lux @ 3M (10ft)/ 5420 Lux @ 5M (32ft)

Effects & Functions

- Electronic dimmer: 0-100%
- Strobe effect: 1-25 flashes per second
- 4-in-1 LED technology: Smooth RGBW mixing without shadows.

2. INTRODUCTION



For your own personal safety, please read and understand this manual completely before you attempt to install or operate this unit!

- Please keep this User Manual for future reference. If you sell the unit to another user, be sure that he also receives this instruction booklet.
- Unpack and check the unit carefully that it has not been damaged during transport before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- The unit should be connected to a main socket outlet with a protective earth connection.
- The unit is for indoor use only in a dry location.
- The unit must be installed in a location with adequate ventilation, at least 0,5m from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect mains power before fuse replacement or servicing.
- Replace fuse only with the same type.
- Make sure there are no inflammable material close to the unit during operation.
- Use safety cable when fixing this unit. In the event of serious operating problem, stop using the unit immediately.
- Never try to repair the unit by yourself. Repair carried out by unskilled people can lead to damage or malfunction.
- Please contact the nearest authorized technical assistance center and always use the same type of spare parts.
- Do not touch any wires during operation as high voltage might be causing electric shock.

CAUTION!

For added protection mount the fixtures in areas outside walking paths ,seating areas,or in areas were the fixture might be reached by unauthorized personnel.

Before mounting the fixture to any surface ,make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Fixture installation must always be secured with a secondary safety attachment ,such as an appropriate safety cable.

Never stand directly below the device when mounting ,removing ,or servicing the fixture, from a

ceiling,or set on a flat level surface (see illustration below). Be sure this fixture is kept at least 0.5m (1.5ft) away from any flammable (decoration etc.)

Always use and install the supplied safety cable as a safe cable as safety measure to prevent accident damage and /or injury in the event the clamp fails.

3. MOUNTING & INSTALLATION

HORIZONTAL MOUNTING

First, to fix the stand to the place where it is placed, and rotate 540° horizontally and 270° vertically.

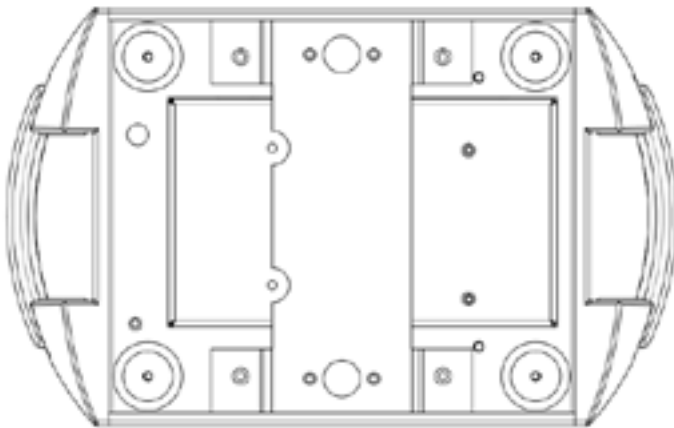
HANGING MOUNTING

Caution! Ensure that the installation is perfectly suitable place to ensure that the chosen mount point is reliable.

When installing the device, keep it away from flammable materials (decorative materials, etc.) and keep a distance of at least 0.3 meters from it.

To install the two lifting lugs to the base of chassis first, and then to mount the light to appropriate place.

For overhead installation, the fixture must be always secured with a safety wire that can bear at least 10 times the weight of the fixture. You must use a safety wire with a safety clasp. The safety wire pierced through the hole from the bottom of the light. Then bypass it, the lamp bracket or other fixtures, and finally, to insert the end of the safety wire into the safety clasp and tighten the screw.



4. DMX-512 CONTROL CONNECTION

The connection between the light and the controller or the lights must use two core shielded wires with a diameter of not less than 0.5 mm. Please use the 3 pin DMX512 output /output to connect the moving head. The connection between the XLR plug / socket and the lead be shown in the diagram below.

Be attention that when connecting the 3 pin XLR plug / socket cannot contact with the inner shell and between the wire cores also cannot contact.

Except for the connection shown in the diagram above, the XLR plug / socket and the XLR control line cannot be connected in any other way.

4. DMX TERMINATOR

Under **Control Mode**, for installations where the DMX cable has to run a long distance or is in an electrically noisy environment, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise.

The DMX terminator is simply an XLR plug with a 120 resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain.

5. MENU FUNCTION

OPTION	DESCRIPTION	
Setting	DMX Addr	DMX Address, 001-512
	Encoder	YES: the encoder (opticalcouper) to judge out of step and automa tically correct position. NO: the position without using encoder (optical couper)
	PanREV	YES / NO
	TiltREV	YES / NO
Run Mode	RunMode	DMX / AUTO / SOUND
	Channel	5 CH / 23 CH
Display	Language	English
	Reverse	YES / NO
Factory	Pan	128
	Tilt	128
	Focus	128
	Red	220
	Green	220
	Blue	220
	White	220
	Logo	000

8. DMX CHANNELS

15 CHANNEL DEFINITION TABLE

CH	DMX VALUE	FUNCTION
CH 1	000-255	Pan
CH 2	000-255	Pan Fine
CH 3	000-255	Tilt
CH 4	000-255	Tilt Fine
CH 5	000-255	P/T Speed
CH 6	000-255	Zoom
CH 7	000-255	Dimmer (0-100%)
CH 8	250-255	Strobe
CH 9	000-255	Red
CH 10	000-255	Green
CH 11	000-255	Blue
CH 12	000-255	White
CH 13	000-255	Function Mode
CH 14	000-255	Function Mode Speed
CH 15	000-255	Reset (255)

23 CHANNEL DEFINITION TABLE

CH	DMX VALUE	FUNCTION
CH 1	000-255	Pan
CH 2	000-255	Pan Fine
CH 3	000-255	Tilt
CH 4	000-255	Tilt Fine
CH 5	000-255	P/T Speed
CH 6	000-255	Zoom
CH 7	000-255	Dimmer (0-100%)
CH 8	250-255	Strobe
CH 9	000-255	Red (R) First Group
CH 10	000-255	Green (G) First Group
CH 11	000-255	Blue (B) First Group
CH 12	000-255	White (W) First Group
CH 13	000-255	Red (R) Second Group
CH 14	000-255	Green (G) Second Group
CH 15	000-255	Blue (B) Second Group
CH 16	000-255	White (W) Second Group
CH 17	000-255	Red (R) Third Group
CH 18	000-255	Green (G) Third Group
CH 19	000-255	Blue (B) Third Group
CH 20	000-255	White (W) Third Group
CH 21	000-255	Function Mode
CH 22	000-255	Function Mode Speed
CH 23	000-255	Reset (255)

