

## USER'S MANUAL

### 380W BEAM MOVE HEAD LIGHT



### Product Instruction

<b>Voltage:</b> AC90V ~ 275V / 50 ~ 60Hz	<b>Bulb:</b> yodn380w 17R
<b>Control mode:</b> 20 / 24 international standard DMX512 channel	<b>Beam:</b> effect of angle change of multistage beam
<b>Color temperature:</b> 7500k	<b>Dimming:</b> 0-100% linear adjustment
<b>Bulb life:</b> 1500 hours	<b>Beam angle:</b> parallel beam angle 0° - 2.3°
<b>Color Wheel:</b> 14 colors + white light	Independent frost filter (wash effect): 8°degrees
<b>Gobo Wheel:</b> 1 rotating gobo Wheel (7 gobo+open) + 2 static gobo wheel (5 gobo+open & 14 GOBO+open)	<b>Strobe:</b> dual strobe structure, 0.5-14 times / s adjustable
<b>Prism:</b> Rotatable 8-facet circular prism and rotatable honeycomb circular prism	<b>Pan/tilt:</b> : 540 degrees / , 270 degrees automatic correction and positioning

<b>Appearance:</b> high temperature resistant plastic shell, high strength alloy cold pressed core material	<b>Scanning speed:</b> 3.0 seconds / 540 degrees in X direction, 2.0 seconds / 250 degrees in Y direction
<b>Focus:</b> linear focus	<b>Other functions:</b> remote control bulb switch, arrow fan
<b>Protection class:</b> IP20	<b>Net weight:</b> 22.45KG
<b>Lumen value parameter:</b> 20m / 186700lux 40m / 48175lux 60m / 20855lux	

## Cable connection (DMX)

**IMPORTANT:** The wires must not make contact with each other or with the metal casing of the connectors. The casing itself must be connected to the shield braid and to pin 1 of the connectors.

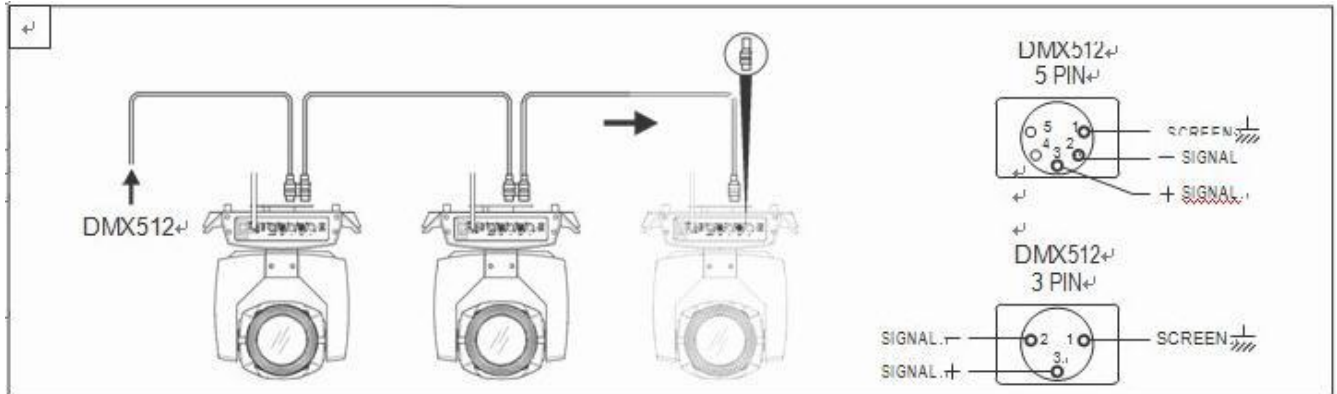


Figure 1 DMX Cable connection

## Display description

### A. software features:

- LCD 650000 color touch TFT interface, convenient operation, beautiful interface.
- The two operation modes of physical button and touch are completely independent and can be used in combination.
- All operations can be completed independently with physical keys.
- All operations can be completed by touching independently
- All operations can be completed by mixing physical keys and touch mode.

### B. high intelligence

For example: during reset, check whether hall and optocoupler are wrong and give a prompt.

### C. reset calibration (zero calibration)

X axis, Y axis, color wheel, pattern disk

Address	DMX Ctrl	✓
WorkMode	Auto Run	
Display	Sound Ctrl	
Test	M/S choose	OFF
Advance	Lamp On	OFF
Status	Channel Mode	sample
Escape		

Address	Language	中文
WorkMode	Screen saver	mode 1
Display	Screen rotation	OFF
Test	Touch Enable	ON
Advance	Touch adjust	
Status		
Escape		

Address	PAN	000
WorkMode	TILT	000
Display	FOCUS	000
Test	COLOR	000
Advance	GOBO	000
Status	PRISM	000
Escape	FROST	000
	STROBE	000

Address	PAN Inset	OFF
WorkMode	TILT Inset	OFF
Display	Rectify Enable	ON
Test	PAN Offset	008
Advance	TILT Offset	020
Status	Lamp on when pwr on	
Escape	Factory Setting	

Address	Work Mode	DMX ...
WorkMode	Address	001
Display	Version	B5R.1.1 16n
Test	Elapse	000H 04M
Advance	Tato!	00000H 04M
Status		
Escape		

Option	Description	
Run mode	DMX	receiving DMX signals from console or host
	Auto	Automatic host status: automatic operation, and send dmx signal to slave
	Sound Control	Voice control receives external sound or vibration and runs built-in program effect
DMX Address	1-512	1-512 press the "OK" key to enter the editing status. At this time, select the hundreds and press "up"
Channel mode	20/24CH	Channel 17-20 control speed (see channel table)
X Reverse	On/Off	
Y Reverse	On/Off	
XY encoding	On/Off	Turn on the encoder (optocoupler) to judge the out of step and correct the position automatically
No DMX signal	Keep	Continue to operate in the original state
	Clearing	Motor return, stop
Screen saver	On	Turn off backlight after 30 seconds idle
	Off	Bright backlight
Boot up bubble	On	When the lamp is started, the bulb will light up automatically
	Off	When starting the lamp, the bulb does not light
Restore default	Yes/No	Press OK to restore the default settings
Advanced setting		Press the "OK" key to enter the password

## Channel table

Light support 2 DMX mode: 20ch (Sample) and 24ch (extend), as shown in Table 1:

20CH	24CH	Function	BRIEF	
1.	1.	Pan	0-255	0-540°
2.	2.	Pan fine	0-255	0-2°
3.	3.	Tilt	0-255	0-270°
4.	4.	Tilt fine	0-255	0-1°
5.	5.	P/T speed	0-255	From fast to slow
6.	6.	Strobe	0-3 4-103 104-107 108-207 208-212 213-251 252-255	Turn off the light From slow to fast pulse stroboscopic Open light From slow to fast Open light From slow to fast random strobe Open light
7.	7.	Dimming	0-255	0-100% dimming
8.	8.	Color	0-149 150-203 204-255	Linear color adjustment From fast to slow forward flow From slow to fast
9.	9.	Gobo 1#	0-89 90-134 140-185 186-255	Pattern Forward flow( From fast to slow ) Reverse flow( From slow to fast) Pattern Jitter
10.	10.	Gobo 2#	0-8 9-89 90-145 146-155 156-210 211-255	L-White M-Gobo 2# 1-9 L-White Forward flow( From fast to slow ) Reverse flow( From slow to fast) Gobo 2# 1-9 Jitter slow to fast
11.	11.	Gobo 2#Rotation	0-64 65-127 128-191 192-255	Rotation Forward flow ( From slow to fast) Reverse flow( From slow to fast) Positive and negative rotation
12.	12.	Zoom	0-255	Linear Zoom
*	13.	Zoom Fine	0-255	Zoom Fine
13.	14.	Focus	0-255	Linear Focus
*	15.	Focus Fine	0-255	Focus Fine
14.	16.	Prism1	0-127 128-255	Remove prism Insert prism 1

15.	17.	Prism1 Rotation	0-64 65-127 128-191 192-255	Rotation Forward flow From fast to slow Reverse flow From slow to fast Positive and negative rotation
16.	18.	Prism2	0-127 128-255	Remove prism Insert prism 2
17.	19.	Prism2 Rotation	0-64 65-127 128-191 192-255	Rotation Forward flow From fast to slow Reverse flow From slow to fast Positive and negative rotation
18.	20.	Frost	0-127 128-255	Remove Frost Insert Frost
19.	21.	Uniform light	0-127 128-255	Remove Uniform light Insert Uniform light
*	22.	Macro function		
*	23.	Lamp	100-105 200-205	Lamp off Lamp on
	24.	Reset	250-255	Reset system
20.		Lamp/Reset	100-105 200-205 250-255	Lamp off Lamp on Reset system