

OPERATION MANUAL

INVENTORY OF YOUR *Merlin*[®] -CR BOX

Inside this box you will find:

1. A 96-270volt 50-60Hz Merlin-CR Moving Light
2. A 1.8 meter UL/CE-listed a/c power cord
3. 2X Clamp Mounts

FUNCTION SUMMARY

- * Gobo wheel: 4 rotating gobos + 3 fixed gobos + open,
- * Zoom: Manual 10 or 18 degree zoom
- * Focus: 2m infinity, manual controllable,
- * Colour wheel: 8 colors + open, 8 split colors
- * Strobe, Full Dimming and Blackout
- * Sound-Active, Stand-Alone, Master / Slave, Pan / Tilt and Display Invert
- * Pan: 520° Tilt: 245°, automatic Pan/Tilt position correctio
- * Lamp:HTI150-watt Lamp
- * Size (mm): 300 x 250 x 250
- * Weight: 6.3 kg



DMX CHANNEL SUMMARY

Each DMX channel or “handle” coming from a controller has 255 “increments” of power within that “handle”. That channels function and the things triggered by the ascending increments within that channel for your Merlin-CR are listed here:

Channel	Funtion	Values
1	Moves X-Axis	0-255
2	X-AXIS 16 bit.	0-255
3	Moves Y-Axis	0-255
4	Y-AXIS 16 bit.	0-255
5	Y and X-Axis Speed	0-255, 0 is normal or “fast”
6	Dimmer/Shutter	0-2 (closed) 3-127 (0 to 100 open dimming), 128-254(Strobe, slow to fast), 255(Open)
7	Fixed Gobo Wheel	0-17 (open) 18-255 (individual Gobos, 1-7)
8	Rotating Gobo Wheel	0 (open) 1-255 (individual Gobos, 1-4)
9	Gobo Rotating	0-127 (position) 128-192 (left rotating fast to slow) 193-255 (right rotating fast to slow)
10	Color Wheel	0-14 (open) 15-127 (individual Colors, 1-8) 128-192 (Colors scroll, left rotating fast to slow) 193-255 (Color scroll, right rotating slow to fast)
11	Reset/Home,	0-199 (nothing). 200-210 (reset all of its parameters: Position, Color, Gobo and Shutter.) 211-255 (nothing).

MENU SUMMARY

Keys:



Scroll Up



Scroll Down



Menu.



Enter

Address	8888	8008	8582	
“Master” or “DMX” Mode	8888	8088	Master	8888 DMX
Sound-Activated Mode	8858	8088	No sound-activated	8888 Stand-alone
Auto Mode	8888	8088	No Auto program	8888 Multi-stepped program
Manual Reset	8858	8088	Responds normally	8888 Default reset setting
Factory Default Setting	8858	8088	Factory Default Setting	8888 Factory Default Setting
Function Test	8888	8088	Responds normally	8888 Function Test
NO Display	8888	8088	Display reads normally	8888 Close the display for after six second
Display	8885	8088	Display reads normally	8888 Invert the display
TILT invert	8888	8088	Responds normally	8888 Reversed to any control inputs
PAN invert	8888	8088	Responds normally	8888 Reversed to any control inputs

HOWEVER:

It could also mean you have a slightly larger problem. It is possible that the Color or Gobo wheel has either come loose, slipped down its axle or even became warped and is now rubbing against the sensor. In either case, see our website at www.toplit.com for instructions on fixing/repairing this problem. **DO NOT** use this unit until it is fixed or you could permanently scuff/damage the sensor and render it useless!



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