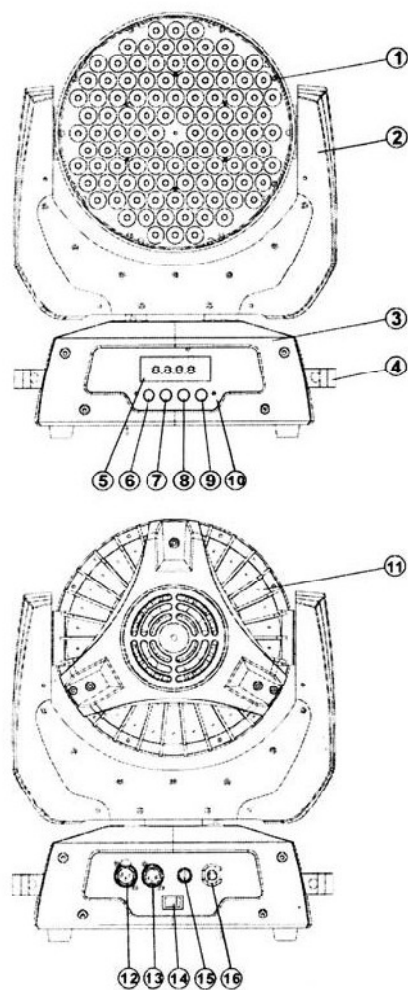# 360W MOVING HEAD WASH
USER MANUAL
36 x 10w RGBW ZOOM

Features:

36 * 10W high power RGBW 4-in-1 LED

Extremely Long Life:50,000 Hr and low power consumption

DMX channel:16 channels

Pan/tilt movement: 8 bit and 16 bit resolution

For smooth and precise resolution

Pan: 540 optional, Tilt: 265 movement

High speed of pan/tilt movement, speed of pan/tilt movement is adjustable

Scan position memory, auto reposition after unexpected movement

Strobe effect with 18 flashes per second and pulse effect

General dimming and blackout for all four colors

Excellent color mixing and rainbow effect

Friendly blue LCD display

Preset program: 7 built in programs can be called up via DMX controller

OVERVIEW

(1) Lens
(2) Yoke
(3) Base
(4) Carrying handle
(5) LCD-Display
(6) Mode/esc-button
(7) Up-button
(8) Down-button
(9) Enter-button
(10) Control Board
(11) Housing
(12) 3-PIN DMX output socket
(13) 3-PIN DMX input socket
(14) Power switch
(15) Fuse
(16) Power supply

Control Board

The Control Board offers several features: you can simply set the starting address,
run the pre-programmed program or make a reset.
The main menu is accessed by pressing the **Mode/esc**-button until the display starts flashing. Browse through
the menu by pressing the **Up**-button or **Down**-button. Press the **Enter**-button in order to select the desired
menu. You can change the selection by pressing the Up-button or Down-button. Confirm every selection by
pressing the **Enter**-button.You can leave every mode by pressing the **Mode/esc**-button.The functions provided are
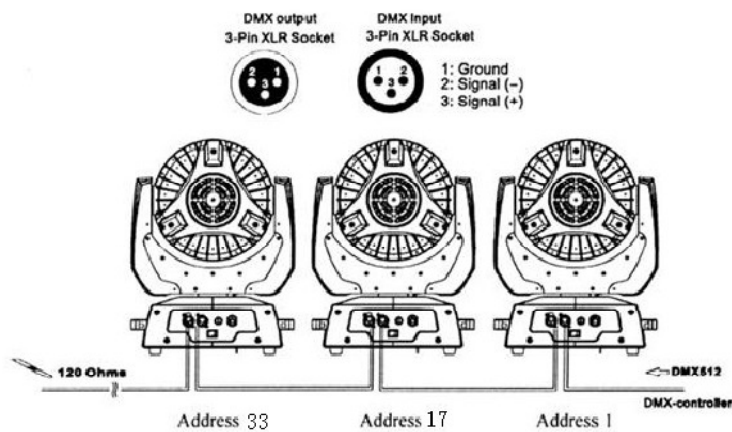described in the following sections.

Lcd Control Menu

dmx address	dmx address = 001 - 512		
Auto Play	Inside Program	Alone	
		Master	
	Music Control	Alone	
		Master	
	Slave Control	Slave	
Reset 3	off		
	on		
Reverse Pan	off		
	on		
Reverse Tilt	off		
	on		
Mic Sensitivity	0% - 100%		
Special	Reset Default 1	off	
		on	
	Calibration 2	Code	018 to enter
		Pan	
		Tilt	
		Red	
		Green	
		Blue	
		White	
		Focus	
	Temperature 3	centigrade	
	Manual Control 4	Pan	
		Pan Fine	
		Tilt	
		Tilt Fine	
		Move speed	
		Dimmer	
		Strobe	
		Red	
		Green	
		Blue	
		White	
		Focus	
Version 8	V1.0		

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, 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. Please see illustrations below.

DMX-512 control connection

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple
Moving head together through serial linking. The cable should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.

DMX Channels

DMX Channels		
Channel Function		
1	000-255	X
2	000-255	X Fine
3	000-255	Y
4	000-255	Y Fine
5	000 -255	XY Speed from Max to Min
6	000 -255	Dimmer (0 ~ 100%)
7	000 - 009	Strobe (Close)
	009 - 250	Strobe effect slow to fast
	255	Strobe (Open)
8	000 -255	Red (0 ~ 100%)
9	000 -255	Green (0 ~ 100%)
10	000 - 255	Blue (0 ~ 100%)
11	000 - 255	White (0 ~ 100%)
12	000 - 255	Focus
13	000	Color Temperature (Disable)
	0 - 255	Color Temperature from low to high
14	0 - 010	MacroColorStep (Disable)
	011- 020	Red
	021 - 030	Green
	031 - 040	Blue
	041 - 050	White
	051 - 060	R+G
	061 - 070	G+B
	071 - 080	B+W
	081 - 090	R+B
	091 - 100	G+W
	101 - 110	R+W
	111 - 120	R+G+B
	121 - 130	R+G+W
	131 - 140	G+B+W
	141 - 150	R+G+B+W
	151 - 255	Jump from slow to fast
15	0 - 010	macro colour scroll
	011 – 255	speed slow - fast
16	000 - 020	Empty
	021 - 040	Internal program 1
	041 - 060	Internal program 2
	061 - 080	Internal program 3
	081 - 100	Internal program 4
	101 - 120	Internal program 5
	121 - 140	Internal program 6
	141 - 160	Internal program 7
	161 - 180	Internal program 8
	181 - 200	Empty
	201 - 225	Motor Reset – hold for 5 secs
	226 - 255	Empty
	Empty	

ERROR MESSAGE

When you turn on the fixture, it will make a reset first. The display may show XXer if there is an error with one of more functions. XX stands for channel1, 2, 3,etc who has the testing sensor for positioning.

For example,when the display shows Red Er , it means there is some error in channel 1,If there are some errors on channel 1, channel 2, channel 5 at the same time, you may see the error message Red Color Er , Green Er ,Pan Er flash repeated for 5 times, and then the fixture will generate a reset signal, all the stepper motors reset.

If the fixture remain error message after performing reset more than 3 times, it will detect whether the fixture has more than 3 errors.

If the fixture has 1- 2 errors the unit will function apart from the error channels
If the fixture has 3 or more errors the fixture cannot function.

TECHNICAL SPECIFICATIONS

Power supply: 100V-240V, 50Hz/60Hz
Power consumption: max.360W
Packing dimensions: 48x34.5x44cm
Net weight: 9kgs
Gross weight: 11.5kgs
Remark: errors and missions for every information give this manual excepted. All information is subject to change without prior notice.