THUNDER 1200

2-in-1 Outdoor blinder

USER MANUAL

PLEASE RED THE INSTRUCTIONS CAREFULLY BEFORE USE

TECSHOW

1.OVERVIEW

THUNDER 1200

2-in-1 Blinder - 1200 4-in-1 1W LEDs

Thunder 1200 is an outdoor blinder that sports 1200 x 5054 SMD 1W RGBW LEDs. Designed to endure the most demanding situations, the fixture has IP65 degree of protection. Its LEDs are high-brightness quad-colour LEDs, allowing a smooth RGBW mix without multicoloured shadows, achieving a very broad spectrum of deeply saturated colours. Usable as a flash effect or a washer, Thunder 1200 is ideal for medium and large scale applications for its power and versatility.

Source & Optics
Light Source: 1200 x 1W RGBW SMD 5054 LEDs
LEDs life: 50,000 hours
Beam angle: 120º

Control
DMX channels: 8/18

Operation modes: DMX, auto & Master/Slave

Effects & Functions
2-in-1: Blinder + Wash light High-power LEDs
4-in-1 LED technology: Smooth RGBW color mixture without multi-color shadows
Rainbow effect
5 LED zones
Dimmer: 0-100% electronic linear
Strobe effect: 0-20Hz

Electrical
Input voltage range: 115–230V, 50-60Hz
Max power consumption: 1200W

Physical
IP65 Certificate
LCD Display
DMX connectors: 2 Outdoor XLR3
Power Supply: In/Out outdoor power supply connectors
Dimensions: 680x310x180 mm. / 26.7x12.2x7 in.
Weight: 12 Kg. / 26.5 Lbs.

2. MENU

Digital Menu				
No.	**Menu**	**Item**	**Select**	**Function**
1	\<Addr\>		A.001-A.512	DMX Address
2	\<rUnd\>		5LAU	Slave
			Aoto	Auto
			5ond	Sound
3	\<Chnd\>		7CH	7 Channel Mode
			18CH	18 Channel Mode
4	\<TooL\>	\<bALA\>	5U	ON/OFF (default OFF)
			\<rEd \>R	50-255 (default 255)
			\<9rEE\>G	
			\<bLUE\>B	
			\<UHlt\>W	
		\<CLEA\>	OFF	OFF
			ON	ON (default)
		\<dEFC\>	OFF	Return
			ON	Restore Default Settings
5	\<NAN\>	CH.01	H.000-H.255	Dimmer
		CH.02		Strobe
		CH.03		Strobe Speed
		CH.04		R
		CH.05		G
		CH.06		B
		CH.07		W

		CH.08		ColorM
		CH.09		ColorF
		CH.10		Case
		CH.11		CaseSP
		CH.12		CaseFad
		CH.13		CaseR
		CH.14		CaseG
		CH.15		CaseB
		CH.16		CaseW
		CH.17		CaseDim
		CH.18		BackDim
6	\<INFo\>	tInE	0000-9999	Use time (hour)
		VEr	Uxxx	Display software version number
		tEnP	t.xxx	(℃)
7	\<rE5t\>		OFF	Machine reset closed
			ON	Machine reset open

Press ESC: to return to the previous menu interface;
Key UP: Turn down the menu (or value +); (The value displayed after long press 1S plus)
Key DOWN: Turn up the menu (or value -); (numerical display long press 1S after the reduction)
Press ENTER: to enter the menu settings or save the settings and return to the previous menu

3.DMX CHANNELS

7 Channel	18 Channel	Function	Value	Function Description
1	1	Dimmer	0-4	Close
			5-255	From dark to bright
2	2	Strobe	0-4	Close
			5-54	Random Strobe
			55-104	Fade In
			105-154	Fade Out
			155-204	Pulse Strobe
			205-255	Strobe
3	3	Strobe Speed	0-255	Speed from slow to fast
4	4	R Dimmer	0-255	Red color from dark to bright
5	5	G Dimmer	0-255	Green color from dark to bright
6	6	B Dimmer	0-255	Blue color from dark to bright
7	7	W Dimmer	0-255	White color from dark to bright
	8	Color Mode	0-4	No Effect
			5-14	R
			15-24	G
			25-34	B
			35-44	Yellow
			45-54	Cyan

			55-64	Magenta
			65-74	W
			75-199	Color jump slow to fast
			200-255	Random color slow to fast
9		Color Gradient	0-7	No Effect
			8-39	Red to Yellow
			40-71	Yellow to Green
			72-103	Green to Cyan
			104-135	Cyan to Blue
			136-167	Blue to Magenta
			168-199	Magenta to Red
			200-255	Color gradient slow to fast
	10	Built-in Effect	0-4	No Effect
			5-255	Water Flow
	11	Effect Speed	0-255	slow to fast
	12	Effect Gradient	0-255	
	13	Effect R	0-255	Effect Red dimming from dark to bright
	14	Effect G	0-255	Effect Green dimming from dark to bright
	15	Effect B	0-255	Effect Blue dimming from dark to bright
	16	Effect W	0-255	Effect White dimming from dark to bright
	17	Effect Dimmer	0-255	Effect dimming from dark to bright

	18	Background Dimmer	0-255	Background dimmer dimming from dark to bright

4. EQUIPMENT CLEANING

The luminaire must be cleaned regularly so that the lighting effect will be better. The frequency of cleaning depends on the environment. Humidity, excessive smoke, and a particularly dirty environment can make the lens dusty.

• Use soft linen and special glass cleaners;

• Dry the parts carefully;

• At least once every 20 days you have to clean the outside of the fixture and clean it at least every 30 days or 60 days