

# 380 BEAM 18R MOVING HEAD



**Please read over this manual before operating the light**

# **1** SPECIFICATIONS

## **OPTICS**

- **Source: 18R bulb**
- **CT: 8500K**
- **Life: 22,00H**

## **MOVEMENT**

- **Pan movement: 540° (16 bit)**
- **Tilt movement: 270° (16 bit)**

## **COLORS AND GOBOS**

- **1 Color wheel : 8 colors + open**
- **10 fixed gobos +open+4 glass gobos**

## **FEATURES**

- **Rotating prism: 24 facet + 32 prism**
- **Focus : linear focus**
- **Dimming:1-100% linear dimming**
- **Zoom : linear motorized zoom**
- **Beam angle : 0-4°**

## **DISPLAY**

- **Touch display**

## **SOFTWARE**

- **Remote reset DMX address, fixture reset, sound control by DMX**
- **Run time of LED engine and fixture**
- **Channel modes : 18Ch (changeable )**

## **POWER**

- **A C100-240V,50/60Hz**
- **Power : 280W**

## **DIMENSIONS AND WEIGHT**

**Product Size: 523×337×511mm**

**Packing Size: 635X440X725**

**G.W: 18.9KG**



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# **2** LCD DISPLAY SCREEN



<b>DMX</b>	<b>DMX Signal indicator</b>
<b>AUDIO</b>	<b>Indicator light when the voice is triggered</b>
<b>Up</b>	<b>Up</b>
<b>Down</b>	<b>Down</b>
<b>Left</b>	<b>Left</b>
<b>Right</b>	<b>Right</b>
<b>ENTER</b>	<b>Enter</b>
<b>Left time on the left side of the screen</b>	<b>Total system usage time (display can be turned off in the standard settings)</b>
<b>Right time on the left side of the screen</b>	<b>Total power-on time (display can be turned off in the standard settings)</b>
<b>Vertical signal in the upper right corner of the screen</b>	<b>Red: No signal. White: Strong signal</b>
<b>Dot icon in the upper right corner of the screen</b>	<b>Green : Normal</b>
	<b>Red: Mistake</b>

## Menu details

<b>Reverse</b>	<b>Display screen reverse</b>
<b>Exit</b>	<b>Back to display screen</b>
<b>Language</b>	<b>Chinese or English</b>
<b>Standard</b>	<b>Address and function</b>
<b>Advanced</b>	<b>Parameter settings</b>
<b>Info</b>	<b>Error, software version and etc.</b>
<b>Program</b>	<b>Control manually or program</b>
<b>Perform</b>	<b>Auto, sound , running built-in program or user program</b>
<b>Reset</b>	<b>Reset</b>

## 3 DMX CHANNELS

### *18 Channel Data Sheet*

<b>Chs</b>	<b>Function</b>	<b>Value</b>	<b>effect</b>
<b>1</b>	<b>color</b>	<b>000-006</b>	<b>open</b>
		<b>007-013</b>	<b>open+color 1</b>
		<b>014-020</b>	<b>color1</b>
		<b>021-027</b>	<b>color1+color2</b>
		<b>028-034</b>	<b>color2</b>
		<b>035-041</b>	<b>color2+color3</b>
		<b>042-048</b>	<b>color3</b>
		<b>049-055</b>	<b>color3+color4</b>
		<b>056-062</b>	<b>color4</b>
		<b>063.-069</b>	<b>color4+color5</b>
		<b>070-076</b>	<b>Color 5</b>
		<b>077-083</b>	<b>Color 5+color 6</b>
		<b>084-090</b>	<b>Color 6</b>
		<b>091-097</b>	<b>Color 6+color 7</b>
<b>098-104</b>	<b>Color 7</b>		

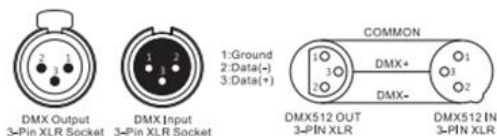
		<b>105-111</b> <b>112-118</b> <b>119-127</b> <b>128-191</b> <b>192-255</b>	<b>Color 7+color 8</b> <b>Color 8</b> <b>Color 8+open</b> <b>Rainbow effect forward slow - fast</b> <b>Rainbow effect reverse slow - fast</b>
<b>2</b>	<b>strobe</b>	<b>000-003</b> <b>004-103</b> <b>104-107</b> <b>108-207</b> <b>208-212</b> <b>213-251</b> <b>252-255</b>	<b>off</b> <b>strobe slow--fast</b> <b>open</b> <b>Pulsive strobe slow - fast</b> <b>open</b> <b>Random strobe slow - fast</b> <b>open</b>
<b>3</b>	<b>dimmer</b>	<b>000-255</b>	<b>off--on</b>
<b>4</b>	<b>gobos</b>	<b>000-004</b> <b>005-009</b> <b>010-014</b> <b>015-019</b> <b>020-024</b> <b>025-029</b> <b>030-034</b> <b>035-039</b> <b>040-044</b> <b>045-049</b> <b>050-054</b> <b>055-059</b> <b>060-064</b> <b>065-069</b> <b>070-074</b> <b>075-079</b> <b>080-084</b> <b>085-089</b> <b>090-094</b> <b>095-099</b>	<b>gobo1</b> <b>gobo2</b> <b>gobo3</b> <b>gobo4</b> <b>gobo5</b> <b>gobo6</b> <b>gobo7</b> <b>gobo8</b> <b>gobo9</b> <b>gobo10</b> <b>gobo11</b> <b>gobo12</b> <b>gobo13</b> <b>gobo14</b> <b>gobo1+shaking (slow-fast)</b> <b>gobo2+shaking (slow-fast)</b> <b>gobo3+shaking (slow-fast)</b> <b>gobo4+shaking (slow-fast)</b> <b>gobo5+shaking (slow-fast)</b> <b>gobo6+shaking (slow-fast)</b>

		<b>100-104</b> <b>105-109</b> <b>110-114</b> <b>115-119</b> <b>120-124</b> <b>125-129</b> <b>130-134</b> <b>135-139</b> <b>140-200</b> <b>201-255</b>	<b>gobo7+shaking (slow-fast)</b> <b>gobo8+shaking(slow-fast)</b> <b>gobo9+shaking (slow-fast)</b> <b>gobo10+shaking (slow-fast)</b> <b>gobo11+shaking (slow-fast)</b> <b>gobo12+shaking (slow-fast)</b> <b>shaking13+shaking (slow-fast)</b> <b>gobo14+shaking (slow-fast)</b> <b>Rainbow flow reverse (fast-slow)</b> <b>Rainbow flow forward (slow-fast)</b>
<b>5</b>	<b>Prism 1</b>	<b>000-127</b> <b>128-255</b>	<b>invalid</b> <b>Prism 1</b>
<b>6</b> <b>6</b>	<b>Prism 1 rotating</b>	<b>000-127</b> <b>128-191</b> <b>192-255</b>	<b>angle</b> <b>forward fast - slow</b> <b>reverse slow - fast</b>
<b>7</b>	<b>CTO</b>	<b>000-255</b>	<b>CTO</b>
<b>8</b>	<b>frost</b>	<b>000-255</b>	<b>invalid - frost</b>
<b>9</b>	<b>focus</b>	<b>000-255</b>	<b>near - far</b>
<b>10</b>	<b>pan</b>	<b>000-255</b>	<b>0 - 450°</b>
<b>11</b>	<b>Pan fine</b>	<b>000-255</b>	<b>0 - 2.1°</b>
<b>12</b>	<b>tilt</b>	<b>000-255</b>	<b>0 - 270°</b>
<b>13</b>	<b>Tilt fine</b>	<b>000-255</b>	<b>0 - 1.0°</b>
<b>14</b>	<b>Pan tilt speed</b>	<b>000-255</b>	<b>fast - slow</b>
<b>15</b>	<b>invalid</b>		
<b>16</b>	<b>Bulb control&amp;reset</b>	<b>000-099</b> <b>100-105</b> <b>106-149</b> <b>150-155</b> <b>156-199</b> <b>200-205</b> <b>206-254</b> <b>255-255</b>	<b>invalid</b> <b>Delay off</b>  <b>Half power open(if open)</b>  <b>Delay on</b> <b>Reset after seconds</b>

<b>17</b>	<b>Prism 2</b>	<b>000-127 128-255</b>	<b>Invalid prism 2</b>
<b>18</b>	<b>Prism 2 rotating</b>	<b>000-127 128-191 192-255</b>	<b>angle forward fast - slow reverse slow - fast</b>

#### **4 DMX-512 CONTROL CONNECTIONS**

**Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple moving head together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below. :**



#### **5 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 a regular 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 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.**