

MHS-60

LED Moving Head Spot 60W

Item ref: 150.452UK

User Manual





Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

With a powerful 60W white LED this moving head has the equivalent light output of a 250W halogen bulb, yet uses less energy as well as having a longer life span. It features 5 modes of operation including 2 auto, 2 sound-to-light and DMX512. The light also features a prism, 8 colour wheel, 7 different gobos which can be rotated to create a variety of effects. Each shape or pattern can also strobe via DMX or as part of the internal programs. It is absolutely perfect for installations in bars, nightclubs, stage shows and concerts.

Unpacking

Your MHS-60 should reach you in good condition, supplied with appropriate mains lead(s) and mounting bracket. If there is any damage or items missing from the packaging, contact your dealer immediately.

Warning

To prevent risk of fire or electric shock, do not expose any components to rain or moisture. If liquids are spilled on the housing, disconnect mains, allow unit to dry out and have the unit checked by qualified personnel before further use.
Avoid any impact or extreme pressure to the housing.
No user serviceable parts inside. Do not open. Refer all servicing to qualified personnel.

Safety

- Check for correct voltage and condition of IEC lead before connecting to power outlet
- Ensure DMX leads are in good condition with no short connections or damaged plugs

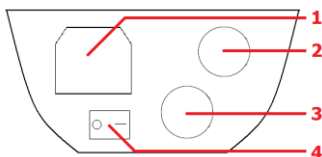
Installation

- Installation should be carried out by qualified installation personnel
- The MHS-60 is designed for indoor use only. Avoid exposure to rain or other elements
- The MHS-60 may be placed free-standing. This must be on a stable, even surface
- If mounted on a stand, use the supplied bracket with adequate fixings to hold the weight
- If the unit is mounted at height, a drop cable should be attached for safety
- Ensure adequate air-flow to the vents for cooling
- Ensure adequate access to controls and connections
- The MHS-60 has moving parts. Ensure there is adequate clearance and stable support

Cleaning

- Clean the unit periodically for best performance. Disconnect from mains before cleaning
- Keep vents clear by cleaning with a soft brush or vacuum cleaner
- Use a soft dry or slightly damp to clean the cabinet and lenses. Do not use solvents

Panel Layout



1. IEC mains inlet and fuse holder
2. Power switch on/off
3. DMX Output
4. DMX Input

Control panel and display



ESC:

Press ESC to return to menu function

UP:

Increase one step each time.

DOWN:

Decrease one step each time.

ENTER:

Confirms the functions you select.

Display	Function
<i>ADD 1-15 12</i>	DMX address
<i>rPan</i>	Reverse Pan movement on or off
<i>rPaF</i>	
<i>rEon</i>	Reverse Tilt movement on or off
<i>rEoF</i>	
<i>AUD 1</i>	Auto program 1
<i>AUD 2</i>	Auto program 2
<i>Snon</i>	Sound to light on
<i>SnoF</i>	Sound to light off
<i>dFon</i>	Turns display off after 30 seconds
<i>dFoF</i>	Leaves display on all the time
<i>rEst</i>	Resets the fixture

Specifications

Item	Value
Power supply	110 - 240Vac, 50/60Hz
Power consumption	110W
Fuse rating	F5A
LED type	1 x 60W White (8000k)
Beam angle	12°
Colour	7 + White
Gobos	6 + Spot
PAN Range	540°
Tilt Range	230°
DMX channels	12
Dimensions	260 x 260 x 350mm
Weight	8kg
Laser & LED safety standard	BSEN60825-1 2007

DMX operation

Channel 1	000-255 PAN Scan (0° - 540°)
Channel 2	000-255 Tilt Scan (0° - 280°)
Channel 3	000-255 PAN Fine (16 BIT)
Channel 4	000-255 Tilt Fine (16 BIT)
Channel 5	000-255 Pan & Tit speed (Fast - Slow)
Channel 6	000-016 Open
	017-033 Fire red
	034-049 Yellow
	050-066 Light blue
	067-083 Green
	084-100 Orange
	101-106 Purple
	107-126 Dark blue
	127-192 Scrolling colour wheel fast to slow
	193-255 Reverse scrolling colour wheel slow to fast
Channel 7	000-019 Open
	020-041 Gobo 1
	042-061 Gobo 2
	062-082 Gobo 3
	083-104 Gobo 4
	105-125 Gobo 5
	126-139 Gobo 6
	140-204 Gobo scroll from 1 to 6 fast to slow
	205-255 Gobo scroll from 6 to 1 slow to fast
Channel 8	000-130 Forward gobo rotation fast to slow
	131 Gobo stop rotating
	132-255 Reverse gobo rotation slow to fast
Channel 9	000-028 Open
	029-249 Strobe from slow to fast
	250-255 Open
Channel 10	Dimmer from dark to full brightness
Channel 11	000-127 Single spot
	128-255 3-facet prism
Channel 12	000-149 No action
	150-200 Reset when held for 3 seconds
	201-255 No action



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the 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.
Copyright© 2013. AVSL Goup Ltd*