

OPERATION MANUAL

INVENTORY OF YOUR *Merlin*[®] -Cpro BOX

Inside this box you will find:

1. A 96-270volt 50-60Hz Merlin-Cpro Moving Light
2. A 1.8 meter UL/CE-listed a/c power cord
3. One ELC 250-watt Lamp
4. 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: ELC 250-watt Lamp
- * Size (mm): 300 x 250 x 250
- * Weight: 6.2 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-Cpro 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, Lamp Power-Down/Re-Strike	0-127 (nothing). 128-191 (wait 5 seconds reset. If the lamp has been shut down or gone out due to power or data failure, it will re-strike) 191-250 (nothing). 251-255 (Lamp will shut down)

MENU SUMMARY

Keys:



Scroll Up



Scroll Down



Menu.



Enter

Address	8888	8000	8888	8888
"Master" or "DMX" Mode	8888	8888	Master	DMX
Sound-Activated Mode	8888	8888	No sound-activated	Stand-alone
Auto Mode	8888	8888	No Auto program	Multi-stepped program
Manual Reset	8888	8888	Responds normally	Default reset setting
Lamp switch	8888	8888	Lamp shut down	Lamp re-strike
Factory Default Setting	8888	8888	Factory Default Setting	Factory Default Setting
Function Test	8888	8888	Responds normally	Function Test
NO Display	8888	8888	Display reads normally	Close the display for after six second
Display	8888	8888	Display reads normally	Invert the display
TILT invert	8888	8888	Responds normally	Reversed to any control inputs
PAN invert	8888	8888	Responds normally	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!

