ACME®

THUNDERSTRUCK

Menu

1. Safety Instructions

⚠️
WARNING

> **Please read the instruction carefully which includes important information about the installation, usage and maintenance.**

- Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.

- Please unpack and check carefully there is no transportation damage before using the fixture.

- Please disconnect main power before servicing and maintenance.

- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.

- The ambient temperature is Ta: $0℃-40℃$. DO NOT operate it where above or below the range of temperature.

- DO NOT connect the device to any dimmer pack.

- The housing must be replaced if they are visibly damaged.

- Unit surface temperature may reach up to $85℃$. Don't touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

- There are no user serviceable parts inside the fixture. Do not open the housing or attempt any repairs by yourself. In the unlikely event your fixture may require service, please contact your nearest dealer.

- In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

- **Installation:**

- The unit is fully operational in three different mounting positions, hanging upside-down from a ceiling or set on a flat level surface. To avoid internal damage to the unit, never mount the unit on its side as illustrated above. Be sure this fixture is kept at least 0.5m away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.

- 1. Bolt each clamp to the Omega holder with screw and lock nut through the hole in the holder.
- 2. Faster the omega holders on the bottom of the base by inserting quick-lock fasteners into the holes of the base and tighten fully clockwise.
- 3. Hang the fixture to the support through clamp and faster the screws, Faster the safety cable through the bottom of the base and over the support.

2. Technical Specifications

- 13 channel Modes;
- Ideal for discotheques, clubs, bars, parties, Mobile DJs, etc.

- **Input Voltage:**   AC 100~240V, 50/60Hz
- **Total Power consumption:**   1500W
- **Power Cord Daisy Chain:**   1Fixtuer(120V); 2 Fixtuer(220V);
- **Beam Angle:**   110°
- **IP Grade:**   IP 65
- **LED Sources:**   0.8W RGBW x 2304
- **Dimension:**   623x123x387mm
- **Weight:**   16 Kgs

623

123
217

623
557

268
387

123

115
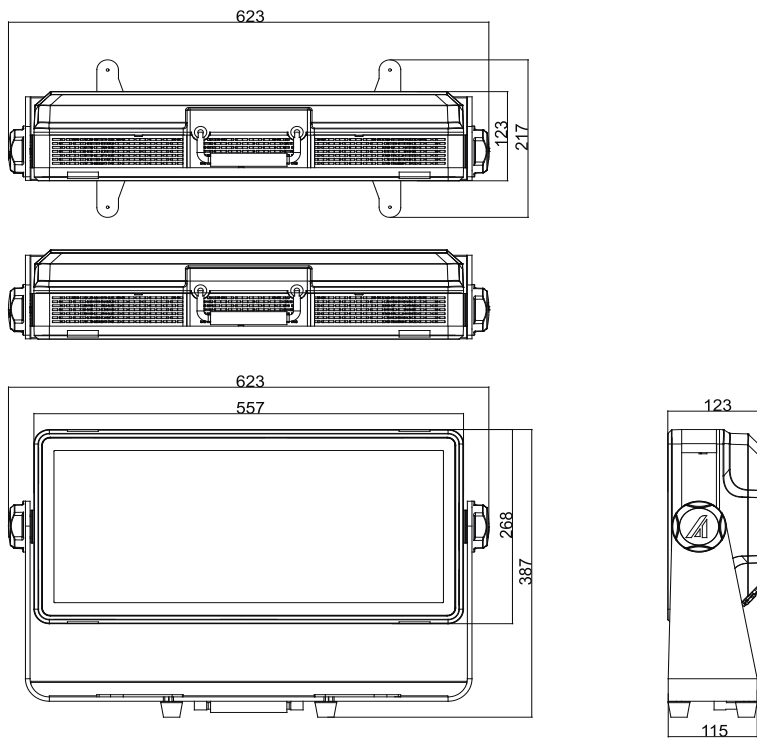
3. Installation and Connection

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it. The unit should be mounted in the height of 0 to 30m.

Method for using lamp hook and safety rope
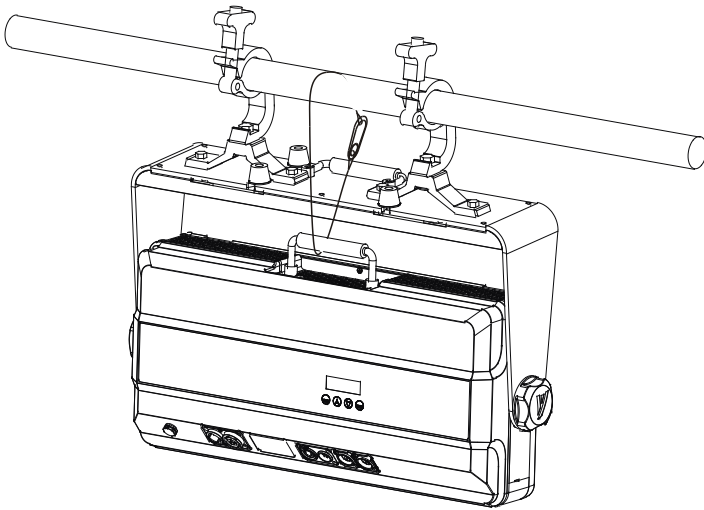
4. How to set the unit

4.1 Rear Panel

① **Display:** Show the various menus and the selected functions；
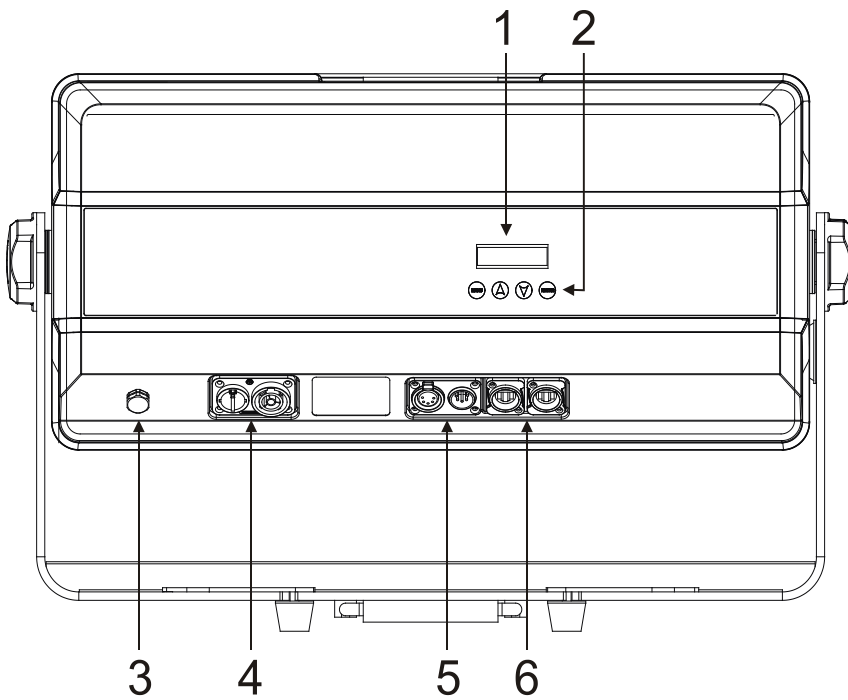
② **Button：**

| MENU | To select the programming functions |

DOWN	To go forward in the selected functions
UP	To go backward in the selected functions
ENTER	To confirm the selected functions

③**Breathable punishment**

④ **Power input/output**

For DMX512 link, use 3/5-pin XLR plug cable to input DMX signal, and to link the next unit.

⑤ **DMX input/output:**

For DMX512 link, use 3/5-pin XLR plug cable to input DMX signal, and to link the next unit.

⑥**Ethernet in/ Ethernet Thru:** For ArtNet link

4.2 Main Function

To select any functions, press **MENU** button until the required one is shown on the display. Select the

function by **ENTER** button. Use **DOWN** and **UP** button to change the mode. Once the required mode has

been selected, press **ENTER** button to setup or it will return to the main functions without any change

after idling 30 seconds automatically. Back to the functions without any change press **MENU** button.

The main functions are shown below:

MENU

DMX Setting
- DMX Address -(1 -512)
- Ethernet Setup
  - Ethernet IP
    - IP Address — (xxx.xxx.xxx.xxx)
    - Subnet Mask — (xxx.xxx.xxx.xxx)
  - Ethernet Port
    - Net — (0-127)
    - Subnet — (0-15)
    - Universe — (0-15)

Channel Mode
- 4 Channel(8 Bit)
- 8 Channel(16 bit)
- 8 Channel
- 9 Channel
- 52 Channel
- 1 Piexl
- 2V Piexl
- 2H Piexl
- 3 Piexl
- 4 Piexl
- 6V Piexl
- 6H Piexl
- 12 Piexl

DMX Last State
- Black out
- Hold

Dimmer curve
- Opticall Linear
- Square Law
- Inverse Square
- S-curve

Dimmer Speed
- Fast
- Smooth

White Balance
- All piexl
- 1 piexl
- 2 piexl
- 3 piexl
- 4 piexl
- 5 piexl
- 6 piexl
- 7 piexl
- 8 piex
- 9 piexl
- 10 piexl
- 11 piexl
- 12 piexl
  - Red — 125~255
  - Green — 125~255
  - Blue — 125~255
  - White — 125~255

Language
- English
- Chinese

Manual Test
- Red — 000~255
- Green — 000~255
- Blue — 000~255
- White — 000~255
- Intnsity — 000~255
- Durate — 000~255
- Rate — 000~255

Auto Test
Temperature
Fixture Hours
Software Version
Factory Reset
- No
- Yes

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DMX Setting

Select the **DMX Setting**, press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the DMX 512 address（001-512）or Elthernet Setup,In Elthernet Setup menu,fixture Elthernet parameter ,IP Address/Subnet Mask/Net(0-127)/Subnet(0-15)/Universe(0-15) ,Must be consistent with the value of the controller，Fixture receives the corresponding ArtNet signal control. Once the address has been selected, press the **ENTER** button to setup or exit menu mode without any change after 30 seconds automatically. Back to the previous functions without any change press the **MENU** button.

Channel Mode

Select the **Channel Mode**, press the **ENTER** button. Use the **DOWN** and **UP** button to select the Channel, there are 13 channel Modes. Once selected, press the **ENTER** button to store. Press the **MENU** button back to the last menu without any change or idling 1 minute to exit menu mode.

DMX Last State

Select the **DMX Last State**, press the **ENTER** button. Use the **DOWN** and **UP** button to select **Blackout** or **Hold** . Once selected, press the **ENTER** button to store. Press the **MENU** button back to the last menu without any change or idling 30 seconds to exit menu mode.

Dimmer curve

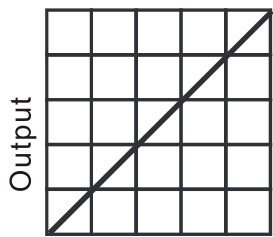Select the **Dimmer curve**, press the **ENTER** button. Use the **DOWN** and **UP** button to select the curve you need. Once selected, press the **ENTER** button to setup or exit menu mode without any change after 30 seconds. Back to the functions without any change press the **MENU** button again.
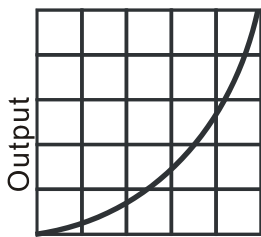
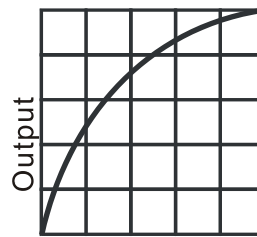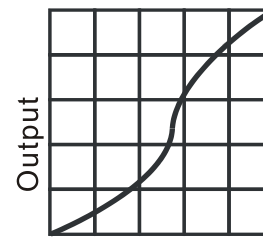| **Dimmer mode 1**	**Dimmer mode 2**	**Dimmer mode 3**	**Dimmer mode 4**

Output	Output	Output	Output
DMX%	DMX%	DMX%	DMX%
Optically Linear	**Square Law**	**Inverse-Square Law**	**S-Curve**

Mode 1(Optically Linear): The increase in light intensity appears to be linear as DMX value is increased.

Mode 2(Square Law): Light intensity control is finer at low levels and coarser at high levels.

Mode 3(Inverse Square Law): Light intensity control is coarser at low levels and finger at high levels.

Mode 4(S-cure): Light intensity control is finger at low levels and high levels and coarser at medium levels.

Dimmer Speed

Select the **Dimmer Speed**, press the **ENTER** button. Use the **DOWN** and **UP** button to select Fast or Smooth. Once selected, press the **ENTER** button to setup or exit menu mode without any change after 30 seconds. Back to the functions without any change press the **MENU** button again.

White Balance

Select the **White Balance**, press the **ENTER** button to confirm. It can be adjusted with the whole fixture, or it can be adjusted independently for each block.Use the **UP** and **DOWN** button to select **Red/Green/Blu/White,** press the **ENTER** button to store, then use the **UP** and **DOWN** button to adjust the value from (125~255), press the **ENTER** button to confirm. (DMX signal will be the first priority under Manual Mode.) Once selected, press the **ENTER** button to store. Press the **MENU** button back to the last menu without any change or idling 30 seconds to exit menu mode.

Language

Select the **Language**, press the **ENTER** button to confirm. Use the **UP** and **DOWN** button   to adjust English or Chinese .Once selected, press the **ENTER** button to store. Press the **MENU** button back to the last menu without any change or idling 30 seconds to exit menu mode.

Manual Test

Select the **Manual Mode**, press the **ENTER** button to confirm. Use the **UP** and **DOWN** button to adjust the value for **Red,Green,Blue,White, Intensity, Durate** or **Rate** from 0~255, press the **ENTER** button to confirm. (DMX signal will be the first priority under Manual Mode.) Once selected, press the **ENTER** button to store. Press the **MENU** button back to the last menu without any change or idling 30 seconds to exit menu mode.

Auto Test

Select **Auto Test**, press the **ENTER** button to confirm. The unit will test by itself automatic. Press the **MENU** button back to the last menu or idling 30 seconds to exit menu mode.

Temperature

Select **Temp.**, press the **ENTER** button to confirm. Display will show the temperature of the fixture. Press the **MENU** button back to the last menu or idling 30 seconds to exit menu mode.

Fixture Hours

Select **Fixture Hours**, press the **ENTER** button to confirm. Display will show the number of working hours of the unit. Press the **MENU** button back to the last menu or idling 30 seconds to exit menu mode.

Software Version

Select **Software Version** , press the **ENTER** button to confirm. The display will show the version of software of the unit. Press the **MENU** button back to the last menu or idling 30 seconds to exit menu mode.

Factory Reset

Select **Factory Reset**, press the **ENTER** button to confirm. Use the **UP** and **DOWN** button to adjust the **NO/Yes.** Select **Yes,** fixture will resume factory settings. Press the **MENU** button back to the last menu or idling 30 seconds to exit menu mode.

Fault report :

1、Fan.Error
Check that the fan is not running
Check the PCB board related detection circuit is damaged

2、Temp.Errot
Check that the test leads are in good contact and open
Check if the thermistor is broken
Check PCB board related circuit is damaged

RDM function table	
DMX START	0-512
MANUFAC TURER	ACME
DEVICE MODEL DESCRIPTION	THUNDERSTRUCK
DMX PERSONALITY	DMX 4/4Channel(8 bit) DMX 8/8Channel (16 bit) DMX 8/8 Channel DMX 52/52 Channel DMX12/1 Piexl DMX16/2V Piexl DMX16/2H Piexl DMX20/3 Piexl DMX24/4 Piexl DMX32/6V Piexl DMX32/6H Piexl DMX56/12 Piexl
DEVICE LABEL	THUNDERSTRUCK
IDENTIFY DEVICE	Off/On
DEVICE HOURS	
SOFTWARE	
RESET DEVICE	Warm/Cold

5. How to control the unit

1. By DMX controller；

No need to turn the unit off when you change the DMX address, as new DMX address setting will be

affected at once. Turn on the unit, under the DMX signal , the LED will display the saved channel address

（001-512）.

6. DMX512 configuration

Channel Mode：

4 CHANNEL(8 Bit)

CHANNEL	VALUE	FUNCTION	
1	0-255	(R)Strobe intensity 0 ➔100%	
2	0-255	(G)Strobe intensity 0 ➔100%	
3	0-255	(B)Strobe intensity 0 ➔100%	
4	0-255	(W)Strobe intensity 0 ➔100%	

8 CHANNEL(16 Bit)

CHANNEL	VALUE	FUNCTION
1	0-255	(R)Strobe intensity 0 ➔100%
2	0-255	(R)Dimmer fine 0 ➔100%
3	0-255	(G)Flash intensity 0 ➔100%
4	0-255	(G)Dimmer fine 0 ➔100%
5	0-255	(B)Flash intensity 0 ➔100%
6	0-255	(B)Dimmer fine 0 ➔100%
7	0-255	(W)Strobe intensity 0 ➔100%
8	0-255	(W)Dimmer fine 0 ➔100%

8 CHANNEL

CHANNEL	DMX VALUE	FUNCTION
1	0-255	(R)Strobe intensity 0 ➔100%
2	0-255	(G)Strobe intensity 0 ➔100%
3	0-255	(B)Strobe intensity 0 ➔100%
4	0-255	(W)Strobe intensity 0 ➔100%
5	0-255	(RGBW)Strobe intensity 0 ➔ 100%
6	0-255	Strobe duration 0 ➔100%
7	0-6	No flash
	7-255	Strobe rate ⚡ ⚡⚡ ⚡⚡⚡
8	0-5	No effect
	6-50	Ramp up
	51-100	Ramp down
	101-150	Ramp up-down
	151-200	Lightning
	201-255	Random

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9 CHANNEL

CHANNEL	DMX VALUE	FUNCTION
1	0-255	(R)Strobe intensity 0 →100%
2	0-255	(G)Strobe intensity 0 →100%
3	0-255	(B)Strobe intensity 0 →100%
4	0-255	(W)Strobe intensity 0 →100%
5	0-255	(RGBW)Strobe intensity 0 → 100%
6	0-5	Open
	6-127	Strobe rate ᕷ ᕷᕷ ᕷᕷᕷ
	128-130	Open
	131-136	Ramp up Slow speed
	137-146	Ramp up Intermediate speed
	147-154	Ramp up Fast speed
	155-163	Ramp down Slow speed
	164-172	Ramp down Intermediate speed
	173-181	Ramp down Fast speed
	182-190	Ramp up-down Slow speed
	191-199	Ramp up-down Intermediate speed
	200-208	Ramp up-down Fast speed
	209-217	Lightning Slow speed
	218-226	Lightning Intermediate speed
	227-235	Lightning Fast speed
	236-241	Random Slow speed
	242-247	Random Intermediate speed
	248-255	Random Fast speed
7	0-5	No effect
	6-11	Color1
	12-17	Color2
	18-23	Color3
	24-29	Color4
	30-35	Color5
	36-41	Color6
	42-47	Color7
	48-53	Color8
	54-59	Color9
	60-65	Color10
	66-71	Color11
	72-77	Color12
	78-83	Color13
	84-89	Color14
	90-95	Color15
	96-101	Color16
	102-107	Color17
	108-113	Color18
	114-119	Color19
	120-125	Color20
	126-131	Color21
	132-137	Color22
	138-143	Color23
	144-149	Color24
	150-155	Color25
	156-161	Color26
	162-167	Color27
	168-173	Color28
	174-179	Color29
	180-185	Color30
	186-191	Color31
	192-197	Color32
	198-202	Red → White whole area Slow speed
	203-207	Red → White whole area Intermediate speed
	208-211	Red → White whole area Fast speed
	212-216	Red → White ▥ 6 areas Slow speed
	217-221	Red → White ▥ 6 areas Intermediate speed
	222-225	Red → White ▥ 6 areas Fast speed
	226-230	7 colors Random whole area Slow speed
	231-235	7 colors Random whole area Intermediate speed
	236-239	7 colors Random whole area Fast speed
	240-244	7 colors Random ▥ 6 areas Slow speed
	245-249	7 colors Random ▥ 6 areas Intermediate speed
	250-255	7 colors Random ▥ 6 areas Fast speed
8	0-21	No Effect
	22-30	Effect 1
	31-39	Effect 2
	40-48	Effect 3
	49-57	Effect 4
	58-66	Effect 5
	67-75	Effect 6
	76-84	Effect 7
	85-93	Effect 8
	94-102	Effect 9
	103-111	Effect 10
	112-120	Effect 11
	121-129	Effect 12
	130-138	Effect 13
	139-147	Effect 14
	148-156	Effect 15
	157-165	Effect 16
	166-174	Effect 17
	175-183	Effect 18
	184-192	Effect 19
	193-201	Effect 20
	202-210	Effect 21
	211-219	Effect 22
	220-228	Effect 23
	229-237	Effect 24
	238-246	Effect 25
	247-255	Effect 26
9	0-127	Effect speed Slow to Fast Forward
	128-255	Effect speed Slow to Fast Reverse

52 CHANNEL
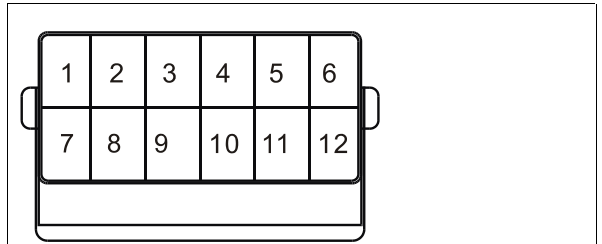
CHANNEL	DMX VALUE	FUNCTION	
1	0-255	R DIMMER 0 → 100%	1
2	0-255	G DIMMER 0 → 100%	
3	0-255	B DIMMER 0 → 100%	
4	0-255	W DIMMER 0 → 100%	
5	0-255	R DIMMER 0 → 100%	2
6	0-255	G DIMMER 0 → 100%	
7	0-255	B DIMMER 0 → 100%	
8	0-255	W DIMMER 0 → 100%	
9	0-255	R DIMMER 0 → 100%	3
10	0-255	G DIMMER 0 → 100%	
11	0-255	B DIMMER 0 → 100%	
12	0-255	W DIMMER 0 → 100%	
13	0-255	R DIMMER 0 → 100%	4
14	0-255	G DIMMER 0 → 100%	
15	0-255	B DIMMER 0 → 100%	
16	0-255	W DIMMER 0 → 100%	
17	0-255	R DIMMER 0 → 100%	5
18	0-255	G DIMMER 0 → 100%	
19	0-255	B DIMMER 0 → 100%	
20	0-255	W DIMMER 0 → 100%	
21	0-255	R DIMMER 0 → 100%	6
22	0-255	G DIMMER 0 → 100%	
23	0-255	B DIMMER 0 → 100%	
24	0-255	W DIMMER 0 → 100%	
25	0-255	R DIMMER 0 → 100%	7
26	0-255	G DIMMER 0 → 100%	
27	0-255	B DIMMER 0 → 100%	
28	0-255	W DIMMER 0 → 100%	
29	0-255	R DIMMER 0 → 100%	8
30	0-255	G DIMMER 0 → 100%	
31	0-255	B DIMMER 0 → 100%	
32	0-255	W DIMMER 0 → 100%	
33	0-255	R DIMMER 0 → 100%	9
34	0-255	G DIMMER 0 → 100%	
35	0-255	B DIMMER 0 → 100%	
36	0-255	W DIMMER 0 → 100%	
37	0-255	R DIMMER 0 → 100%	10
38	0-255	G DIMMER 0 → 100%	
39	0-255	B DIMMER 0 → 100%	
40	0-255	W DIMMER 0 → 100%	
41	0-255	R DIMMER 0 → 100%	11
42	0-255	G DIMMER 0 → 100%	
43	0-255	B DIMMER 0 → 100%	
44	0-255	W DIMMER 0 → 100%	
45	0-255	R DIMMER 0 → 100%	12
46	0-255	G DIMMER 0 → 100%	
47	0-255	B DIMMER 0 → 100%	
48	0-255	W DIMMER 0 → 100%	
49	0-255	TOTAL DIMMER 0 → 100%	
50	0-255	Strobe duration 0 →100%	
51	0-6	Black out	
	7-255	Strobe rate ᕷ ᕷᕷ ᕷᕷᕷ	
52	0-5	No effect	
	6-50	Ramp up	
	051-100	Ramp down	
	101-150	Ramp up-down	
	151-200	Lightning	
	201-255	Random	

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PIEXL DMX CHANNEL

PIXEL MODE	CHANNEL	DMX VALUE	FUNCTION	
1 pixel	1	0 - 255	Red Strobe Intensity	0 →100%
	2	0 - 255	Green Strobe Intensity	0 →100%
	3	0 - 255	Blue Strobe Intensity	0 →100%
	4	0 - 255	White Strobe Intensity	0 →100%
	5	0 - 255	Strobe Intensity	0 →100%
	6	0 - 254	0 - 650ms (50Hz AC)	Strobe Duration
		255	HYPER	
	7	0 - 5	No flash	Strobe Rate
		6 - 255	0.5 - 25Hz (50Hz AC); 0.6 - 30Hz (60Hz AC)	
	8		Strobe FX	
		0 - 5	No effect	
		6 - 42	Ramp up	
		43 - 85	Ramp down	
		86 - 128	Ramp up - down	
		129 - 171	Random	
		172 - 214	Lighting	
		215 - 240	Spikes	
		241 - 245	Burst (use Rate at full)	
		246 - 250	"Meltdown" Random Pixels w/ Solid Background	
		251 - 255	"Meltdown" Random Pixels w/ Burst Background	
	9	0 - 255	1 pix Red intensity	0 →100%
	10	0 - 255	1 pix Green intensity	0 →100%
	11	0 - 255	1 pix Blue intensity	0 →100%
	12	0 - 255	1 pix White intensity	0 →100%
2 pixel V 2 pixel H	13	0 - 255	2 pix Red intensity	0 →100%
	14	0 - 255	2 pix Green intensity	0 →100%
	15	0 - 255	2 pix Blue intensity	0 →100%
	16	0 - 255	2 pix White intensity	0 →100%
3 pixel	17	0 - 255	3 pix Red intensity	0 →100%
	18	0 - 255	3 pix Green intensity	0 →100%
	19	0 - 255	3 pix Blue intensity	0 →100%
	20	0 - 255	3 pix White intensity	0 →100%
4 pixel	21	0 - 255	4 pix Red intensity	0 →100%
	22	0 - 255	4 pix Green intensity	0 →100%
	23	0 - 255	4 pix Blue intensity	0 →100%
	24	0 - 255	4 pix White intensity	0 →100%
6 pixel V 6 pixel H	25	0 - 255	5 pix Red intensity	0 →100%
	26	0 - 255	5 pix Green intensity	0 →100%
	27	0 - 255	5 pix Blue intensity	0 →100%
	28	0 - 255	5 pix White intensity	0 →100%
	29	0 - 255	6 pix Red intensity	0 →100%
	30	0 - 255	6 pix Green intensity	0 →100%
	31	0 - 255	6 pix Blue intensity	0 →100%
	32	0 - 255	6 pix White intensity	0 →100%
12 pixel	33	0 - 255	7 pix Red intensity	0 →100%
	34	0 - 255	7 pix Green intensity	0 →100%
	35	0 - 255	7 pix Blue intensity	0 →100%
	36	0 - 255	7 pix White intensity	0 →100%
	37	0 - 255	8 pix Red intensity	0 →100%
	38	0 - 255	8 pix Green intensity	0 →100%
	39	0 - 255	8 pix Blue intensity	0 →100%
	40	0 - 255	8 pix White intensity	0 →100%
	41	0 - 255	9 pix Red intensity	0 →100%
	42	0 - 255	9 pix Green intensity	0 →100%
	43	0 - 255	9 pix Blue intensity	0 →100%
	44	0 - 255	9 pix White intensity	0 →100%
	45	0 - 255	10 pix Red intensity	0 →100%
	46	0 - 255	10 pix Green intensity	0 →100%
	47	0 - 255	10 pix Blue intensity	0 →100%
	48	0 - 255	10 pix White intensity	0 →100%
	49	0 - 255	11 pix Red intensity	0 →100%
	50	0 - 255	11 pix Green intensity	0 →100%
	51	0 - 255	11 pix Blue intensity	0 →100%
	52	0 - 255	11 pix White intensity	0 →100%
	53	0 - 255	12 pix Red intensity	0 →100%
	54	0 - 255	12 pix Green intensity	0 →100%
	55	0 - 255	12 pix Blue intensity	0 →100%
	56	0 - 255	12 pix White intensity	0 →100%

1 pixel

1

2 pixel V

1	2

2 pixel H

1
2

3 pixel

1	2	3

4 pixel

1	2
3	4

6 pixel V

1	2	3	4	5	6

6 pixel H

1	2	3
4	5	6

12 pixel

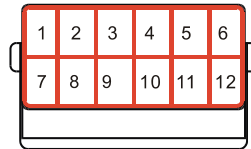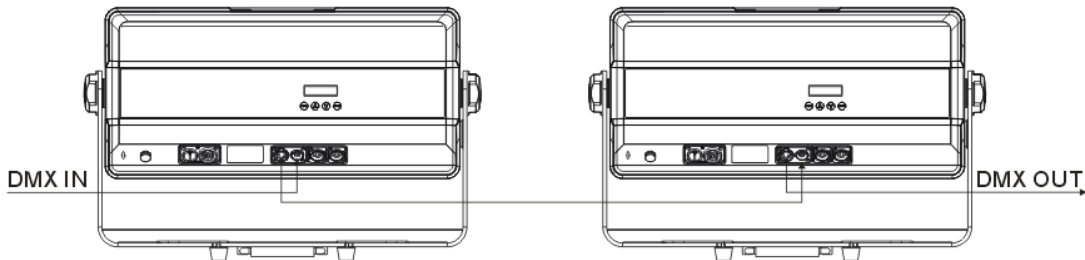| 1	2	3	4	5	6
7	8	9	10	11	12
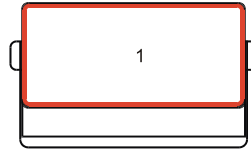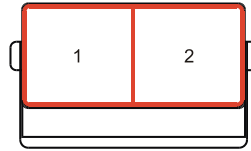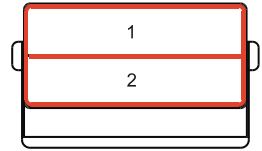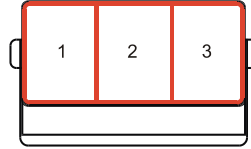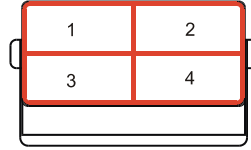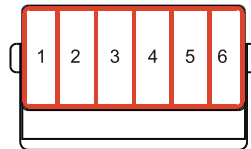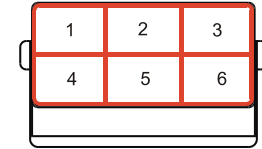
7. DMX512 Connection

Mode connection：

1. Connect the fixture together in a "daisy chain" by XLR plug cable from the output of the fixture to the input of the next fixture. The cable cannot be branched or split to a "Y" cable. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system

2. The DMX output and input connectors are pass-through to maintain the DMX circuit when one of the units' power is disconnected.

3. At last fixture, the DMX cable has to be terminated with a terminator to reduce signal errors. Solder a 120-ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

4. Each lighting fixture needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).

5. 3/5 pin XLR connectors:.

    3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

8.Troubleshooting

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

A. The fixture does not work, no light

1. Check the connection of power and main fuse.

2. Measure the mains voltage on the main connector.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link 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 fixture or the previous one.

4. Try to use another DMX controller.

5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

9. Fixture Cleaning

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

• Clean with soft cloth using normal glass cleaning fluid.

• Always dry the parts carefully.

• Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

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