

Bedienungsanleitung User manual

MH5R Beam



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CAUTION !

Keep this device away from rain and moisture

Unplug mains lead before opening the housing

For your own safety, please read this user manual carefully before you initially start-up

Every person involved with installation. operation and maintenance of this fixture has to

- be qualified
- follow the instruction of this manual
- consider this manual to be part of the total product
- Keep this manual for the entire service life of the product
- pass this manual to every future owner or use of the product

INTRODUCTION

Thank you for choosing our fixture, if you follow up the instruction given in this manual we be sure that you will enjoy this product for a long period of time

SAFETY INSTRUCTION

CAUTION! Be careful with your operations, With a dangerous voltage you can suffer a dangerous electric shock when touching the wires.

This device has left our premises in absolutely perfect condition .In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instruction and warning notes written in this user manual.

OPERATING DETERMINATIONS

This device is designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects. Do not shake the device. Avoid brute force when installing or operation the device. Never lift the fixture by holding it at the projector-head. As the mechanics may be damaged .When choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. There should not be any cable lying around. Please make sure that the fixture can not be touched or bumped. Your endanger your own and the safety of others.

Never remove the serial barcode from the device as this would make the guarantee void. If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

DESCRIPTION OF THE DEVICE

Features

- > Fit with 5R lamp
- > 16 DMX channels in optional
- > Static gobo wheel comes 17 gobos with blank
- > Color wheel comes 14 colors with white
- > Strobe effect with 1-10 flashes per second
- > Color change with rainbow effect ,Gobo shaking effect
- > Frost effect, Pan/Tilt fine, lamp on/off via DMX control
- > Prism rotation and effect movement
- > DMX-controlled operation or stand-alone operation with Master/Slave function
- > Sound-controlled via built-in microphone
- > Addressing via control panel

INSTALLATION

Rigging

The installation of the projector has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.

IMPORTANT!OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and or damage to property. The projector had to be installed out of the reach of people

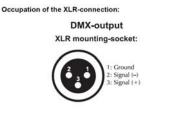
DANGER OF FIRE! When installing the device, make sure there is no highly-inflammable material(decoration articles, etc.)within a distance of min.0.5m.

DMX 512 connection/ connection between fixture

The wires must not come into contact with each other, otherwise the fixture will not work at all or properly. Please note the starting address depends upon which controller is being used. Only use a DMX cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture to another

DMX-input

XLR mounting-plug:



Connection with the mains.

The occupation of the connection-cables is as follows:

Cable	Pin	International
Brown	Live	L
Blue	Neutral	Ν
Yellow/Green	Earth	

The earth has to be connected. The device must only be connected with an electric installation carried out in compliance with IEC standards.

OPERATION

After you connected the effect to the mains, The fixture starts running Stand Alone operation In the stand alone mode, the fixture can be use without controller

Master/slave-operation

The master/slave-operation enables that several devices can be synchronized and controlled by one master-device

DMX controlled operation

You can control the projectors individually via your DMX-controller

Addressing

The control board allows you to assign the DMX starting address,

Note; it's necessary to insert the XLR termination plug (with 120ohm) in the last device in the link in order to ensure proper transmission on the DMX data link.

CONTROL BOARD

The control board offer several features :you can simple set the starting address, run the pre-programmed program or make a reset

The main menu is accessed by pressing the Mode/Esc-button, Browse through the submenu by pressing Up or Down .Press the Enter-button in order to select the desired menu. You can change the selection by pressing Up or Down, Confirm every selection by pressing the Enter-button. You can leave every mode by pressing the Mode/Esc-button .The functions provided are described in the following setting.

DMX Address	1-512	Press Enter to edit the DMX address, First press to select the third number of DMX address, second press to select the second number of DMX address, third press to select
		the first number of DMX address
Setting	Mode	Standard mode/extend mode
	Model number	Model number select
	PAN reverse	Yes/no
	Tilt reverse	Yes/no
	PAN/TILT exchange	Yes/no
	Dimmer reverse	Yes/no
	Iris reverse	Yes/no
	Effect rotated distance	Yes/no
	DMX reset	Yes/no
Display	Language	English
	Display brightness	0-32
	Back bright setting	All on/delay darkness/ off with no function
Menu control	From CH1-CH16	001-255
Test mode	Sound mode	
	Auto mode	

Factory setting	Back to factory setting	Yes/no
Reset	All rest	Yes/no

DMX-protocol

1 $0-255$ PAN Pan movement2 $0-255$ TilLT Tilt movement3 $0-255$ Pan fine movement4 $0-255$ Tilt fine movement5 $0-255$ Frost effect6 $0-255$ PAN TILT SPEED Pan Tilt speed adjustment7 $1-50$ No function7 $1-50$ Strobe with increasing speed8 $0-255$ Shutter8 $0-255$ Shutter9 $0-7$ 8-15 16-23Color wheel Vinite9 $0-7$ 8-63Vellow 241-2559 $0-7$ 8-15 16-23Vellow Yellow 24-31 16-23 16-23 Yellow 24-31 16-23 16-23 16-23 16-23 16-23 16-23 16-23 16-23 16-23 16-23 16-23 1009 $0-7$ 8-15 9-16 9-17 9-16 9-16 9-16 9-16 9-16 9-16 9-17 119 $0-7$ 8-15 8-15 8-15 9-16 9-16 9-16 100 100-127 128-25510 $0-127$ 128-25510 $0-127$ 128-25510 $0-127$ 128-25511 $0-6$ 7-1311 $0-6$ 7-1312 $0-6$ 9-1613 $0-6$ 9-16	Channel	Value	Function
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	14-20	Gobo 2
	21-27	Gobo 3
	28-34	Gobo 4
	35-41	Gobo 5
	42-48	Gobo 6
	49-55	Gobo 7
	56-62	Gobo 8
	63-69	Gobo 9
	70-76	Gobo 10
	77-83	Gobo 11
	84-90	Gobo 12
	91-97	Gobo 13
	98-104	Gobo 14
	105-111	Gobo 15
	112-118	Gobo 16
	119-127	Gobo 17
	128-191	Gobo change in clockwise
	192-255	Gobo change in anti-clockwise
		Gobo shaking
12	0	No function
12	1-191	Gobo shaking from slowly to fast
	192-255	No function
13		Focus
13	0-255	Focus from near to far
		Prism
14	0-31	No function
	32-255	Prism effect
		Prism rotated
15	0	No function
15	1-127	Prism rotation
	128-255	Prism rotation with increasing speed
		Lamp on/off, Reset
	0-99	No function
16	100-105	Lamp off
01	106-199	No function
	200-205	Lamp on
	206-255	Reset after 5 seconds

TECHNICIAL SPECIFICATIONS

Model	MH5R Beam
Lamp	5R Platinum lamp
Voltage	230v 50Hz
Power consumption:	300W
Size and Weight	44 x41x54cm(LxWxH) 16kg





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