

Stage Lighting Equipment Supplier Expert

USER'S MANUAL

LED 300W BEAM MOVE HEAD LIGHT



Product Instruction

Voltage: AC90V ~ 275V / 50 ~ 60Hz	LED Source: 300W White LED
Channel: 17 CH	Beam: effect of angle change of multistage beam
LED life: Avereage5000 hours	Dimming: 0-100% linear adjustment
Color wheel: 10 colors + white light	Beam angle: parallel beam angle 2.5 °
Gobo wheel: 18 gobos + open	Strobe: 1-25Hz With Pulse Effect
Prism: 8/18 face prism and rotation	Projection range: 540 degrees in X direction, 270 degrees in Y direction
Appearance: high temperature resistant plastic shell, high strength alloy cold pressed core material	Protection class: IP20
Focus: linear focus	Scanning : 540 degrees in X direction, 250 degrees in Y direction
Size of Dimension: 48x30x20cm	Net weight: 12.25 KG
Paking Dimension: 51x38x36cm	Gross Weight:14.5KG

5-DMX-512 connection

The fixture is equipped with both 3-pin sockets for DMX input and output. The sockets are wired in parallel.

Only use a shielded twisted-pair cable designed for 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

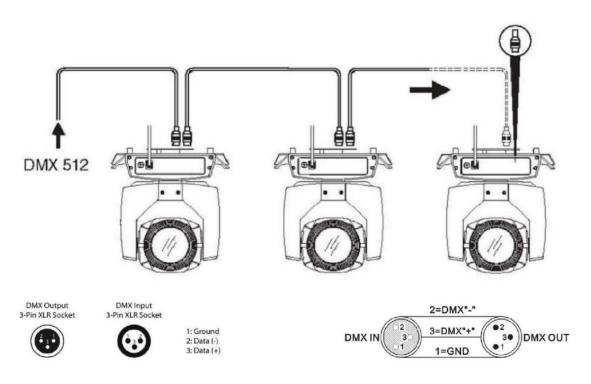
DMX - output XLR mounting-sockets (rear view):



Building a serial DMX-chain:

DMX-input XLR mounting-plugs (rear view):





Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected. Up to 32 fixtures can be connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator.

Solder a 120 Ω resistor between Signal (-) and Signal (+) into a 3-pin (5-pin) XLR-plug and plug it in the DMX-output of the last fixture.

9-Control menu



- [\longleftarrow] used to move back to the previous screen
- [\uparrow] used to move up on the previous page.
- [\downarrow] used to move down on the next page.
- [ENTER] used to save adjusted values, to leave menu or to perform desired action.

Turn on the fixture, press the MENU button to enter the menu mode, use the UP/DOWN button to find the menu, when the preset menu is displayed on the display, press the ENTER button to confirm, use the UP/DOWN button to select the submenu, press the ENTER button to save the setting or Automatically return to the previous menu. Press the MENU button to return, or wait for 30 seconds to automatically exit the menu mode.

Option	Description	
Addre	001-512	1-512 press the "OK" key to enter the editing status.
	Run Mode	DMX Sound Auto 1 Auto 2
	Channel Mode	17CH
	Invert Pan	On / Off
	Invert Tilt	On / Off
	Hall Crct	On / Off
Set	Encoder Crct	On / Off
	Signal Keep	On / Off
	Screen Saver	On / Off
	Invert Screen	Auto / On / Off
	Update slave	On / Off
	Language	EN / 中文
	Load Default	On / Off
	1.Pan	000-255
	2.Pan Fine	000-255
	3.Tilt	000-255
	4.Tilt Fine	000-255
	5.Scan Speed	000-255
	6.Dimmer	000-255
	7.Strobe	000-255
	8.Color	000-255
Manual	9.Gobo	000-255
	10.Frost	000-255
	11.Prism	000-255
	12.Prism Rot	000-255
	13.Focus	000-255
	14.Rope Strobe	000-255
	15.Effect	000-255
	16.Effect Speed	000-255
	17.Reset	000-255

	PAN	153
	TILT	160
	Color	165
	Gobo	127
	Frost Start	127
	Frost End	186
	Colorful Start	154
Calib (default value)	Colorful End	167
(uclauit value)	Prism Start	127
	Prism End	127
	Focus Start	240
	Focus End	167
	Power	255
	MIC	127
	Channel password	
	Reset Effect	
	Reset Scan	
Reset	Reset All	
	Reset Info > >	
	DMX Data > >	
	Sensor Info > >	
	Hardware :06.05.00.0	
	Software:02.07.00.0	

Channel mode:

СН	Function	BRIEF	Function
CH1	Pan	0-255	0-540°
CH2	Pan fine	0-255	16 bit
СНЗ	Tilt	0-255	0-270°
CH4	Tilt fine	0-255	16 bit
CH5	P/T speed	0-255	From fast to slow
CH6	Dimming	0-255	0-100% dimming
		0-3	Close
		4-99	Synchronized strobe
CH7	Stucks	100-149	Divide strobe
UH1	Strobe	150-199	Strobe
		200-250	random strobe
		251-255	Open
		0-1	White
		2-7	color 1
		8-13	color 2
		14-19	color 3
		20-25	color 4
		26-31	color 5
		32-37	color 6
		38-43	color 7
		44-49	color 8
		50-55	color 9
		56-61	color 10
CH8	Color	62-67	white+color 1
OHO	Coloi	68-73	Color 1+Color 2
		74-79	Color 2+Color 3
		80-85	Color 3+Color 4
		86-91	Color 4+Color 5
		86-97	Color 5+Color 6
		93-103	Color 6+Color 7
		100-109	Color 7+Color 8
		107-115	Color 8+Color 9
		114-121	Color 9+Color 10
		121-127	Color 10+white
		128-189	Rotate clockwise, from fast to slow
		190-193	Slow

O-9 White 10-12 Pattern 1 13-15 Pattern 2 16-18 Pattern 3 19-21 Pattern 4 22-24 Pattern 5 25-27 Pattern 6 28-30 Pattern 7 31-33 Pattern 9 37-39 Pattern 10 40-42 Pattern 11 43-45 Pattern 12 46-48 Pattern 13 49-51 Pattern 14 52-54 Pattern 15 55-57 Pattern 16 61-63 Pattern 17 61-63 Pattern 17 61-63 Pattern 17 61-63 Pattern 18 64-70 Pattern 2 Jitter from fast to slow Pattern 3 Jitter from fast to slow Pattern 4 Jitter from fast to slow Pattern 5 Jitter from fast to slow Pattern 6 Jitter from fast to slow Pattern 7 Jitter from fast to slow Pattern 1 Jitter from fast to slow Pat			194-255	Rotate counterclockwise, from slow to fast
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22-24 Pattern 5			16-18	Pattern 3
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37-39			31-33	Pattern 8
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A3-45			37-39	Pattern 10
A6-48			40-42	Pattern 11
A9-51			43-45	Pattern 12
S2-54 Pattern 15			46-48	Pattern 13
S5-57			49-51	Pattern 14
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Slow clockwise rotation, from slow to block 191-192 193-255 Rotate clockwise, from fast to slow Frost/ 0-127 Frost			222-223	Stop
191-192 Stop 193-255 Rotate clockwise, from fast to slow CH10 Frost/ 0-127 Frost			224-255	Rotate clockwise, slow to block
193-255 Rotate clockwise, from fast to slow CH10 Frost/ 0-127 Frost			128-190	Slow clockwise rotation, from slow to block
CH10 Frost/ 0-127 Frost			191-192	Stop
GH10			193-255	Rotate clockwise, from fast to slow
Rainbow 128-255 Rainbow	CH10	Frost/	0-127	Frost
	JIIIU	Rainbow	128-255	Rainbow
CH11 Prism 0-127 Off	CU11	Driam	0-127	Off
128-255 On	UIIII	PHSIII	128-255	On

		0-127	360 degree rotating
CH12	PrismRot	128-190	Prism Rotate slow to fast
UNIZ	PHSHIKOL	191-192	Stop
		193-255	Prism Rotate Reverse fast to slow
CH13	Focus	0-255	Linear Focus
		0-3	Off
CH14	Loop shutter	4-250	Shutter
		251-255	Off
		12-51	Macro Color
		52-55	Effect 1
CH15	Macro function	56-59	Effect 2
		252-255	Effect 50
CH16	Motor speed	0-255	Macro speed
		0-199	No function
CH17	Reset	200-205	Reset system
		206-255	No function

Maintenance and Cleaning

The following points have to be considered during the inspection:

- 1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
- 2. There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).
- 3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
- 4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

CAUTION!

Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest are gular cleaning to the lights.

1) Clean the inside and outside lens each week to avoid the weakneness of the lights due to accumulation of dust.2) Clean the fan each week.

3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth, Never use alcohol or solvents. There are no serviceable parts inside the device. Please refer to the instructions under "Installation instructions" . Should you need any spare parts, please order genuine parts from your local dealer