

10W RGB Professional Laser Lighting

LCD Display & Operation:

“Yellow frame”: Current position

“Red letter”: Current function or selected function

Rotating Knob: Change position or Edit value

Press Knob: Edit or into function menu

LCD Display (Rotation Knob to select the function)

Auto	SD List
Sound	exFlash
DMX: x	Setting
Slave	Device

“DMX: x” x means current address code

LCD menu functions

Main Menu	Secondary Menu	Menu function	Value	Default	Function	Description
Auto Menu		Auto Menu			Title	Enter Title back to “UP” menu
		Show	Max 25	0	Built –in effect select	Enter to edit will show the value
		Built–in effect type		1: Aurora, 2:dot beam, 3: five dot, 4: triangl1, 5: triangle2, 6: line, 7:circle1,8:circle2,9:rect1,10:rect2 11: curve, 12: mix, 13: custom1		
		step	Max 128	Cycle	Select effect	Cycle
		value		Value correct to Step		
		rate	1-49	5	Auto speed	Set auto speed
Sound Menu		Sound Menu			Title	Enter Title back to “UP” menu
		Show	Max 25	0	Built –in effect select	Enter to edit will show the value
		Built–in effect type		1: Aurora, 2:dot beam, 3: five dot, 4: triangl1, 5: triangle2, 6: line, 7:circle1,8:circle2,9:rect1,10:rect2 11: curve, 12: mix, 13: custom1		
		step	Max 128	Cycle	Select effect	Cycle
		value		Value correct to Step		
		Sensitivity	1-25	5	Sensitivity adjust	
		Clear		Clear		

DMX Menu		DMX Menu			Title	Enter Title back to “UP” menu
		Type	1-5	4 18CH	DMX	
		start add	1-512			
Slave Menu		Slave Menu			Title	Enter Title back to “UP” menu
		slave mode		Slave	Master light can not be in mode of slave, Dmx, SD. Do not connect DMX controller	
SD Program		SD Program			Title	Enter back to up menu
		Show	Max 10	Cycle		cycle: ILDA_user :play/ play.list
		Show name		Play:“.csv” file name		
		File	Max 83	Cycle	Play file	cycle: (0-129)
		Show file name		Ilda file name		
		Mode	auto/sound	Auto	auto/sound	
		Rate	1-50	1	Speed: 1-50 fast to slow	
exF List Menu		exF List Menu			Title	Enter Title back to “UP” menu
		Show	Max5	Cycle	Play file	cycle ILDA_user: updata/ ex_play.list: include gobo, cartoon, animal, beam, custom updata/ ex_play_cn.list: include gobo, cartoon, animal, beam, custom
		Show file name		Updata “.csv”file		
		File	Max25	Cycle	Play file	cycle
		Show file name		Ilda file name		
		Mode	auto/sound	Auto	auto/sound	
		Rate	1-50	1	Speed: 1-50 fast to slow	
Setting Menu	Scan-speed	test pattern	Circle			
			TOP			
			color			
			rect			

		Linkage	Yes/no	Yes		yes: scan rate, prelight, blanking belong to scan speed no:	
		Scan Speed	"58K7" "52K2" " 47K" "42K7" "39K1" "36K1" "33K5" "31K3" "29K3" "26K1" "20K4" "15K2" "10K"	33K5	Scanner speed		
		-Scan rate	5-50	45			
		-prelight:	1-50	5			
		-Blanking:	1-50	2			
		DB25-ILDA XY	X Mirror	Yes/no	No		
	Y Mirror		Yes/no	No			
	Ilda Switch		Off/on/ auto	Auto		off: Built – in Effect mode on: DB25 ILDA mode auto: when linked DB25, Play ILDA , when off DB25, Play Built-in effect	
	XY	XY Size	0-100	100			
		X Size	0-100	100			
		Y Size	0-100	100			
		X Position	0-100	50			
		Y Position	0-100	50			
		X Mirror	yes, no	No			
		Y Mirror	yes, no	No			
		XY Swap	yes, no	No			

	Color	Color Type	Single RtoG,RtoB , GtoR, GtoB, BtoR, BtoG, RGB, TTL, Black noBlanking	RGB		
		ALL	0-100	100		
		Red	0-100	100		
		Green	0-100	100		
		Blue	0-100	100		
	FFT/Sound	Clear			Clear Noise	
		run times	5-30	5		
		black delay	1-50	10		0.1 to 5 seconds
		Threshold	0-100	22		
		start Freq	0-31	6		
		end Freq	0-31	26		
	SD	max point	100-1300	1300		
		frame_split	yes, no	no		
	DMX [DMX]	Dmx speed	0-150	15		
		dmx step	0-50	5		
	Catch DMX	Catch DMX	0-512			
	Safe THR		off,1-100	off		off: No protection
	Interpolate		yes, no	yes		
Device Detail	Language		Chinese/ En			

DMX Channels

CH	Function	Value	Description			
CH1	Dimmer	0-63	OFF			
		64-127	ON	Auto speed		
		128-255		Speed from slow to fast		
CH2	Model	0-49	Auto	Each 10 value per group		
		50-99	Sound	Each 10 value per group		
		100-149	Animation—Save	Each 10 value per group		
		150-199	Animation—SD	Each 5 value per group		
		200-255	Pattern	Each 10 value per group		
CH3	gobo /frame	0-249	Auto, Sound	Animation		Pattern
			Each 3 value per Auto effect	Each 3 value per Anmiation		Each 3 value per Pattern
		250-255	Cycle selected Group (Select from CH2)			

CH	Function	Value	Description	
CH4	Strobe	0-10	No strobe	
		11-199	Auto strobe slow to fast	
		200-249	Sound strobe	
		250-255		
CH5	Color select	0-1	Fixed colors	
		2-15	7 colors	
		16-19	7 colors change	
		20-33	7 mixed colors	
		34-37	7 mixed colors change	
		38-154	Adjust colors	
		155-255	Adjust colors running water	
CH6	Display mode	0-63	Normal display	
		64-127	Lightspot display	
		128-191	Segment display	
		192-255	Spot display	
CH7	Pan	0-255	Manual adjust	
CH8	Tilt	0-255	Manual adjust	
CH9	Zoom	0-10	No function	

		11-87	Manual adjust
		88-150	Big
		151-200	Small
		201-255	Cycle small
CH10	Tilt Rotation	0	No function
		1-128	Manual rotation
		129-255	Auto rotation
CH11	Pan Rotation	0	No function
		1-128	Manual rotation
		129-255	Auto rotation
CH12	Z Rotation	0	No function
		1-128	Manual rotation
		129-192	Auto rotation
		193-255	Auto rotation
CH13	Gradual Draw	0-10	No function
		10-74	Manual adjust
		75-104	Auto Draw (+)
		105-144	Auto Draw (-)
		145-184	Auto Cycle Draw
		185-224	Auto Cycle Draw (+)
		225-255	Auto Cycle Draw (-)
CH14	X Auto movement	0	No function
		1-255	From slow to fast
CH15	Y Auto movement	0	No function
		1-255	From slow to fast
CH16	Red Dimmer	0-255	From brightest to off
CH17	Green Dimmer	0-255	From brightest to off
CH18	Blue Dimmer	0-255	From brightest to off

27CH Mode:

CH	Function	Value	Description
CH1	Auto	0~31	Blackout
		32~63	Choose pattern by manual
		64~95	Auto
		96~127	Macro Auto by sound
CH2	Dimmer	0~255	Total dimmer
CH3	Red	0~255	Red dimmer
CH4	Green	0~255	Green dimmer
CH5	Blue	0~255	Blue dimmer
CH6	Pattern Group	0~255	32 values a group, total 8 groups. 10 values a macro effect, total 25 effects
CH7	Pattern select	0~15	Blackout
		16~255	12 values a pattern, total 20 patterns
CH8	Pan	0~255	Value 128 as center
CH9	Pan Fine	0~255	Pan fine adjust
CH10	Tilt	0~255	Value 128 as center
CH11	Tilt Fine	0~255	Tilt fine adjust

CH12	Pattern rotation	0~255	
CH13	Rotation Fine	0~255	
CH14	Zoom	0~255	Pattern size from big to small
CH15	Pan rotation	0~255	Pattern pan rotation from left to right
CH16	Tilt rotation	0~255	Pattern tilt rotation from up to bottom
CH17	Color Macro	0~255	0~7: default, 8~63: 7 colors, 64~127: Color effect (8 values an effect. total 8 effects), 128~143: Macro 1, 144~159: Macro 2, 160~175: Macro 3, 176~191: Macro 4, 192~207: Macro 5, 208~223: Macro 6, 224~239: Macro 7, 240~255: Macro 8
CH18	Gradual Draw	0~255	Pattern Gradual Draw 100%-0
CH19	Pattern deformation	0~255	(Combine CH14, CH25) 0~15: None, 16~31: Macro 1, 32~47: Macro 2, 48~63: Macro 3, 64~79: Macro 4, 80~95: Macro 5, 96~111: Macro 6, 112~127: Macro 7, 128~143: Macro 8, 144~159: Macro 9, 160~175: Macro 10, 176~191: Macro 11, 192~207: Macro 12, 208~223: Macro 13, 224~255: Default
CH20	Wave Macro	0~255	0: None, 1~39: Macro 1, 40~79: Macro 2, 80~119: Macro 3, 120~159: Macro 4, 160~199: Macro 5, 200~255: Macro 6
CH21	Gradual Draw Macro	0~255	0: None, 1~42: Macro 1, 43~84: Macro 2, 85~126: Macro 3, 127~255: Strobe (from slow to fast)
CH22	Pan Macro	0~255	0: None, 1~32: Macro 1, 33~64: Macro 2, 65~96: Macro 3, 97~128: Macro 4, 129~160: Macro 5, 161~192: Macro 6, 193~224: Macro 7, 225~255: Macro 8
CH23	Tilt Macro	0~255	0: None, 1~32: Macro 1, 33~64: Macro 2, 65~96: Macro 3, 97~128: Macro 4, 129~160: Macro 5, 161~192: Macro 6, 193~224: Macro 7, 225~255: Macro 8
CH24	Pattern Rotation Macro	0~255	0: None, 1~32: Macro 1, 33~64: Macro 2, 65~96: Macro 3, 97~128: Macro 4, 129~160: Macro 5, 161~192: Macro 6, 193~224: Macro 7, 225~255: Macro 8
CH25	Zoom Macro	0~255	0: None, 1~32: Macro 1, 33~64: Macro 2, 65~96: Macro 3, 97~128: Macro 4, 129~160: Macro 5, 161~192: Macro 6, 193~224: Macro 7, 225~255: Macro 8
CH26	Pan rotationMacro	0~255	0: None, 1~32: Macro 1, 33~64: Macro 2, 65~96: Macro 3, 97~128: Macro 4, 129~160: Macro 5, 161~192: Macro 6, 193~224: Macro 7, 225~255: Macro 8
CH27	Tilt rotation Macro	0~255	0: None, 1~32: Macro 1, 33~64: Macro 2, 65~96: Macro 3, 97~128: Macro 4, 129~160: Macro 5, 161~192: Macro 6, 193~224: Macro 7, 225~255: Macro 8

Technical parameters:

Voltage: AC100~240V 50/60HZ

Light Source: 10W RGB (3W Red, 3W Green, 4W Blue)

Control mode: Sound, Auto, DMX512, ILDA PC, RJ45 Net port

DMX Channels: 18CH / 27CH

Laser Pattern: More than 256 patterns and effects

Scanner: High speed scanner 30K

LCD Display

IP Level: IP20

Dimension: 28 x 20 x 26 cm

Weight: 9kg