

USER MANUAL

E-Beam80

Led Beam Moving Light

Version 1.0

Please Read Over This Manual Before Operating The Light Fixture

1. Safety Warning

Nebula products are designed and manufactured to meet the requirements of People's Republic of China and international safety regulations. Modifications to the product could affect safety and render the product non-compliant to relevant safety standards.

Instructions pertaining to continued protection against fire, electric shock, and injury to persons are found throughout this manual. Please read all instructions prior to assembling, mounting, and operating this equipment.

IMPORTANT

ALWAYS READ THE USER MANUAL BEFORE OPERATION. PLEASE CONFIRM THAT THE POWER SUPPLY STATED ON THE PRODUCT IS THE SAME AS THE MAINS POWER SUPPLY IN YOUR AREA.

- This product must be installed by a qualified professional.
- Always operate the equipment as described in the user manual.
- A minimum distance of 1m must be maintained between the equipment and combustible surface.
- The product must always be placed in a well ventilated area.
- Always make sure that the equipment is installed securely.
- DO NOT stand close to the equipment and stare directly into the LED light source.
- Always disconnect the power supply before attempting and maintenance.
- Always make sure that the supporting structure is solid and can support the combined weight of the products.

ATTENTION



This product left the place of manufacturer in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warnings described in this user manual.

- Avoid shaking or strong impacts to any part of the equipment.
- Make sure that all parts of the equipment are kept clean and free of dust.
- Always make sure that the power connections are connected correct and secure.
- If there is any malfunction of the equipment, contact us immediately.
- When transferring the product, it is advisable to use the original packaging in which the product left the factory.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is not conformable.

2. Product Parameters

- Source: 80W White LED
- CT: 7000K
- Life: >20,000 hrs
- Power supply: AC 100-240V, 50/60Hz
- Power consumption: 110W
- Color: 1 Color Wheel with 15 colors + white, full and half color function, bi-directional rotation
- Gobo: 1 static Gobo Wheel with 17 gobos + open, shake and bi-directional rotation
- Beam angle: 2°
- Focus: Motorized linear focus
- Prism: 8-facet circular rotating prism (linear prism, 2-independent-prism optional)
- Frost: 1 frost filter
- Dimmer: 0-100% smoothly adjustable
- Strobe: 0-20 Hz variable speed, pulse and random strobe
- Pan/Tilt: 540°/270°, 16 bit resolution, position memory, auto correction
- Control mode: DMX512, Manual
- DMX channel: 12/15
- Connection: 3 pin & 5 pin XLR

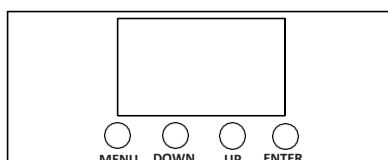
3. Fixture Control Board

【MENU】 Scroll through the main menu or exit from the current sub-menu.

【DOWN】 Scroll 'DOWN' through the menu list or decrease the value of the current function.

【UP】 Scroll 'UP' through the menu list or increase the value of the current function.

【ENTER】 Enter the currently selected menu or confirm the current function value.



The classes of each menu are listed in the diagram as below:

Address	001-512	DMX address setting	
Fixture	Channel Mode	Standard	15Chs
		Reduced	12Chs
	Pan/Tilt	Invert Pan	Off/On
		Invert Tilt	Off/On
		Swap Pan-Tilt	Off/On
	Curve	Curve 1	Optional dimmer curves
		Curve 2	
Curve 3			
Manual	Reset	Head Reset	Reset except P/T
		Pan/Tilt Reset	Reset only P/T
		All Reset	Reset whole light
	Channel	For manual control of the attribute channels	
Auto Test	Stop	Auto test programs , in order to test the functional components of the fixture, the default status is "Stop".	
	Auto program 1		
	Auto program 2		
	Auto program 3		
System	Language	Chinese/English	
	Backlight Setting	Auto/Keep On	
	Display	Normal/Invert	
	Factory Reset	OK/Cancel	
Information	Device/Lamp	Usage information of the fixture	

4. Channel Assignments

Mode/Channel		Value	Function
St	Ba		
1	1	0-255	Pan 0-100%
2		0-255	Pan fine 0-100%
3	2	0-255	Tilt 0-100%
4		0-255	Tilt fine 0-100%
5	3	0-255	Pan/Tilt Speed Fast -> Slow
6	4	0-255	Dimmer 0 -> 100%
7		0-255	Dimmer fine 0 -> 100%
8	5	252-255 213-251 208-212 108-207 104-107 4-103 0-3	Strobe/Shutter Open Random Strobe Open Pulse: Slow -> Fast Open Strobe: Slow -> Fast Close

9	6	193-255	Color Wheel
		191-192	Rotation(CCW): Slow -> Fast
		128-190	Stop
		124-127	Rotation(CW): Fast -> Slow
		120-123	Color15 + White
		116-119	Color14 + Color15
		112-115	Color13 + Color14
		108-111	Color12 + Color13
		104-107	Color11 + Color12
		100-103	Color10 + Color11
		96-99	Color9 + Color10
		92-95	Color8 + Color9
		88-91	Color7 + Color8
		84-87	Color6 + Color7
		80-83	Color5 + Color6
		76-79	Color4 + Color5
		72-75	Color3 + Color4
		68-71	Color2 + Color3
		64-67	Color1 + Color2
		60-63	White + Color1
		56-59	Color15
		52-55	Color14
		48-51	Color13
		44-47	Color12
		40-43	Color11
36-39	Color10		
32-35	Color9		
28-31	Color8		
24-27	Color7		
20-23	Color6		
16-19	Color5		
12-15	Color4		
8-11	Color3		
4-7	Color2		
0-3	Color1		
	Empty		

10	7	199-255 196-198 139-195 134-138 129-133 124-128 119-123 114-118 109-113 104-108 99-103 94-98 89-93 84-88 79-83 74-78 69-73 64-68 59-63 54-58 51-53 48-50 45-47 42-44 39-41 36-38 33-35 30-32 27-29 24-26 21-23 18-20 15-17 12-14 9-11 6-8 3-5 0-2	Fixed Gobo Rotation(CCW): Slow -> Fast Stop Rotation(CW): Fast -> Slow Gobo17 Shake: Slow -> Fast Gobo16 Shake: Slow -> Fast Gobo15 Shake: Slow -> Fast Gobo14 Shake: Slow -> Fast Gobo13 Shake: Slow -> Fast Gobo12 Shake: Slow -> Fast Gobo11 Shake: Slow -> Fast Gobo10 Shake: Slow -> Fast Gobo9 Shake: Slow -> Fast Gobo8 Shake: Slow -> Fast Gobo7 Shake: Slow -> Fast Gobo6 Shake: Slow -> Fast Gobo5 Shake: Slow -> Fast Gobo4 Shake: Slow -> Fast Gobo3 Shake: Slow -> Fast Gobo2 Shake: Slow -> Fast Gobo1 Shake: Slow -> Fast Gobo17 Gobo16 Gobo15 Gobo14 Gobo13 Gobo12 Gobo11 Gobo10 Gobo9 Gobo8 Gobo7 Gobo6 Gobo5 Gobo4 Gobo3 Gobo2 Gobo1 Open
11	8	128-255 0-127	Prism Prism into the light beam Open

12	9	192-255 128-191 0-127	Prism Rotation Prism Rotation(CCW): Slow -> Fast Prism Rotation(CW): Fast -> Slow Prism Position
13	10	0-255	Focus 0 -> 100%
14	11	0-255	Frost 0 -> 100%
15	12	200-255 150-199 100-149 0-99	Reset All reset Head reset P/T Reset Unused