

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

Gg-10



二、LCD：

execute function	Menu Function	Menu Settings	User Manual
DMX Control	DMX Setup	DMX+Slave SelectMenu/	For master-slave connection in DMX512, the slave must be set to DMX + slave mode
	Channel	DMX512 16CH	DMX512 mode
	Address	36CH 1	Formal mode Pro mode
	Dmx Signal	Disconnect Connect	Set the address code of the light DMX signal not received DMX signal received
	State Info	Laser ON/ Laser OFF Auto	Indicator light status Auto mode
Quick Play	Trigger	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
ILDA-Mode		Bright:255	Select the overall brightness of the self-propelled pattern
	PlaySpeed	AutoSpeed 50 Sensitivity 80	auto speed 0-100 Select voice control sensitivity from 0 to 100
	State Info	Laser ON/ Laser OFF ILDA-DB25	Indicator light status "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."
Laser Setup	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
Settings	ScanRate	30KPPS Set the scanning speed of the galvanometer
	Color	Pattern:1 RGB Set the color of the light
		Rmax:255 Gmax:255 Bmax:255 set laser red brightness set laser green brightness 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 Y: 100 Adjust the scan horizontal size Adjust the scan vertical size
	XY-Offset	X: 128 Y: 128 Set horizontal position, out-of-bounds turns off the light Set vertical position, out-of-bounds turns off the light
	Safety	OFF ON Set safety protection off, laser single-point emits light Set safety protection on, laser single-point turns off the light
	Master	OFF ON Set the master unit to off, disabling master-slave linkage control Set the master unit to on, enabling master-slave linkage control
	Laser Type	Anglog TTL Set the laser to analog modulation mode Set the laser to TTL modulation mode
	DMX-Trig	Trigger Run Automatically run in DMX512 mode

DMX	Manual Run	upon receiving a DMX signal 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 function
	Language	Chinese/ English Set the menu interface to English Set the menu interface to Chinese
System Set	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

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
	Gobo mode 1~255	Turn on the light brightness 1-100%
	Auto mode 0~26	Gobo mode
	Sound control mode 27~127	choose auto speed
CH6	Gobo	Choose voice control sensitivity
	Dynamic Effects Group	Select a pattern group for every 16 values
	Choose gobo	Select a dynamic effect group every 16 values
CH7	Dynamic effect selection 0~1	Choose a pattern every 5 values Play all programs in the selected dynamic effects group
	Strobe	Choose one effect for every two values
	Color	Choose one effect for every two values
CH8	0~255	Choose a pattern every 5 values
CH9	1~255	Play all programs in the selected dynamic effects group
CH10	0~3	Choose one effect for every two values
	4~31	Choose one effect for every two values

CH11	Color speed	32~35	rainbow color-changing effect
		36~39	RGB three color change color effect
		40~43	Original color change color effect
CH12	rotation	44~239	Multiple combined streaming effects, selecting one value every four
		240~255	gradual drawing effect
		0~3	color speed off
CH13	Horizontal move	4~127	Slow to fast, forward
		128~255	Slow to fast, reverse direction
		0~127	Rotate angle Selection
CH14	Vertical move	128~192	Forward Rotation Speed Selection
		193~255	reverse speed selection
		0~127	Horizontal Position Selection
CH15	Zoom	128~255	Horizontal Movement Speed Selection
		0~127	Vertical Position Selection
		128~255	vertical Movement Speed Selection
CH16	Horizontal wave	0~127	Select the pattern from largest to smallest
		128~255	speed selection
		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
		0~255	Select LED effects and adjust the speed from slow to fast
CH18	LED effect speed	0~255	Adjusting horizontal and vertical motor speed from high to low
		0~255	invalid
		251~255	System reset after a 3-second delay
CH19	Moving head speed	0~255	invalid
CH20	Head Shaking System Reset	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
	laser light switch 1~255	Turn on the light brightness 1-100%
	auto 0~26	default self-propelled speed
CH6	Sound control 27~127	Choose self-propelled speed
	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
	color	0~3	original color
		4~31	Fixed seven-color selection, sampling one value every four numbers
CH10		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
	line scan speed	128~255	Slow to fast, reverse direction
CH12	point scanning speed	0~127	Choose line scan 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
	Horizontal wave	1~127	
CH20	Vertical wave	128~255	speed selection
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
		0~250	invalid
CH25	Head Shaking System Reset	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 * 37

cmGross weight: 12kg