

Moving Head 10w RGB Animation Laser With LED 3D Ring



User Manual

二、LCD：

execute function	Menu Function	Menu Settings	User Manual
DMX Control	DMX Setup	DMX+Slave Select Menu/	For master-slave connection in DMX512, the slave must be set to DMX + slave mode
		DMX512	DMX512 mode
	Channel	16CH	Formal mode
		36CH	Pro mode
	Address	1	Set the address code of the light
	Dmx Signal	Disconnect	DMX signal not received
		Connect	DMX signal received
	State Info	Laser ON/ Laser OFF	Indicator light status
Quick Play	Trigger	Auto	Auto mode
		sound	Sound mode
	Playing	Show:All	Select a program to play, 'All' is for all programs
	PlayList	List: All	Select a playlist, where 'All' refers to the complete list
		SizeX:100	Select the horizontal size of the self-propelled pattern
		SizeY:100	Select the vertical size of the self-propelled pattern
		Bright:255	Select the overall brightness of the self-propelled pattern
	PlaySpeed	AutoSpeed 50	auto speed 0-100
		Sensitivity 80	Select voice control sensitivity from 0 to 100
	State Info	Laser ON/ Laser OFF	Indicator light status
ILDA-Mode	ILDASetup	ILDA-DB25	"Select DB25 signal input, automatically recognize ILDA cable."
		ILDA-NET	Select the network cable signal input, and note to do it

			manually
		ILDA-net	"Other operating modes can only be selected after shutting down."
	ILDA1 ILDA1	Reserve	retain
	ILDA2 ILDA2	Reserve	retain
	Signal ILDA	Disconnect	ILDA line not connect
		Connect	ILDA line connect
	StateInfo	Laser ON/ Laser OFF	Indicator light status
Laser Setup	ScanRate	30KPPS	Set the scanning speed of the galvanometer
		Pattern:1	Select test pattern
	Color	RGB	Set the color of the light
		Rmax:255	set laser red brightness
		Gmax:255	set laser green brightness
		Bmax:255	set laser blue brightness
	XY-Invert Inverse Setting	Invert-X:Yes No YesNo/X	Set horizontal inversion
		Invert-Y:Yes No YesNo/Y	Set vertical inversion
		SwapXY:Yes No YesNo/XY	Set XY Swap
		<<<	return
	XY-Size	X: 100	Adjust the scan horizontal size
		Y: 100	Adjust the scan vertical size
	XY-Offset	X: 128	Set horizontal position, out-of-bounds turns off the light
		Y: 128	Set vertical position, out-of-bounds turns off the light
Settings	Safety	OFF	Set safety protection off, laser single-point emits light
		ON	Set safety protection on, laser single-point

			turns off the light
	Master	OFF	Set the master unit to off, disabling master-slave linkage control
		ON	Set the master unit to on, enabling master-slave linkage control
	Laser Type	Anglog	Set the laser to analog modulation mode
		TTL	Set the laser to TTL modulation mode
	DMX- Trig DMX	Trigger Run	Automatically run in DMX512 mode upon receiving a DMX signal
		Manual Run	Manually select DMX512 mode, When in master-slave linkage, the master unit must be set to manual operation
	Oper.Temp	OFF	Turn off the laser temperature detection function
		ON	Turn on the laser temperature detection functio
	System Set	Language	Chinese/ English
			Set the menu interface to Chinese
Backlight		LCD ON	LCD backlight always on
		15S LCD OFF	LCD backlight off
		15S LCD Lock	LCD Turn off the backlight and lock the screen
		15S-Lock	
	Display	Normal	Settings menu

			interface displayed correctly
		180 degree	Display the settings menu interface rotated 180 degrees
	App Skin	1to 4	Set the skin style for the menu interface
	Default	111	Press confirm to restore factory settings when the selection reaches 222
System Info	Version	Thread3.13	Check system info
	Hardware	C100MV1.8	View hardware information
	App Name	YM01V1.56G	View software information
	Firmware	2024012201	View firmware details
	UpdateApp	CheckVer	Upgrade function retention
Led Move Head	Move Show	All/ Show:All Move speed 255 Speed:255	
	RunManual	Pan: 128 Tilt: 128	
	Move phase	No/Pan Panphase:No No/Tilt Tiltphase:No	
	Move Setup	Lock:230	234 into setup
	Led Show	All/Led Show:All 50/ Led speed Speed:50 255/Led Bright:255	

STD/Normal mode: 20CH

CH		channel value	Control content
CH1	Horizontal Motor	0~255	Horizontal Motor
CH2	Horizontal Motor 16Bit	0~255	Horizontal Motor 16Bit
CH3	vertical motor	0~255	vertical motor
CH4	vertical motor 16Bit	0~255	vertical motor 16Bit
CH5	laser light switch	0	turn off the light
		1~255	Turn on the light brightness 1-100%
CH6	Gobo mode	0~26	Gobo mode
	Auto mode	27~127	choose auto speed
	Sound control mode	128~255	Choose voice control sensitivity
CH7	Gobo	0~127	Select a pattern group for every 16 values
	Dynamic Effects Group	128~255	Select a dynamic effect group every 16 values
CH8	Choose gobo	0~255	Choose a pattern every 5 values
	Dynamic effect selection	0~1	Play all programs in the selected dynamic effects group
		2~255	Choose one effect for every two values
CH9	Strobe	1~255	strobe speed choose
CH10	Color	0~3	original color
		4~31	Fixed seven-color selection, sampling one value every four numbers
		32~35	rainbow color-changing effect
		36~39	RGB three color change color effect
		40~43	original color change color effect
		44~239	Multiple combined streaming effects, selecting one value every four

		240~255	gradual drawing effect
CH11	Color speed	0~3	color speed off
		4~127	Slow to fast, forward
		128~255	Slow to fast, reverse direction
CH12	rotation	0~127	Rotate angle Selection
		128~192	Forward Rotation Speed Selection
		193~255	reverse speed selection
CH13	Horizontal move	0~127	Horizontal Position Selection
		128~255	Horizontal Movement Speed Selection
CH14	Vertical move	0~127	Vertical Position Selection
		128~255	vertical Movement Speed Selection
CH15	Zoom	0~127	Select the pattern from largest to smallest
		128~255	speed selection
CH16	Horizontal wave	1~127	speed selection

	vertical wave	128~255	Wave Velocity Selection
CH17	LED effect	0~5	Led off
		8~255	To select LED effects, choose one effect for every 8 values
CH18	LED effect speed	0~255	Select LED effects and adjust the speed from slow to fast
CH19	Moving head speed	0~255	Adjusting horizontal and vertical motor speed from high to low
CH20	Head Shaking System Reset	0~250	invalid
		251~255	System reset after a 3-second delay

PRO/mode: 25CH

CH		channel value	Control content
CH1	Horizontal Motor	0~255	Horizontal Motor
CH2	Horizontal Motor 16Bit	0~255	Horizontal Motor 16Bit
CH3	vertical motor	0~255	vertical motor
CH4	vertical motor 16Bit	0~255	vertical motor 16Bit
CH5	laser light switch	0	turn off the light
		1~255	Turn on the light brightness 1-100%
CH6	auto	0~26	default self-propelled speed
		27~127	Choose self-propelled speed
	Sound control	128~255	Choose voice control sensitivity
CH7	gobo	0~127	Select a pattern group for every 16 values
	Dynamic Effects Group	128~255	Select a dynamic effect group every 16 values
CH8	Choose gobo	0~255	Choose a pattern every 5 values

	Dynamic effect selection	0~1	Play all programs in the selected dynamic effects group
		2~255	Choose one effect for every two values
CH9	strobe	1~255	strobe speed choose
CH10	color	0~3	original color
		4~31	Fixed seven-color selection, sampling one value every four numbers
		32~35	rainbow color-changing effect
		36~39	RGB three color change color effect
		40~43	original color change color effect
		44~239	Multiple combined streaming effects, selecting one value every four
		240~255	gradual rendering
CH11	Color speed	0~3	color speed off
		4~127	Slow to fast, forward
		128~255	Slow to fast, reverse direction
CH12	line scan speed	0~127	Choose line scan speed
	point scanning speed	128~255	Choose point scanning speed

CH13	rotation Z	0~127	Rotate by Z angle
		128~255	Rotational Z-speed selection
CH14	Rotation X	0~127	Rotate by X angle
		128~255	Rotational X-speed selection
CH15	Rotation Y	0~127	Rotate by Y angle
		128~255	Rotational Y-speed selection
CH16	Horizontal move	0~127	Horizontal Position Selection
		128~255	Horizontal Movement Speed Selection
CH17	Vertical move	0~127	Vertical Position Selection
		128~255	vertical Movement Speed Selection
CH18	zoom	0~127	Select the pattern from largest to smallest
		128~255	speed selection
CH19	gradual drawing	1~255	speed selection
CH20	Horizontal wave	1~127	speed selection
	Vertical wave	128~255	
CH21	LED EFFECT	0~5	Led off
		8~255	Select a LED effect, choosing one effect for every 8 values
CH22	LED effect speed	0~255	Slow to fast
CH23	LED strobe	0~255	Slow to fast
CH24	Moving head speed	0~255	Select the horizontal and vertical motor speed from fast to slow
CH25	Head Shaking System Reset	0~250	invalid
		251~255	System reset after a 3-second delay

Technical parameters:

Rated voltage: AC110-220V

Shaking head laser+LED aperture

Rated frequency: 50-60Hz

Rated power: 300W

Laser color: RGB full-color

Laser power: RGB 10W/RGB 5W

Laser light source: R3w/638nm G3w/525nm B4w/447nm/ (5W-R1, G1, B3)

Laser pattern: 256 laser animation patterns

Modulation signal: TTL modulation (analog modulation)

Scanning system: galvanometer scanning 30KPPS

Scanning angle: plus or minus 20 degrees

Stepper motor: 2 two-phase 57 motors

Horizontal: 540 degrees Vertical: 270 degrees

LED dyeing configuration: Three layer wheat jazz light strip

Control method: DMX512, Voice control, self-propelled, computer ILDA interface, Ethernet Art Net,

Control channel: 20/25 channels

DMX special effects: single pattern mode, with functions such as pen breakage, flicker, rotation, movement, scrolling, segmentation, gradient drawing, color change, and resizing.

Function: Can be controlled by laser software such as pangolin QSF3/FB4 or Phoenix.

The ILDA control adopts an automatic electronic transfer switch, which has scanning system error protection and laser shutdown protection.

Instructions for use: The ambient temperature should be controlled between 0~35 °C. A dry and dust-free environment can reduce laser power attenuation and extend the lifespan of the lamp

Suitable venues: nightclubs, bars, nightclubs, concerts, advertising promotions, etc

Cooling system: fan forced cooling of Shaking head laser+LED dye light

Bare lamp size: 29 * 24 * 45cm

Net weight: 10kg

Packaging size: 50 * 35 * 37cm

Gross weight: 12kg