

# TAMBORA -6

## USER MANUAL

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**Thank you for choosing to use our 6 moving head beams, in order to use this product correctly and safely, please read the manual carefully before installing and using this product. This instruction manual contains important installation and application information, so please follow the instructions when installing and operating the product. Also, please keep this manual safe.**

**Our 6 moving head beams use a new and beautiful high-temperature resistant metal body. This product is designed and produced in strict accordance with CE standards, in line with the international standard DMX512 signal protocol, can be used alone control, can also be used online, with fast rotation, low noise, powerful features, suitable for small and medium-sized concerts, theaters, studios, nightclubs and bars and other places,**

**This product uses high-brightness and stable LED four-in-one lamp beads. Please unpack carefully, check this product for damage during transportation after the package is removed, and check whether the following are complete.**

- |  |                                  |
|--|----------------------------------|
| <b>1 set 6 moving head dyeing lamp</b> | <b>1 book Instruction manual</b> |
| <b>1 power cord</b>                    | <b>1 signal cable</b>            |

**This product is in good condition before leaving the factory. In order to maintain the integrity of this product and ensure safe operation, users should follow the safety precautions and the warnings in this manual.**

**Important: Damage caused by not following this instruction manual is not covered by the warranty. The supplier is not responsible for product problems arising therefrom.**

**If the product has been exposed to extreme unstable temperatures (e.g. after shipping), do not connect the product immediately to the power supply, as water droplets due to temperature changes may damage the product. Please return the product to normal temperature before use.**

**This product can be used in the voltage range of 90-240V and is used indoors. Please make sure that the voltage used is not higher than the range that the product can withstand!! The power plug must be plugged into a protective Class I socket. Green or tea-cyan conductors must be grounded.**

### Connection of DMX512 signals

This lamp uses DMX512 signal control mode, each lamp control signal is in parallel, when connecting multiple lamp signals, it is best to use double-core shielded cable. When connecting, each lamp is connected through the DMX signal jack (XLR holder) INPUT (input) and OUTPUT (output) on the luminaire, and the 3-pin XLR plug terminal of the signal line connected to the luminaire must correspond to each other, and it is recommended to use DMX signal terminator when connecting the lamp signal. To avoid destroying the control signal due to electrical noise, DMX signal terminator is an XLR plug with a 120 ohm 1W resistor between pins 2 and 3 and connected to the OUTPUT jack of the last luminaire.

#### Luminaire start address code calculation method:

The starting address code of the current luminaire is equal to (the starting address code of the previous luminaire) + (the number of channels of the luminaire) Description:

1: The starting address code value of the first lamp is A001.

2: The basic number of channels of the controller should be greater than or equal to the total number of channels used by the luminaire.

3: Note: When using any controller, each lamp should have its own start address code, if the starting address code of the first lamp is set to A001, the number of lamp channel passes is 13CH; Then the starting address code of the second lamp is set to A014; The starting address code of the third lamp is set to A027; And so on, (this setting method also needs to be determined according to different consoles)

#### Luminaire parameters

Power supply: AC90-AC240 50-60HZ

Number of lamp beads: 6pcs 40w high brightness 4-in-1 lamp beads

Light source life: 20,000 hours on average

Dimming: 0-100% linear dimming

Maximum power: 500W

Strobe: 1-25 times/sec

Zoom angle: 5-45 degrees

Focus system: independent single-point single-control control can be segmented

Y-axis angle: 220 degrees

Control signal: DMX512, master-slave, voice-activated or self-propelled

Control channel: 13/30 two DMX channel modes

Product size: 51\*32\*10cm

Carton packing size (one pack one): 58\*37\*18cm

Net weight: 9KG

Gross weight: 11.2KG

#### Channel table

##### 13CH

passage	name	numeric value	description
CH1	Y-axis	0-255	0-270 degrees
CH2	Y-axis fine-tuning	0-255	0-1 degrees
CH3	Focusing	0-255	From far to near
CH4	Y-axis speed	0-255	From fast to slow
CH5	Dimming	0-255	0-100% dimming
CH6	Strobe	0-3	Turn on the light
		4-255	Synchronous strobe from slow to fast

<b>CH7</b>	<b>Red dimming</b>	<b>0-255</b>	<b>0-100% red dimming</b>
<b>CH8</b>	<b>Green dimming</b>	<b>0-255</b>	<b>0-100% green dimming</b>
<b>CH9</b>	<b>Blue dimming</b>	<b>0-255</b>	<b>0-100% blue dimming</b>
<b>CH10</b>	<b>White dimming</b>	<b>0-255</b>	<b>0-100% white dimming</b>
<b>CH11</b>	<b>effect</b>	<b>0-4</b>	<b>void</b>
		<b>5-9</b>	<b>Effect 1</b>
		<b>10-14</b>	<b>Effect 2</b>
		<b>...</b>	<b>...</b>
		<b>240-244</b>	<b>Effect 48</b>
		<b>245-249</b>	<b>Effect 49</b>
		<b>250-255</b>	<b>Effect 50</b>
<b>CH12</b>	<b>velocity</b>	<b>0-63</b>	<b>Static</b>
		<b>64-159</b>	<b>Forward running speed from fast to slow</b>
		<b>160-255</b>	<b>Run in the opposite direction from slow to fast</b>
<b>CH13</b>	<b>reposition</b>	<b>0-239</b>	<b>void</b>
		<b>240-255</b>	<b>Reset all</b>

### 30CH

<b>passage</b>	<b>name</b>	<b>numeric value</b>	<b>description</b>
<b>CH1</b>	<b>Y-axis</b>	<b>0-255</b>	<b>0-270 degrees</b>
<b>CH2</b>	<b>Y-axis fine-tuning</b>	<b>0-255</b>	<b>0-1 degrees</b>
<b>CH3</b>	<b>Y-axis speed</b>	<b>0-255</b>	<b>From fast to slow</b>
<b>CH4</b>	<b>Focusing</b>	<b>0-255</b>	<b>From far to near</b>
<b>CH5</b>	<b>Dimming</b>	<b>0-255</b>	<b>0-100% dimming</b>
<b>CH6</b>	<b>Strobe</b>	<b>0-3</b>	<b>Turn on the light</b>
		<b>4-255</b>	<b>Synchronous strobe from slow to fast</b>
<b>CH7</b>	<b>LED1-R</b>	<b>0-255</b>	<b>LED1 red dimming from dark to light</b>
<b>CH8</b>	<b>LED1-G</b>	<b>0-255</b>	<b>LED1 green dimming from dark to light</b>
<b>CH9</b>	<b>LED1-B</b>	<b>0-255</b>	<b>LED1 blue dimming from dark to light</b>
<b>CH10</b>	<b>LED1-W</b>	<b>0-255</b>	<b>LED1 white dimming from dark to light</b>
<b>CH11</b>	<b>LED2-R</b>	<b>0-255</b>	<b>LED2 red dimming from dark to light</b>
<b>CH12</b>	<b>LED2-G</b>	<b>0-255</b>	<b>LED2 green dimming from dark to light</b>
<b>CH13</b>	<b>LED2-B</b>	<b>0-255</b>	<b>LED2 blue dimming from dark to light</b>
<b>CH14</b>	<b>LED2-W</b>	<b>0-255</b>	<b>LED2 white dimming from dark to light</b>

<b>CH15</b>	<b>LED3-R</b>	<b>0-255</b>	<b>LED3 red dimming from dark to light</b>
<b>CH16</b>	<b>LED3-G</b>	<b>0-255</b>	<b>LED3 green dimming from dark to light</b>
<b>CH17</b>	<b>LED3-B</b>	<b>0-255</b>	<b>LED3 blue dimming from dark to light</b>
<b>CH18</b>	<b>LED3-W</b>	<b>0-255</b>	<b>LED3 white dimming from dark to bright</b>
<b>CH19</b>	<b>LED4-R</b>	<b>0-255</b>	<b>LED4 red dimming from dark to light</b>
<b>CH20</b>	<b>LED4-G</b>	<b>0-255</b>	<b>LED4 green dimming from dark to light</b>
<b>CH21</b>	<b>LED4-B</b>	<b>0-255</b>	<b>LED4 blue dimming from dark to light</b>
<b>CH22</b>	<b>LED4-W</b>	<b>0-255</b>	<b>LED4 white dimming from dark to light</b>
<b>CH23</b>	<b>LED5-R</b>	<b>0-255</b>	<b>LED5 red dimming from dark to light</b>
<b>CH24</b>	<b>LED5-G</b>	<b>0-255</b>	<b>LED5 green dimming from dark to light</b>
<b>CH25</b>	<b>LED5-B</b>	<b>0-255</b>	<b>LED5 blue dimming from dark to light</b>
<b>CH26</b>	<b>LED5-W</b>	<b>0-255</b>	<b>LED5 white dimming from dark to light</b>
<b>CH27</b>	<b>LED6-R</b>	<b>0-255</b>	<b>LED6 red dimming from dark to light</b>
<b>CH28</b>	<b>LED6-G</b>	<b>0-255</b>	<b>LED6 green dimming from dark to light</b>
<b>CH29</b>	<b>LED6-B</b>	<b>0-255</b>	<b>LED6 blue dimming from dark to light</b>
<b>CH30</b>	<b>LED6-W</b>	<b>0-255</b>	<b>LED6 white dimming from dark to light</b>