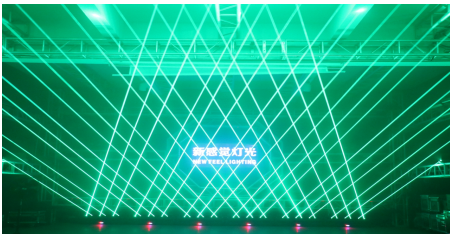
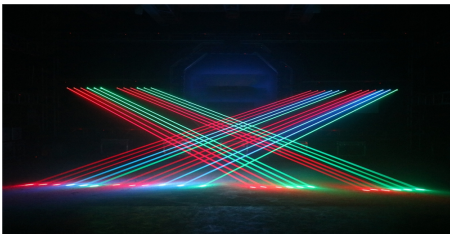


# ZW Series 6 Moving Head Laser Bar User Manual



Thank you for using the RGB animation laser projector. For the sake of safety and better operation of this projector, please read this manual carefully before use and operation, lest incur any personal injury or damage to the projector

● **Technical Parameters:**

<b>page</b>	Rated Voltage	AC110V /240V ±10 % /50Hz ~ 60Hz
<b>1</b>	<b>Input voltage</b>	120W
<b>2</b>	<b>Laser power</b>	G: 60-80mw, 515nm, R: 100-500mw, 638nm B: 200-800mw, 450nm
<b>3</b>	<b>Laser color</b>	Seven color
<b>4</b>	<b>Working environment</b>	indoor
<b>5</b>	<b>Control mode</b>	DMX512、automatic,sound
<b>6</b>	<b>channel</b>	11/26/38CH

● **MUNU SETTING:**

<b>DMX Address</b>	A001---A512
<b>Channel Mode</b>	11CH,26CH,38CH
<b>Show Mode</b>	SOUND /AUTO mode selection
<b>Slave Mode</b>	MASTER/ SLAVE mode selection
<b>Black Out</b>	YES, NO standby mode
<b>Sound State</b>	ON/ OFF
<b>Sound Sense</b>	Sound sensitivity selection(0 is off, 100is the most sensitive)
<b>Pan Inverse</b>	YES/NO horizontal reverse select
<b>Tilt1 Inverse</b>	YES/ NO vertical reverse select
<b>Tilt2 Inverse</b>	YES/ NO vertical reverse select
<b>Tilt3 Inverse</b>	YES/NO vertical reverse select
<b>Tilt4 Inverse</b>	YES/ NO vertical reverse select
<b>Tilt5 Inverse</b>	YES/ NO vertical reverse select
<b>Tilt6 Inverse</b>	YES/ NO vertical reverse select
<b>Back Light</b>	ON/OFF background light
<b>Auto Test</b>	Automatic testing
<b>Firmware Version</b>	V104 software version number
<b>Defaults</b>	YES, NO factory reset option
<b>System Reset</b>	YES/NO reset

● **Channel mode :**

**11CH,26CH,38CH**

## 11CH

channel	function	value	
<b>CH1</b>	X motor route:	0---255	0°-----360°located
<b>CH2</b>	X motor speed:	0---255	Speed from slow to fast
<b>CH3</b>	Y1---Y6 motor route:		0 No function
		1---255	0°-----360°located
<b>CH4</b>	Y motor speed:	0---255	Speed from slow to fast
<b>CH5</b>	Automatic running:	0---55	No function
		56---80	Auto effect 1 (XY can't be control)
		81---105	Auto effect 2 (XY can't be control)
		106---130	Auto effect3 (XY can't be control)
		131---155	Auto effect4 (XY can't be control)
		156---180	Auto effect5 (XY can't be control )
		181---205	Sound mode(XY can't be control)
		206---230	Auto effect6 (XY can't be control)
231---255	Sound (XY can't be control)		
<b>CH6</b>	Auto speed:	0---255	Automatic speed and sound sensitive
<b>CH7</b>	laser dimming:	0---255	0---100% total dimming
<b>CH8</b>	strobe:	0---9	no
		10---255	From slow to fast
<b>CH9</b>	Laser Effect:	0---15	No function
		16---27	Effect 1
		28---39	Effect 2
		40---51	Effect3
		52---63	Effect4
		64---75	Effect5
		76---87	Effect6
		88---99	Effect7
		100---111	Effect8
		112---123	Effect9
		124---135	Effect10
		136---147	Effect11
		148---159	Effect12
		160---171	Effect13
		172---183	Effect14
		184---195	Effect15
		196---207	Effect16
208---219	Effect17		
220---231	Effect18		
232---243	Effect19		

		244---255	Effect20
<b>CH10</b>	Laser effect speed:	0---255	Automatic from fast to slow
<b>CH11</b>	reset:	0---249	No function
		250---255	Reset in 5second

## 26CH

channel	function	Value	
<b>CH1</b>	X motor route:	0---255	0°-----360°located
<b>CH2</b>	X motor speed:	0---255	Speed from fast to slow
<b>CH3</b>	Y1 motor route:	0---255	0°-----360°located
<b>CH4</b>	Y2 motor route:	0---255	0°-----360°located
<b>CH5</b>	Y3 motor route:	0---255	0°-----360°located
<b>CH6</b>	Y4 motor route:	0---255	0°-----360°located
<b>CH7</b>	Y5 motor route:	0---255	0°-----360°located
<b>CH8</b>	Y6 motor route:	0---255	0°-----360°located
<b>CH9</b>	Y1---Y6 motor route:	0	No function
		1---255	0°-----360°located
<b>CH10</b>	Y motor speed:	0---255	Speed from fast to slow
<b>CH11</b>	Automatic :	0---55	No function
		56---80	Auto effect 1 (XY can't be control)
		81---105	Auto effect 2 (XY can't be control)
		106---130	Auto effect 3 (XY can't be control)
		131---155	Auto effect 4 (XY can't be control)
		156---180	Auto effect 5 (XY can't be control)
		181---205	Sound (XY can't be control)
		206---230	Auto effect 6(XY can't be control)
231---255	Sound (XY can't be control)		
<b>CH12</b>	Automatic speed :	0---255	Automatic speed and sound sensitive
<b>CH13</b>	Laser dimming:	0---255	0---100% total dimming
<b>CH14</b>	strobe:	0---9	No strobe
		10---255	From slow to fast
<b>CH15</b>	Red 1--6dimming:	1---255	1---100% dimming
<b>CH16</b>	Green 1--6 dimming:	1---255	1---100% dimming
<b>CH17</b>	Blue 1--6dimming:	1---255	1---100% dimming
<b>CH18</b>	group 1 RGB:	0---31	off
		32---63	red
		64---95	green
		96---127	blue
		128---159	yellow
		160---191	purple
		192---223	cyan

		224---255	All on
<b>CH19</b>	group2 RGB:	0---31	off
		32---63	red
		64---95	green
		96---127	blue
		128---159	yellow
		160---191	purple
		192---223	cyan
		224---255	All on
<b>CH20</b>	Group 3 RGB:	0---31	off
		32---63	red
		64---95	green
		96---127	blue
		128---159	yellow
		160---191	purple
		192---223	cyan
		224---255	All on
<b>CH21</b>	Group 4 RGB:	0---31	off
		32---63	red
		64---95	green
		96---127	blue
		128---159	yellow
		160---191	purple
		192---223	cyan
		224---255	All on
<b>CH22</b>	Group 5 RGB laser:	0---31	off
		32---63	red
		64---95	green
		96---127	blue
		128---159	yellow
		160---191	purple
		192---223	cyan
		224---255	all on
<b>CH23</b>	Group 6 RGB:	0---31	off
		32---63	red
		64---95	green
		96---127	blue
		128---159	yellow
		160---191	purple
		192---223	cyan
		224---255	All on
<b>CH24</b>	Laser effect:	0---15	No function

		16---27	effect1
		28---39	effect2
		40---51	effect3
		52---63	effect4
		64---75	effect5
		76---87	effect6
		88---99	effect7
		100---111	effect8
		112---123	effect9
		124---135	effect10
		136---147	effect11
		148---159	effect12
		160---171	effect13
		172---183	effect14
		184---195	effect15
		196---207	effect16
		208---219	effect17
		220---231	effect18
		232---243	effect19
		244---255	effect20
<b>CH25</b>	Laser effect speed:	0---255	Automatic from fast to slow
<b>CH26</b>	reset:	0---249	No function
		250---255	Reset in 5second

### 38CH

Channel	function	value	
<b>CH1</b>	X motor route:	0---255	0°-----360°located
<b>CH2</b>	X motor speed:	0---255	Speed from fast to slow
<b>CH3</b>	Y1motor route:	0---255	0°-----360°located
<b>CH4</b>	Y2 motor route:	0---255	0°-----360°located
<b>CH5</b>	Y3 motor route:	0---255	0°-----360°located
<b>CH6</b>	Y4motor route:	0---255	0°-----360°located
<b>CH7</b>	Y5motor route:	0---255	0°-----360°located
<b>CH8</b>	Y6motor route:	0---255	0°-----360°located
<b>CH9</b>	Y1---Y6motor route:	0	No function
		1---255	0°-----360°located
<b>CH10</b>	Y motor speed:	0---255	Speed from fast to slow
<b>CH11</b>	automatic:	0---55	No function
		56---80	Automatic effect 1(XY can't be control)
		81---105	Auto effect 2 (XY can't be control)
		106---130	Auto effect 3 (XY can't be control)

		131---155	Auto effect 4 (XY can't be control)
		156---180	Auto effect 5 (XY can't be control)
		181---205	Sound (XY can't be control)
		206---230	Automatic effect 6(XY can't be control)
		231---255	Sound (XY can't be control)
<b>CH12</b>	Automatic mode:	0---255	Automatic speed and sound sensitive
<b>CH13</b>	Laser dimming:	0---255	0---100% total dimming
<b>CH14</b>	strobe:	0---9	No strobe
		10---255	Speed from slow to fast
<b>CH15</b>	Red 1--6 dimming:	1---255	1---100% dimming
<b>CH16</b>	grees1--6dimming:	1---255	1---100% dimming
<b>CH17</b>	Blue 1--6dimming:	1---255	1---100% dimming
<b>CH18</b>	Group 1 red laser:	0---255	0---100% dimming
<b>CH19</b>	Group 1 green laser:	0---255	0---100% dimming
<b>CH20</b>	Group 1 blue laser:	0---255	0---100% dimming
<b>CH21</b>	Group 2 red laser:	0---255	0---100% dimming
<b>CH22</b>	Group 2 green laser:	0---255	0---100% dimming
<b>CH23</b>	Group 2 blue laser:	0---255	0---100% dimming
<b>CH24</b>	Group 3 red laser:	0---255	0---100% dimming
<b>CH25</b>	Group 3 green laser:	0---255	0---100% dimming
<b>CH26</b>	Group 3 blue laser:	0---255	0---100% dimming
<b>CH27</b>	Group 4 red laser:	0---255	0---100% dimming
<b>CH28</b>	Group 4 green laser:	0---255	0---100% dimming
<b>CH29</b>	Group 4 blue laser:	0---255	0---100% dimming
<b>CH30</b>	Group 5 red laser:	0---255	0---100% dimming
<b>CH31</b>	Group 5 green laser:	0---255	0---100% dimming
<b>CH32</b>	Group 5 blue laser:	0---255	0---100% dimming
<b>CH33</b>	Group 6 red laser:	0---255	0---100% dimming
<b>CH34</b>	Group 6 green laser:	0---255	0---100% dimming
<b>CH35</b>	Group 6 blue laser:	0---255	0---100% dimming
<b>CH36</b>	Laser effect:	0---15	No function
		16---27	Effect 1
		28---39	Effect2
		40---51	Effect3
		52---63	Effect4
		64---75	Effect5
		76---87	Effect6
		88---99	Effect7
		100---111	Effect8
		112---123	Effect9

		124---135	Effect10
		136---147	Effect11
		148---159	Effect12
		160---171	Effect13
		172---183	Effect14
		184---195	Effect15
		196---207	Effect16
		208---219	Effect17
		220---231	Effect18
		232---243	Effect19
		244---255	Effect20
<b>CH37</b>	Laser effect select:	0---255	From fast to slow
<b>CH38</b>	reset:	0---249	No function
		250---255	Reset in 5second

## Motor fine tuning function operation:

Press the menu key "MENU" and enter the menu. Press the key "ENTER" for at least 3 seconds. The menu interface shows "Pan Offerset" (X-axis motor fine-tuning). Press the key to adjust the motor position within the value-127-127. Then press the key to save the fine-tuning value you set.

### • Maintenance

It is very important to keep this RGB animation laser light clean, therefore please clean Dust-proof glass monthly to keep the lights away from dust, dirt or fog juice.