SHEHDS®

Stage Lighting Equipment Supplier Expert

WELCOME TO JION US

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	

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
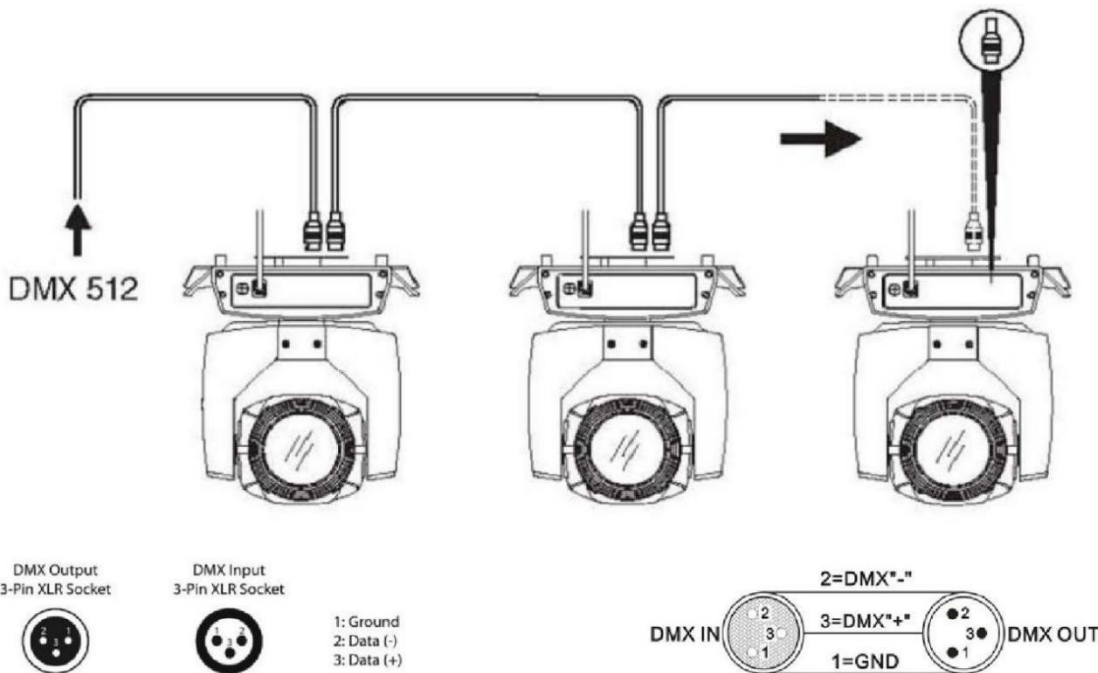**XLR mounting-sockets (rear view):**

1 - Shield
2 - Signal (-)
3 - Signal (+)

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

1 - Shield
2 - Signal (-)
3 - Signal (+)

Building a serial DMX-chain:

DMX 512

DMX Output
3-Pin XLR Socket

DMX Input
3-Pin XLR Socket

1: Ground
2: Data (-)
3: Data (+)

DMX IN

2=DMX"-"
3=DMX"+"
1=GND

DMX OUT

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

- [←] used to move back to the previous screen

- [↑] used to move up on the previous page.

- [↓] 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.
Set	Run Mode	DMX Sound Auto 1 Auto 2
	Channel Mode	17CH
	Invert Pan	On / Off
	Invert Tilt	On / Off
	Hall Crct	On / Off
	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
Manual	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
	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

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

CH	Function	BRIEF	Function
CH1	Pan	0-255	**0-540°**
CH2	Pan fine	0-255	**16 bit**
CH3	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**
CH7	Strobe	0-3	**Close**
		4-99	**Synchronized strobe**
		100-149	**Divide strobe**
		150-199	**Strobe**
		200-250	**random strobe**
		251-255	**Open**
CH8	Color	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**
		62-67	**white+color 1**
		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**

		194-255	Rotate counterclockwise, from slow to fast
CH9		0-9	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 8
		34-36	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
		58-60	Pattern 17
		61-63	Pattern 18
		64-70	Pattern 1 Jitter from fast to slow
		71-77	Pattern 2 Jitter from fast to slow
		78-84	Pattern 3 Jitter from fast to slow
		85-91	Pattern 4 Jitter from fast to slow
		92-98	Pattern 5 Jitter from fast to slow
		99-105	Pattern 6 Jitter from fast to slow
		106-112	Pattern 7 Jitter from fast to slow
		113-119	Pattern 8 Jitter from fast to slow
		120-126	Pattern 9 Jitter from fast to slow
		127-133	Pattern 10 Jitter Fast to Slow
		134-140	Pattern 11 Jitter from fast to slow
		141-147	Pattern 12 Jitter from fast to slow
		148-154	Pattern 13 Jitter from fast to slow
		155-161	Pattern 14 Jitter from fast to slow
		162-168	Pattern 15 Jitter from fast to slow
		169-175	Pattern 16 Jitter from fast to slow
		176-182	Pattern 17 Jitter from fast to slow
		183-189	Pattern 18 Jitter from fast to slow
		190-221	Rotate counterclockwise
		222-223	Stop
		224-255	Rotate clockwise, slow to block
		128-190	Slow clockwise rotation, from slow to block
		191-192	Stop
		193-255	Rotate clockwise, from fast to slow
CH10	Frost/ Rainbow	0-127	Frost
		128-255	Rainbow
CH11	Prism	0-127	Off
		128-255	On

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