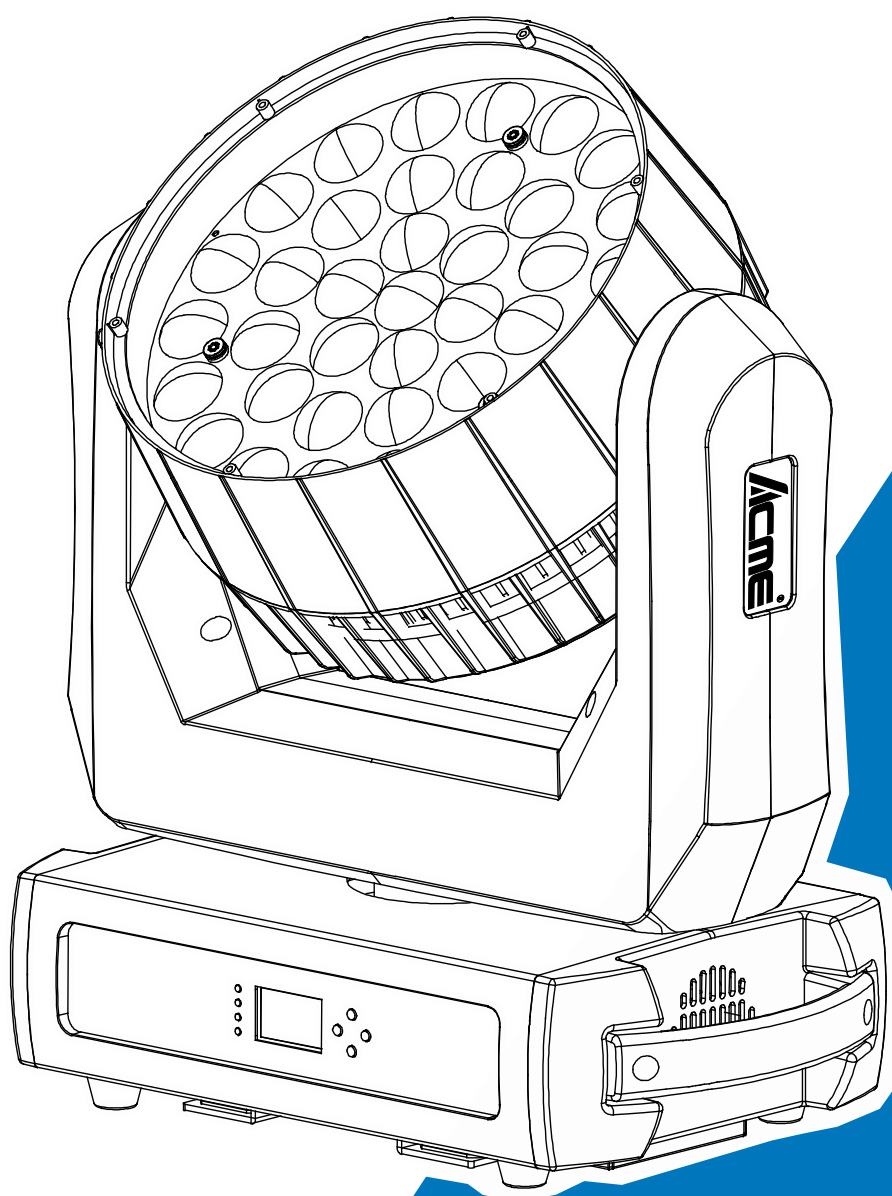


# Acme®

## PAGEANT 600Z II



## User Manual

Please read the instruction carefully before use

## 4.2 Address Setting

If you use a universal DMX controller to control the units, you have to set DMX address from 1 to 512 so that the units can receive DMX signal.

Press the MENU button to enter menu mode, select DMX Functions, press the ENTER button to confirm, use the UP/DOWN button to select DMX Address, press the ENTER button to confirm, the present address will blink on the display, use the UP/DOWN button to adjust the address from 001 to 512, press the ENTER button to store. Press the MENU button back to the last menu or let the unit idle 30 seconds to exit menu mode.

Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
14 channels	1	15	29	43
26 channels	1	27	53	79
15 channels	1	16	31	46

## 4.3 DMX512 Configuration

Please refer to below configurations to control the fixtures

### Attentions:

1. The unit will maintain the last condition until reset if you cut-off the DMX signal.
2. For the channel Function, keep the value for about 3 seconds, then the corresponding function will take into effect.

### 14 Channels Mode:

CHANNEL	VALUE	FUNCTION
1	000-255	PAN 0°→540°
2	000-255	PAN FINE
3	000-255	TILT 0°→270°

<b>4</b>	000-255	<b>TILT FINE</b>
<b>5</b>	000-255	<b>PAN/TILT SPEED</b> fast→slow
<b>6</b>	000-009 010-014 015-255	<b>SPECIAL FUNCTIONS</b> No function Reset No function
<b>7</b>	000-255	<b>DIMMER</b> 0%→100%
<b>8</b>	000-019 020-024 025-064 065-069 070-084 085-089 090-104 105-109 110-124 125-129 130-144 145-149 150-164 165-169 170-184 185-189 190-204 205-209 210-224 225-229 230-244 245-255	<b>SHUTTER</b> Blackout Open Strobe 1: fast to slow Open Strobe 2: opening pulse, fast to slow Open Strobe 3: closing pulse, fast to slow Open Strobe 4: random strobe, fast to slow Open Strobe 5: random opening pulse, fast to slow Open Strobe 6: random closing pulse, fast to slow Open Strobe 7: burst pulse, fast to slow Open Strobe 8: random burst pulse, fast to slow Open Strobe 9: sine wave, fast to slow Open Strobe 10: burst, fast to slow Open
<b>9</b>	000-255	<b>RED (0%→100%)</b>
<b>10</b>	000-255	<b>GREEN (0%→100%)</b>
<b>11</b>	000-255	<b>BLUE (0%→100%)</b>
<b>12</b>	000-255	<b>WHITE (0%→100%)</b>
<b>13</b>	000-009 010-014 015-019 020-024	<b>COLOR MACRO</b> Open LEE 790 – Moroccan Pink LEE 157 – Pink LEE 332 – Special Rose Pink

	025-029	LEE 328 – Follies Pink
	030-034	LEE 345 – Fuchsia Pink
	035-039	LEE 194 – Surprise Pink
	040-044	LEE 181 – Congo Blue
	045-049	LEE 071 – Tokyo Blue
	050-054	LEE 120 – Deep Blue
	055-059	LEE 079 – Just Blue
	060-064	LEE 132 – Medium Blue
	065-069	LEE 200 – Double CT Blue
	070-074	LEE 161 – State Blue
	075-079	LEE 201 – Full CT Blue
	080-084	LEE 202 – Half CT Blue
	085-089	LEE 117 – Steel Blue
	090-094	LEE 353 – Lighter Blue
	095-099	LEE 118 – Light Blue
	100-104	LEE 116 – Medium Blue Green
	105-109	LEE 124 – Dark Green
	110-114	LEE 139 – Primary Green
	115-119	LEE 089 – Moss Green
	120-124	LEE 122 – Fern Green
	125-129	LEE 738 – JAS Green
	130-134	LEE 088 – Lime Green
	135-139	LEE 100 – Spring Yellow
	140-144	LEE 104 – Deep Amber
	145-149	LEE 179 – Chrome Orange
	150-154	LEE 105 – Orange
	155-159	LEE 021 – Gold Amber
	160-164	LEE 778 – Millennium Gold
	165-169	LEE 135 – Deep Gold Amber
	170-174	LEE 164 – Flame Red
	175-179	Open
	180-201	Color Wheel Clockwise Rotation, fast to slow
	202-207	Stop (this will stop wherever the color is at the time)
	208-229	Color Wheel Counter-Clockwise Rotation, slow to fast
	230-234	Open
	235-239	Random Color, Fast
	240-244	Random Color, Medium
	245-249	Random Color, Slow
	250-255	Open
<b>14</b>	000-255	<b>ZOOM</b> 60°→10°

26 Channels Mode:

CHANNEL	VALUE	FUNCTION
1	000-255	<b>PAN</b> 0°→540°
2	000-255	<b>PAN FINE</b>
3	000-255	<b>TILT</b> 0°→270°
4	000-255	<b>TILT FINE</b>
5	000-255	<b>PAN/TILT SPEED</b> fast→slow
6	000-255	<b>ZOOM</b> 60°→10°
7	000-009 010-014 015-255	<b>SPECIAL FUNCTIONS</b> No function Reset No function
8	000-255	<b>DIMMER</b> 0%→100%
9	000-019 020-024 025-064 065-069 070-084 085-089 090-104 105-109 110-124 125-129 130-144 145-149 150-164 165-169 170-184 185-189 190-204 205-209 210-224 225-229 230-244 245-255	<b>SHUTTER</b> Blackout Open Strobe 1: fast to slow Open Strobe 2: opening pulse, fast to slow Open Strobe 3: closing pulse, fast to slow Open Strobe 4: random strobe, fast to slow Open Strobe 5: random opening pulse, fast to slow Open Strobe 6: random closing pulse, fast to slow Open Strobe 7: burst pulse, fast to slow Open Strobe 8: random burst pulse, fast to slow Open Strobe 9: sine wave, fast to slow Open Strobe 10: burst, fast to slow Open

<b>10</b>	000-255	<b>RING 1 RED (0%→100%)</b>
<b>11</b>	000-255	<b>RING 1 GREEN (0%→100%)</b>
<b>12</b>	000-255	<b>RING 1 BLUE (0%→100%)</b>
<b>13</b>	000-255	<b>RING 1 WHITE (0%→100%)</b>
<b>14</b>		<b>RING 1 COLOR PRESET</b>
	000-009	Open
	010-019	Color1
	020-024	Color2
	025-032	Color3
	033-039	Color4
	040-047	Color5
	048-054	Color6
	055-061	Color7
	062-069	Color8
	070-076	Color9
	077-084	Color10
	085-091	Color11
	092-099	Color12
	100-106	Color13
	107-113	Color14
	114-121	Color15
	122-128	Color16
	129-136	Color17
	137-143	Color18
	144-151	Color19
	152-158	Color20
	159-165	Color21
	166-173	Color22
174-180	Color23	
181-188	Color24	
189-195	Color25	
196-203	Color26	
204-210	Color27	
211-217	Color28	
218-225	Color29	
226-232	Color30	
233-240	Color31	
241-247	Color32	
248-255	Color33	
<b>15</b>	000-255	<b>RING 2 RED (0%→100%)</b>
<b>16</b>	000-255	<b>RING 2 GREEN (0%→100%)</b>

<b>17</b>	000-255	<b>RING 2 BLUE (0%→100%)</b>
<b>18</b>	000-255	<b>RING 2 WHITE (0%→100%)</b>
<b>19</b>	000-255	<b>RING 2 COLOR PRESET</b> (The same as CH14: RING 1 COLOR PRESET)
<b>20</b>	000-255	<b>RING 3 RED (0%→100%)</b>
<b>21</b>	000-255	<b>RING 3 GREEN (0%→100%)</b>
<b>22</b>	000-255	<b>RING 3 BLUE (0%→100%)</b>
<b>23</b>	000-255	<b>RING 3 WHITE (0%→100%)</b>
<b>24</b>	000-255	<b>RING 3 COLOR PRESET</b> (The same as CH14: RING 1 COLOR PRESET)
<b>25</b>	000-007 008-022 023-037 038-052 053-067 068-082 083-097 098-112 113-127 128-142 143-157 158-172 173-187 188-202 203-217 218-232 233-247 248-255	<b>RING COLOR MACRO</b> Blackout Macro1 Macro2 Macro3 Macro4 Macro5 Macro6 Macro7 Macro8 Macro9 Macro10 Macro11 Macro12 Macro13 Macro14 Macro15 Macro16 Macro17
<b>26</b>	000-255	<b>COLOR MACRO SPEED</b> slow→fast

15 Channels Mode:

CHANNEL	VALUE	FUNCTION
1	000-255	<b>PAN</b> 0°→540°
2	000-255	<b>PAN FINE</b>
3	000-255	<b>TILT</b> 0°→270°
4	000-255	<b>TILT FINE</b>
5	000-255	<b>PAN/TILT SPEED</b> fast→slow
6	000-009 010-014 015-255	<b>SPECIAL FUNCTIONS</b> No function Reset No function
7	000-255	<b>DIMMER</b> 0%→100%
8	000-019 020-024 025-064 065-069 070-084 085-089 090-104 105-109 110-124 125-129 130-144 145-149 150-164 165-169 170-184 185-189 190-204 205-209 210-224 225-229 230-244 245-255	<b>SHUTTER</b> Blackout Open Strobe 1: fast to slow Open Strobe 2: opening pulse, fast to slow Open Strobe 3: closing pulse, fast to slow Open Strobe 4: random strobe, fast to slow Open Strobe 5: random opening pulse, fast to slow Open Strobe 6: random closing pulse, fast to slow Open Strobe 7: burst pulse, fast to slow Open Strobe 8: random burst pulse, fast to slow Open Strobe 9: sine wave, fast to slow Open Strobe 10: burst, fast to slow Open
9	000-255	<b>RED (0%→100%)</b>
10	000-255	<b>GREEN (0%→100%)</b>



<b>11</b>	000-255	<b>BLUE (0%→100%)</b>
<b>12</b>	000-255	<b>WHITE (0%→100%)</b>
<b>13</b>	000-009 010-017 018-024 025-032 033-039 040-047 048-054 055-061 062-069 070-076 077-084 085-091 092-106 107-113 114-121 122-128 129-136 137-143 144-151 152-158 159-165 166-173 174-180 181-188 189-195 196-203 204-210 211-217 218-225 226-232 233-240 241-247 248-255	<b>Color</b> Open Color1 Color2 Color3 Color4 Color5 Color6 Color7 Color8 Color9 Color10 Color11 Color12 Color13 Color14 Color15 Color16 Color17 Color18 Color19 Color20 Color21 Color22 Color23 Color24 Color25 Color26 Color27 Color28 Color29 Color30 Color31 Color32
<b>14</b>	000-255	<b>ZOOM</b> 60°→10°
<b>15</b>	000-031 032-047 048-063 064-079	<b>Effect</b> NULL Effect1 Effect2 Effect3

	080-095	Effect4
	096-111	Effect5
	112-127	Effect6
	128-143	Effect7
	144-159	Effect8
	160-175	Effect9
	176-191	Effect10
	192-207	Effect11
	208-223	Effect12
	224-239	Effect13
	240-255	Effect14

## 5. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

### A. The unit does not work, no light and the fan does not work

1. Check the connect power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED to see if it can be light up or not.

### B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if they are linked properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check to see if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

### C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.