

# MHS-150UV

150W LED Orbital U/V Moving Head

Item ref: 150.465UK

User Manual

Please read through this manual thoroughly before use, any damage caused by misuse of product will not be covered by warranty.

A dazzling moving head comprising 12 powerful 10W RGBW LEDs and 6 U/Vs which combine with 360° tilt movement to provide room filling effects from any location. The unit can be operated on auto, sound-to-light or DMX modes and can be free standing or mounted to trussing using the supplied fixing bracket and is ideal as a centrepiece light in bars, nightclubs and functions.



## In the box:

Your MHS-150UV should arrive with you in a single carton in good condition. The carton should contain 1 x main unit with bracket, 1 x UK IEC mains lead and 1 x manual.

## Warning:

To prevent risk of fire or electric shock, do not expose the unit to rain or damp environments. In the event of a spillage, disconnect the mains and allow the unit to dry out naturally. Qualified personnel should then check the unit before continuing use.



**Please do not open cover, contains high voltage. This product is not serviceable or repairable by the end user. Please refer to qualified personnel for service and repair.**



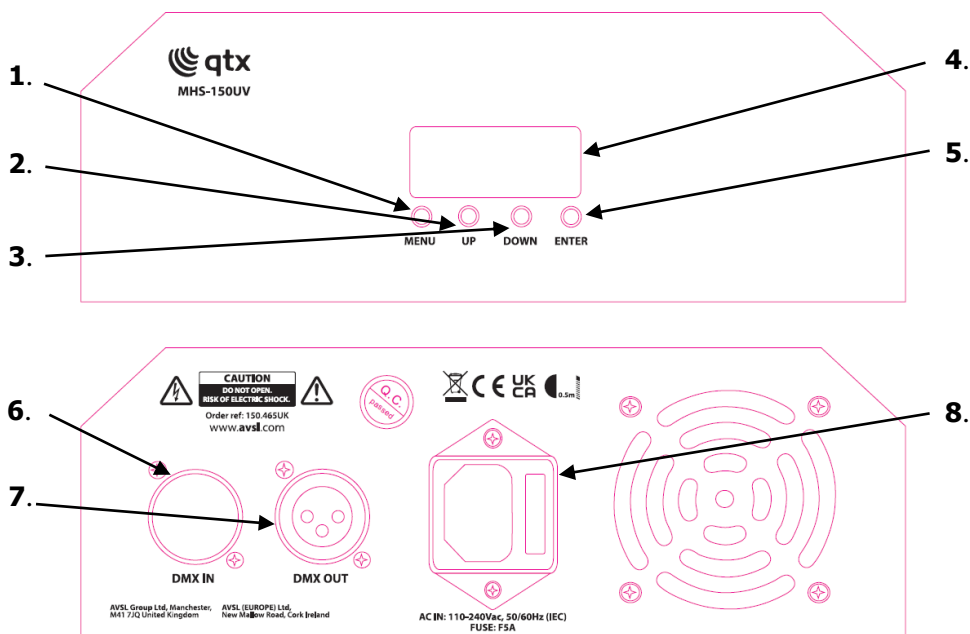
## Placement:

- Use the included mounting bracket to fix to a stand or lighting truss.
- Use secondary safety fixings if mounting overhead.
- Keep away from damp or dusty environments.
- Ensure adequate airflow around the fixture housings.
- Ensure adequate access to controls and connections.
- Do not aim LED output directly into line of sight, as this can result in eye injury.

## Cleaning:

- Use a soft cloth with a neutral detergent to clean the casing as required.
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups.
- Do not use strong solvents for cleaning the unit.

## Rear panel and controls:



1. Menu button
2. Up button
3. Down button
4. LED display
5. Enter button

6. DMX input
7. DMX output
8. IEC input (110-240 Vac, 50/60 Hz)

## Manual control menu:

Press the “**MENU**” button to enter the settings menu.

Press “**UP**” and “**DOWN**” buttons to navigate through various setting functions.

Press “**ENTER**” button to confirm the desired setting.

Menu	Function	Description
Addr	A001 - A512	DMX address settings
Chnd	6CH/11CH	DMX channel select
Slnd	Mast/Sl1/Sl2	Master or slave select
Auto	SP0 - SP9	Auto mode speed adjust (slow to fast)
SoUn	So0/So1	Sound activated mode select
SenS	Se0-Se99	Sound activated mode sensitivity adjust (low to high)
Led	On/off	LED display on/off
diSP	dSiP	LED display reverse
rset	Yes/No	Factory reset

## DMX mode:

The MHS-150UV can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via a balanced XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX out on the unit. To enter DMX mode, select A001 from the menu and confirm the correct start address by using the “**UP**” and “**DOWN**” buttons and “**ENTER**”. The A on the LED display will begin to flash once it’s received the DMX signal from the controller. This unit has 6 or 11 DMX channels as indicated in the table below:

### 6 Channel:

Channel	Function	DMX value and description
1	Master dimmer	0-255 LED brightness (low to high)
2	Strobe	0-7 open, 8-255 adjust strobe speed
3	Movement	0-7 no function, 8-247 movements 1-16, 248-255 sound mode
4	Movement speed	0-255 fine adjust movement speed
5	Colour chase	0-15 no function, 16-255 colour chases 1-12
6	Chase speed	0-255 adjust colour chase speed (slow to fast)

### 11 Channel:

Channel	Function	DMX value and description
1	Master dimmer	0-255 LED brightness (low to high)
2	Strobe	0-7 open, 8-255 adjust strobe speed
3	PAN	0-255 PAN adjust 0-540°
4	PAN speed	0-255 PAN speed fine adjust (fast to slow)
5	Tilt	0-255 Tilt adjust 0-360°
6	Tilt rotate	0-5 stop, 6-126 forward movement (fast to slow), 127-128 stop, 129-249 reverse movement (fast to slow), 250-255 stop
7	Colour side 1	0-7 blackout, 8-24 red, 25-41 green, 42-57 blue, 58-74 white, 75-90 red/green, 91-107 red/blue, 108-123 red/white, 124-140 green/blue, 141-156 green/white, 157-173 blue/white, 174-189 red/green/blue, 190-206 red/green/white, 207-222 red/blue/white, 223-239 green/blue/white, 240-255 red/green/blue/white

8	Colour side 2	0-7 blackout, 8-24 red, 25-41 green, 42-57 blue, 58-74 white, 75-90 red/green, 91-107 red/blue, 108-123 red/white, 124-140 green/blue, 141-156 green/white, 157-173 blue/white, 174-189 red/green/blue, 190-206 red/green/white, 207-222 red/blue/white, 223-239 green/blue/white, 240-255 red/green/blue/white
9	UV side 1	0-255 adjust brightness (low to high)
10	UV side 2	0-255 adjust brightness (low to high)
11	Special	0-199 no function, 200-209 reset, 210-255 no function

## Specifications:

<b>Power supply</b>	110-240Vac, 50/60Hz (IEC)
<b>Power consumption</b>	150W
<b>Fuse rating</b>	F5A
<b>LED power</b>	12x 10W CREE RGBW, 6x 10W U/V
<b>Modes</b>	Auto, sound, master/slave, DMX512
<b>DMX channels</b>	6/11CH
<b>PAN range</b>	540°
<b>Tilt range</b>	360°
<b>Effects</b>	LED Spot/Colour chase, U/V
<b>Dimensions</b>	325 x 265 x 205mm
<b>Weight</b>	4.45kg

## Troubleshooting:

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check IEC lead and fuse (if fuse continually blows, refer to your dealer)
No light output	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
Unresponsive to DMX	Check that unit is in DMX mode and ensure the A on the DMX address flashes to confirm it's receiving a DMX signal
	Check DMX controller is not set to blackout
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
Overheating/ cutting out	Check DMX connection and leads
	Ensure adequate ventilation and unit is not too close to a heat source



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

### Errors and omissions excepted.

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