

10*60w LED Zoom Bar

User Manual



This manual contains important information.
Please read before operating fixture.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 °C -40 °C , the highest temperature of the surface of the lamp: 60 °C .
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2 TECHNOLOGY REFERENCE

Input voltage range: 100-240 V, 50/60 Hz

Power consumption: 600W

LED Source: 10* 60W RGBW LED 4in1

Pixel Mapping: 10 x individual Pixel Control, Dynamic Effect Pattern

Lens: 10 x Micro Fresnel Lens

Zoom: 4°- 60°

Single pixel Zoom : 10 x individual Zoom control for each Lens separately,
Dynamic Zoom Effect Pattern

LED life : 50.000 hours

Control: DMX512, master/slave, Auto, RDM

Channel: 25/51/57/79CH

Dimmer: 0-100% linear dimmer

Strobe: Electronic strobe effect with variable speed up to 20 Hz

Pixel Pitch: Seamless

Display: LCD display with 4 buttons

IP rate: IP20

Tilt movement 185°, 16bit

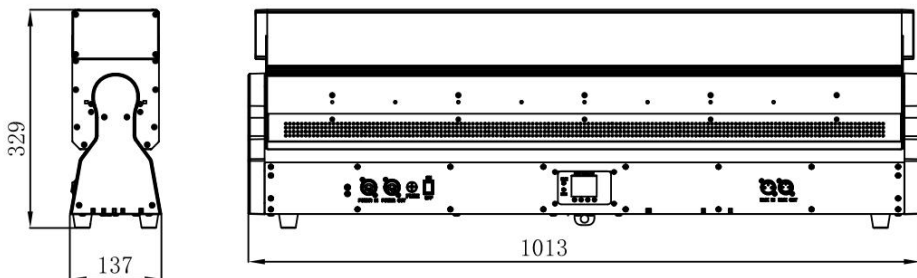
Power connector: Powercon in/out

DMX connector: XLR 3pin in/out

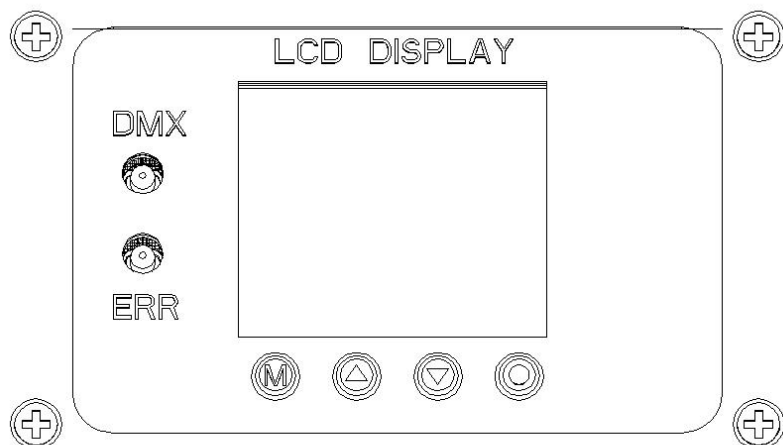
Product Dimensions: 1013x137x329mm

Net weight: 24kg

Product Dimensions(mm):



3 BOARD INSTRUCTION



ADDRESS	001-512	
RUN	DMX512	
	Auto	
	Artnet(optional)	
DMX MODE	25CH	
	51CH	
	57CH	
	79CH	
TEST	ALL	
SET	Display	Yes
		No
	Signal Keep	Yes
		No
	Slave	Yes
		No
	Tilt Reverse	Yes
		No

	English	Yes
		否
	ANet_IP	192.168.001.100
	ANet_MASK	255.255.255.000
	ANet_Gate	192.168.001.001
	ANet_Port	0000-5000
INFO	Version	V1.02
MANUAL	Red	000-255
	Green	000-255
	Blue	000-255
	White	000-255
	Tilt	000-255
	Dimm	000-255
	Zoom	000-255
RESET	Yes	
	No	

4 DMX CHANNEL SHEET

Mode1: 25CH

CH	Function	DMX Value	Description
1	Tilt Movement	0-255	Tilt Movement 0-185°
2	Tilt fine	0-255	Tilt fine
3	Dimmer	0-255	Dimmer 0-100%
4	Dimmer fine	0-255	Dimmer fine
5	Shutter	0-9	Close
		10-250	Shutter, from slow to fast
		251-255	Open

6	Reset	0-254	No function
		255	Reset
7	CTC	0-15	Off
		16-255	Cold white-Warm white
8	Virtual color wheel	0-7	Off
		8-15	Color 01-Red
		16-23	Color 02-Amber
		24-31	Color 03-Warm Yellow
		32-39	Color 04-Yellow
		40-47	Color 05-Green
		48-55	Color 06-Turquoise
		56-63	Color 07-Cyan
		64-71	Color 08-Blue
		72-79	Color 09-Lavender
		80-87	Color 10-Male
		88-95	Color 11-Magenta
		96-103	Color 12-Pink
		104-111	Color 13-White 3200K
		112-119	Color 14-White 5600K
		120-127	Color 15-White 7200K
9	Red	128-128	Stop
		129-255	Rainbow Colors crossfade slow to fast
9	Red	0-255	Red 0-100%
10	Green	0-255	Green 0-100%
11	Blue	0-255	Blue 0-100%
12	White	0-255	White 0-100%
13	Pixel FX Pattern select(11-105: Random color	0-10	No effect
		11-14	Pattern 01
		15-17	Pattern 02
		18-21	Pattern 03

	or control by CH9-CH12)	22-25	Pattern 04
		26-29	Pattern 05
		30-33	Pattern 06
		34-37	Pattern 07
		38-41	Pattern 08
		42-45	Pattern 09
		46-49	Pattern 10
		50-53	Pattern 11
		54-57	Pattern 12
		58-61	Pattern 13
		62-65	Pattern 14
		66-69	Pattern 15
		70-73	Pattern 16
		74-77	Pattern 17
		78-81	Pattern 18
		82-85	Pattern 19
		86-89	Pattern 20
		90-93	Pattern 21
		94-97	Pattern 22
		98-101	Pattern 23
		102-105	Pattern 24
		106-109	Pattern 25
		110-113	Pattern 26
		114-117	Pattern 27
		118-121	Pattern 28
		122-125	Pattern 29
		126-129	Pattern 30

		130-133	Pattern 31
		134-137	Pattern 32
		138-141	Pattern 33
		142-145	Pattern 34
		146-149	Pattern 35
		150-153	Pattern 36
		154-157	Pattern 37
		158-161	Pattern 38
		162-165	Pattern 39
		166-169	Pattern 40
		170-173	Pattern 41
		174-177	Pattern 42
		178-181	Pattern 43
		182-185	Pattern 44
		186-189	Pattern 45
		190-193	Pattern 46
		194-197	Pattern 47
		198-201	Pattern 48
		202-205	Pattern 49
		206-210	Pattern 50
		211-246	No Pattern
		247-255	Random Pixel FX Pattern
14	Pattern Movement Speed	0-127	CH13 Pattern movement speed from flow to fast(Y-axis movement)
		128-255	CH13 Pattern movement speed from flow to fast(Y-axis fixed angle)
15	Reserve	0-255	
16	Reserve	0-255	

17	Pixel FX Length	0	Off
		1--255	Pattern Length 0-10 Leds
18	Pixel FX Offset	0	Off
		1-255	Pattern Start Offset 10-0 Leds
19	Zoom	0-255	Narrow-Wide
20	Zoom FX Pattern select	0-10	No effect
		11-25	Pattern 01
		26-33	Pattern 02
		34-41	Pattern 03
		42-49	Pattern 04
		50-57	Pattern 05
		58-65	Pattern 06
		66-73	Pattern 07
		74-81	Pattern 08
		82-89	Pattern 09
		90-97	Pattern 10
		98-105	Pattern 11
		106-113	Pattern 12
		114-121	Pattern 13
		122-129	Pattern 14
		130-137	Pattern 15
		138-145	Pattern 16
		146-153	Pattern 17
		154-161	Pattern 18
		162-169	Pattern 19
		170-177	Pattern 20
		178-185	Pattern 21
		186-193	Pattern 22
		194-201	Pattern 23

		202-209	Pattern 24
		210-210	Pattern 25
		211-246	No Pattern
		247-255	Random Zoom FX Pattern
21	Zoom FX Pattern Movement Speed	0-255	CH20 Zoom FX Pattern Movement speed from slow to fast
22	Reserve	0-255	
23	Reserve	0-255	
24	Zoom Pattern FX Length	0	Off
		1--255	Zoom Pattern Length 0-10 Leds
25	Zoom Pattern FX Offset	0	Off
		1-255	Zoom Pattern Start Offset 10-0 Leds

Mode2: 51CH

CH	Function	DMX Value	Description
Layer1(Base Layer, low priority)			
1	Tilt Movement	0-255	Tilt Movement 0-185°
2	Tilt fine	0-255	Tilt fine
3	Dimmer	0-255	Dimmer 0-100%
4	Dimmer fine	0-255	Dimmer fine
5	Shutter	0-9	Close
		10-250	Shutter, from slow to fast
		251-255	Open
6	Reset	0-254	No function
		255	Reset
7	CTC	0-15	Off

		16-255	Cold white-Warm white
8	Virtual color wheel	0-7	Off
		8-15	Color 01-Red
		16-23	Color 02-Amber
		24-31	Color 03-Warm Yellow
		32-39	Color 04-Yellow
		40-47	Color 05-Green
		48-55	Color 06-Turquoise
		56-63	Color 07-Cyan
		64-71	Color 08-Blue
		72-79	Color 09-Lavender
		80-87	Color 10-Male
		88-95	Color 11-Magenta
		96-103	Color 12-Pink
		104-111	Color 13-White 3200K
		112-119	Color 14-White 5600K
		120-127	Color 15-White 7200K
		128-128	Stop
		129-255	Rainbow Colors crossfade slow to fast
9	Red	0-255	Red 0-100%
10	Green	0-255	Green 0-100%
11	Blue	0-255	Blue 0-100%
12	White	0-255	White 0-100%
13	Pixel FX Pattern select(11-105: Random color or control by CH9-CH12)	0-10	No effect
		11-14	Pattern 01
		15-17	Pattern 02
		18-21	Pattern 03
		22-25	Pattern 04
		26-29	Pattern 05
		30-33	Pattern 06

		34-37	Pattern 07
		38-41	Pattern 08
		42-45	Pattern 09
		46-49	Pattern 10
		50-53	Pattern 11
		54-57	Pattern 12
		58-61	Pattern 13
		62-65	Pattern 14
		66-69	Pattern 15
		70-73	Pattern 16
		74-77	Pattern 17
		78-81	Pattern 18
		82-85	Pattern 19
		86-89	Pattern 20
		90-93	Pattern 21
		94-97	Pattern 22
		98-101	Pattern 23
		102-105	Pattern 24
		106-109	Pattern 25
		110-113	Pattern 26
		114-117	Pattern 27
		118-121	Pattern 28
		122-125	Pattern 29
		126-129	Pattern 30
		130-133	Pattern 31
		134-137	Pattern 32
		138-141	Pattern 33

		142-145	Pattern 34
		146-149	Pattern 35
		150-153	Pattern 36
		154-157	Pattern 37
		158-161	Pattern 38
		162-165	Pattern 39
		166-169	Pattern 40
		170-173	Pattern 41
		174-177	Pattern 42
		178-181	Pattern 43
		182-185	Pattern 44
		186-189	Pattern 45
		190-193	Pattern 46
		194-197	Pattern 47
		198-201	Pattern 48
		202-205	Pattern 49
		206-210	Pattern 50
		211-246	No Pattern
		247-255	Random Pixel FX Pattern
14	Pattern Movement Speed	0-127	CH13 Pattern movement speed from flow to fast(Y-axis movement)
		128-255	CH13 Pattern movement speed from flow to fast(Y-axis fixed angle)
15	Reserve	0-255	
16	Reserve	0-255	
17	Pixel FX Length	0	Off
		1--255	Pattern Length 0-10 Leds
18	Pixel FX Offset	0	Off

		1-255	Pattern Start Offset 10-0 Leds
19	Zoom	0-255	Narrow-Wide
20	Zoom FX Pattern select	0-10	No effect
		11-25	Pattern 01
		26-33	Pattern 02
		34-41	Pattern 03
		42-49	Pattern 04
		50-57	Pattern 05
		58-65	Pattern 06
		66-73	Pattern 07
		74-81	Pattern 08
		82-89	Pattern 09
		90-97	Pattern 10
		98-105	Pattern 11
		106-113	Pattern 12
		114-121	Pattern 13
		122-129	Pattern 14
		130-137	Pattern 15
		138-145	Pattern 16
		146-153	Pattern 17
		154-161	Pattern 18
		162-169	Pattern 19
		170-177	Pattern 20
		178-185	Pattern 21
		186-193	Pattern 22
		194-201	Pattern 23
		202-209	Pattern 24
		210-210	Pattern 25
		211-246	No Pattern

		247-255	Random Zoom FX Pattern
21	Zoom FX Pattern Movement Speed	0-255	CH20 Zoom FX Pattern Movement speed from slow to fast
22	Reserve	0-255	
23	Reserve	0-255	
24	Zoom Pattern FX Length	0	Off
		1--255	Zoom Pattern Length 0-10 Leds
25	Zoom Pattern FX Offset	0	Off
		1-255	Zoom Pattern Start Offset 10-0 Leds
Layer2			
26	Layer 2 Dimmer	0-255	Dimmer 0-100%
27	Layer 2 Dimmer fine	0-255	Dimmer fine
28	Layer 2 Shutter	0-255	Shutter, from slow to fast
29	Layer 2 Red	0-255	Red 0-100%
30	Layer 2 Green	0-255	Green 0-100%
31	Layer 2 Blue	0-255	Blue 0-100%
32	Layer 2 White	0-255	White 0-100%
33	Layer 2 Pixel FX Pattern select(11-105: Random color or control by CH29-CH32)	0-10	No effect
		11-14	Pattern 01
		15-17	Pattern 02
		18-21	Pattern 03
		22-25	Pattern 04
		26-29	Pattern 05
		30-33	Pattern 06
		34-37	Pattern 07
		38-41	Pattern 08

		42-45	Pattern 09
		46-49	Pattern 10
		50-53	Pattern 11
		54-57	Pattern 12
		58-61	Pattern 13
		62-65	Pattern 14
		66-69	Pattern 15
		70-73	Pattern 16
		74-77	Pattern 17
		78-81	Pattern 18
		82-85	Pattern 19
		86-89	Pattern 20
		90-93	Pattern 21
		94-97	Pattern 22
		98-101	Pattern 23
		102-105	Pattern 24
		106-109	Pattern 25
		110-113	Pattern 26
		114-117	Pattern 27
		118-121	Pattern 28
		122-125	Pattern 29
		126-129	Pattern 30
		130-133	Pattern 31
		134-137	Pattern 32
		138-141	Pattern 33
		142-145	Pattern 34
		146-149	Pattern 35
		150-153	Pattern 36

		154-157	Pattern 37
		158-161	Pattern 38
		162-165	Pattern 39
		166-169	Pattern 40
		170-173	Pattern 41
		174-177	Pattern 42
		178-181	Pattern 43
		182-185	Pattern 44
		186-189	Pattern 45
		190-193	Pattern 46
		194-197	Pattern 47
		198-201	Pattern 48
		202-205	Pattern 49
		206-210	Pattern 50
		211-246	No Pattern
		247-255	Random Pixel FX Pattern
34	Layer 2 Pattern Movement Speed	0-127	CH33 Pattern movement speed from flow to fast(Y-axis movement)
		128-255	CH33 Pattern movement speed from flow to fast(Y-axis fixed angle)
35	Reserve	0-255	
36	Reserve	0-255	
37	Layer 2 Pixel FX Length	0	Off
		1--255	Pattern Length 0-10 Leds
38	Layer 2 Pixel FX Offset	0	Off
		1-255	Pattern Start Offset 10-0 Leds
Layer3			
39	Layer 3 Dimmer	0-255	Dimmer 0-100%

40	Layer 3 Dimmer fine	0-255	Dimmer fine
41	Layer 3 Shutter	0-255	Shutter, from slow to fast
42	Layer 3 Red	0-255	Red 0-100%
43	Layer 3 Green	0-255	Green 0-100%
44	Layer 3 Blue	0-255	Blue 0-100%
45	Layer 3 White	0-255	White 0-100%
46	Layer 3 Pixel FX Pattern select(11-105: Random color or control by CH42-CH45)	0-10	No effect
		11-14	Pattern 01
		15-17	Pattern 02
		18-21	Pattern 03
		22-25	Pattern 04
		26-29	Pattern 05
		30-33	Pattern 06
		34-37	Pattern 07
		38-41	Pattern 08
		42-45	Pattern 09
		46-49	Pattern 10
		50-53	Pattern 11
		54-57	Pattern 12
		58-61	Pattern 13
		62-65	Pattern 14
		66-69	Pattern 15
		70-73	Pattern 16
		74-77	Pattern 17
		78-81	Pattern 18
		82-85	Pattern 19
		86-89	Pattern 20

		90-93	Pattern 21
		94-97	Pattern 22
		98-101	Pattern 23
		102-105	Pattern 24
		106-109	Pattern 25
		110-113	Pattern 26
		114-117	Pattern 27
		118-121	Pattern 28
		122-125	Pattern 29
		126-129	Pattern 30
		130-133	Pattern 31
		134-137	Pattern 32
		138-141	Pattern 33
		142-145	Pattern 34
		146-149	Pattern 35
		150-153	Pattern 36
		154-157	Pattern 37
		158-161	Pattern 38
		162-165	Pattern 39
		166-169	Pattern 40
		170-173	Pattern 41
		174-177	Pattern 42
		178-181	Pattern 43
		182-185	Pattern 44
		186-189	Pattern 45
		190-193	Pattern 46
		194-197	Pattern 47
		198-201	Pattern 48

		202-205	Pattern 49
		206-210	Pattern 50
		211-246	No Pattern
		247-255	Random Pixel FX Pattern
47	Layer 3 Pattern Movement Speed	0-127	CH46 Pattern movement speed from flow to fast(Y-axis movement)
		128-255	CH46 Pattern movement speed from flow to fast(Y-axis fixed angle)
48	Reserve	0-255	
49	Reserve	0-255	
50	Layer 3 Pixel FX Length	0	Off
		1--255	Pattern Length 0-10 Leds
51	Layer 3 Pixel FX Offset	0	Off
		1-255	Pattern Start Offset 10-0 Leds

Mode 3: 57CH

CH	Function	DMX Value	Description
1	Tilt Movement	0-255	Tilt Movement 0-185°
2	Tilt fine	0-255	Tilt fine
3	Dimmer	0-255	Dimmer 0-100%
4	Dimmer fine	0-255	Dimmer fine
5	Shutter	0-9	Close
		10-250	Shutter, from slow to fast
		251-255	Open
6	Reset	0-254	No function
		255	Reset
7	CTC	0-15	Off

		16-255	Cold white-Warm white
8	Pixel 01 Red	0-255	Pixel 01 Red 0-100%
9	Pixel 01 Green	0-255	Pixel 01 Green 0-100%
10	Pixel 01 Blue	0-255	Pixel 01 Blue 0-100%
11	Pixel 01 White	0-255	Pixel 01 White 0-100%
12	Pixel 01 Zoom	0-255	Pixel 01 Zoom Narrow-Wide
13	Pixel 02 Red	0-255	Pixel 02 Red 0-100%
14	Pixel 02 Green	0-255	Pixel 02 Green 0-100%
15	Pixel 02 Blue	0-255	Pixel 02 Blue 0-100%
16	Pixel 02 White	0-255	Pixel 02 White 0-100%
17	Pixel 02 Zoom	0-255	Pixel 02 Zoom Narrow-Wide
18	Pixel 03 Red	0-255	Pixel 03 Red 0-100%
19	Pixel 03 Green	0-255	Pixel 03 Green 0-100%
20	Pixel 03 Blue	0-255	Pixel 03 Blue 0-100%
21	Pixel 03 White	0-255	Pixel 03 White 0-100%
22	Pixel 03 Zoom	0-255	Pixel 03 Zoom Narrow-Wide
23	Pixel 04 Red	0-255	Pixel 04 Red 0-100%
24	Pixel 04 Green	0-255	Pixel 04 Green 0-100%
25	Pixel 04 Blue	0-255	Pixel 04 Blue 0-100%
26	Pixel 04 White	0-255	Pixel 04 White 0-100%
27	Pixel 04 Zoom	0-255	Pixel 04 Zoom Narrow-Wide
28	Pixel 05 Red	0-255	Pixel 05 Red 0-100%
29	Pixel 05 Green	0-255	Pixel 05 Green 0-100%
30	Pixel 05 Blue	0-255	Pixel 05 Blue 0-100%
31	Pixel 05 White	0-255	Pixel 05 White 0-100%
32	Pixel 05 Zoom	0-255	Pixel 05 Zoom Narrow-Wide
33	Pixel 06 Red	0-255	Pixel 06 Red 0-100%
34	Pixel 06 Green	0-255	Pixel 06 Green 0-100%
35	Pixel 06 Blue	0-255	Pixel 06 Blue 0-100%

36	Pixel 06 White	0-255	Pixel 06 White 0-100%
37	Pixel 06 Zoom	0-255	Pixel 06 Zoom Narrow-Wide
38	Pixel 07 Red	0-255	Pixel 07 Red 0-100%
39	Pixel 07 Green	0-255	Pixel 07 Green 0-100%
40	Pixel 07 Blue	0-255	Pixel 07 Blue 0-100%
41	Pixel 07 White	0-255	Pixel 07 White 0-100%
42	Pixel 07 Zoom	0-255	Pixel 07 Zoom Narrow-Wide
43	Pixel 08 Red	0-255	Pixel 08 Red 0-100%
44	Pixel 08 Green	0-255	Pixel 08 Green 0-100%
45	Pixel 08 Blue	0-255	Pixel 08 Blue 0-100%
46	Pixel 08 White	0-255	Pixel 08 White 0-100%
47	Pixel 08 Zoom	0-255	Pixel 08 Zoom Narrow-Wide
48	Pixel 09 Red	0-255	Pixel 09 Red 0-100%
49	Pixel 09 Green	0-255	Pixel 09 Green 0-100%
50	Pixel 09 Blue	0-255	Pixel 09 Blue 0-100%
51	Pixel 09 White	0-255	Pixel 09 White 0-100%
52	Pixel 09 Zoom	0-255	Pixel 09 Zoom Narrow-Wide
53	Pixel 10 Red	0-255	Pixel 10 Red 0-100%
54	Pixel 10 Green	0-255	Pixel 10 Green 0-100%
55	Pixel 10 Blue	0-255	Pixel 10 Blue 0-100%
56	Pixel 10 White	0-255	Pixel 10 White 0-100%
57	Pixel 10 Zoom	0-255	Pixel 10 Zoom Narrow-Wide

Mode 4: 79CH

CH	Function	DMX Value	Description
Layer1(Base Layer, low priority)			

1	Tilt Movement	0-255	Tilt Movement 0-185°
2	Tilt fine	0-255	Tilt fine
3	Dimmer	0-255	Dimmer 0-100%
4	Dimmer fine	0-255	Dimmer fine
5	Shutter	0-9	Close
		10-250	Shutter, from slow to fast
		251-255	Open
6	Reset	0-254	No function
		255	Reset
7	CTC	0-15	Off
		16-255	Cold white-Warm white
8	Virtual color wheel	0-7	Off
		8-15	Color 01-Red
		16-23	Color 02-Amber
		24-31	Color 03-Warm Yellow
		32-39	Color 04-Yellow
		40-47	Color 05-Green
		48-55	Color 06-Turquoise
		56-63	Color 07-Cyan
		64-71	Color 08-Blue
		72-79	Color 09-Lavender
		80-87	Color 10-Male
		88-95	Color 11-Magenta
		96-103	Color 12-Pink
		104-111	Color 13-White 3200K
		112-119	Color 14-White 5600K
		120-127	Color 15-White 7200K
		128-128	Stop
		129-255	Rainbow Colors crossfade slow to fast
9	Red	0-255	Red 0-100%
10	Green	0-255	Green 0-100%

11	Blue	0-255	Blue 0-100%
12	White	0-255	White 0-100%
13	Pixel FX Pattern select(11-105: Random color or control by CH9-CH12)	0-10	No effect
		11-14	Pattern 01
		15-17	Pattern 02
		18-21	Pattern 03
		22-25	Pattern 04
		26-29	Pattern 05
		30-33	Pattern 06
		34-37	Pattern 07
		38-41	Pattern 08
		42-45	Pattern 09
		46-49	Pattern 10
		50-53	Pattern 11
		54-57	Pattern 12
		58-61	Pattern 13
		62-65	Pattern 14
		66-69	Pattern 15
		70-73	Pattern 16
		74-77	Pattern 17
		78-81	Pattern 18
		82-85	Pattern 19
		86-89	Pattern 20
		90-93	Pattern 21
		94-97	Pattern 22
		98-101	Pattern 23
		102-105	Pattern 24

		106-109	Pattern 25
		110-113	Pattern 26
		114-117	Pattern 27
		118-121	Pattern 28
		122-125	Pattern 29
		126-129	Pattern 30
		130-133	Pattern 31
		134-137	Pattern 32
		138-141	Pattern 33
		142-145	Pattern 34
		146-149	Pattern 35
		150-153	Pattern 36
		154-157	Pattern 37
		158-161	Pattern 38
		162-165	Pattern 39
		166-169	Pattern 40
		170-173	Pattern 41
		174-177	Pattern 42
		178-181	Pattern 43
		182-185	Pattern 44
		186-189	Pattern 45
		190-193	Pattern 46
		194-197	Pattern 47
		198-201	Pattern 48
		202-205	Pattern 49
		206-210	Pattern 50
		211-246	No Pattern

		247-255	Random Pixel FX Pattern
14	Pattern Movement Speed	0-127	CH13 Pattern movement speed from flow to fast(Y-axis movement)
		128-255	CH13 Pattern movement speed from flow to fast(Y-axis fixed angle)
15	Reserve	0-255	
16	Reserve	0-255	
17	Pixel FX Length	0	Off
		1--255	Pattern Length 0-10 Leds
18	Pixel FX Offset	0	Off
		1-255	Pattern Start Offset 10-0 Leds
19	Zoom	0-255	Narrow-Wide
20	Zoom FX Pattern select	0-10	No effect
		11-25	Pattern 01
		26-33	Pattern 02
		34-41	Pattern 03
		42-49	Pattern 04
		50-57	Pattern 05
		58-65	Pattern 06
		66-73	Pattern 07
		74-81	Pattern 08
		82-89	Pattern 09
		90-97	Pattern 10
		98-105	Pattern 11
		106-113	Pattern 12
		114-121	Pattern 13
		122-129	Pattern 14
		130-137	Pattern 15
		138-145	Pattern 16
		146-153	Pattern 17

		154-161	Pattern 18
		162-169	Pattern 19
		170-177	Pattern 20
		178-185	Pattern 21
		186-193	Pattern 22
		194-201	Pattern 23
		202-209	Pattern 24
		210-210	Pattern 25
		211-246	No Pattern
		247-255	Random Zoom FX Pattern
21	Zoom FX Pattern Movement Speed	0-255	CH20 Zoom FX Pattern Movement speed from slow to fast
22	Reserve	0-255	
23	Reserve	0-255	
24	Zoom Pattern FX Length	0	Off
		1--255	Zoom Pattern Length 0-10 Leds
25	Zoom Pattern FX Offset	0	Off
		1-255	Zoom Pattern Start Offset 10-0 Leds
Layer2(Individual pixel intensity layer)			
26	Layer 2 Dimmer	0-255	Dimmer 0-100%
27	Layer 2 Dimmer fine	0-255	Dimmer fine
28	Layer 2 Shutter	0-255	Shutter, from slow to fast
29	Pixel 01 Red	0-255	Pixel 01 Red 0-100%
30	Pixel 01 Green	0-255	Pixel 01 Green 0-100%
31	Pixel 01 Blue	0-255	Pixel 01 Blue 0-100%
32	Pixel 01 White	0-255	Pixel 01 White 0-100%

33	Pixel 02 Red	0-255	Pixel 02 Red 0-100%
34	Pixel 02 Green	0-255	Pixel 02 Green 0-100%
35	Pixel 02 Blue	0-255	Pixel 02 Blue 0-100%
36	Pixel 02 White	0-255	Pixel 02 White 0-100%
37	Pixel 03 Red	0-255	Pixel 03 Red 0-100%
38	Pixel 03 Green	0-255	Pixel 03 Green 0-100%
39	Pixel 03 Blue	0-255	Pixel 03 Blue 0-100%
40	Pixel 03 White	0-255	Pixel 03 White 0-100%
41	Pixel 04 Red	0-255	Pixel 04 Red 0-100%
42	Pixel 04 Green	0-255	Pixel 04 Green 0-100%
43	Pixel 04 Blue	0-255	Pixel 04 Blue 0-100%
44	Pixel 04 White	0-255	Pixel 04 White 0-100%
45	Pixel 05 Red	0-255	Pixel 05 Red 0-100%
46	Pixel 05 Green	0-255	Pixel 05 Green 0-100%
47	Pixel 05 Blue	0-255	Pixel 05 Blue 0-100%
48	Pixel 05 White	0-255	Pixel 05 White 0-100%
49	Pixel 06 Red	0-255	Pixel 06 Red 0-100%
50	Pixel 06 Green	0-255	Pixel 06 Green 0-100%
51	Pixel 06 Blue	0-255	Pixel 06 Blue 0-100%
52	Pixel 06 White	0-255	Pixel 06 White 0-100%
53	Pixel 07 Red	0-255	Pixel 07 Red 0-100%
54	Pixel 07 Green	0-255	Pixel 07 Green 0-100%
55	Pixel 07 Blue	0-255	Pixel 07 Blue 0-100%
56	Pixel 07 White	0-255	Pixel 07 White 0-100%
57	Pixel 08 Red	0-255	Pixel 08 Red 0-100%
58	Pixel 08 Green	0-255	Pixel 08 Green 0-100%
59	Pixel 08 Blue	0-255	Pixel 08 Blue 0-100%
60	Pixel 08 White	0-255	Pixel 08 White 0-100%

61	Pixel 09 Red	0-255	Pixel 09 Red 0-100%
62	Pixel 09 Green	0-255	Pixel 09 Green 0-100%
63	Pixel 09 Blue	0-255	Pixel 09 Blue 0-100%
64	Pixel 09 White	0-255	Pixel 09 White 0-100%
65	Pixel 10 Red	0-255	Pixel 10 Red 0-100%
66	Pixel 10 Green	0-255	Pixel 10 Green 0-100%
67	Pixel 10 Blue	0-255	Pixel 10 Blue 0-100%
68	Pixel 10 White	0-255	Pixel 10 White 0-100%
Layer3(Individual pixel zoom layer)			
69	Pixel zoom master	0-255	Pixel zoom master
70	Pixel 01 zoom	0-255	Pixel 01 zoom wide- narrow
71	Pixel 02 zoom	0-255	Pixel 02 zoom wide- narrow
72	Pixel 03 zoom	0-255	Pixel 03 zoom wide- narrow
73	Pixel 04 zoom	0-255	Pixel 04 zoom wide- narrow
74	Pixel 05 zoom	0-255	Pixel 05 zoom wide- narrow
75	Pixel 06 zoom	0-255	Pixel 06 zoom wide- narrow
76	Pixel 07 zoom	0-255	Pixel 07 zoom wide- narrow
77	Pixel 08 zoom	0-255	Pixel 08 zoom wide- narrow
78	Pixel 09 zoom	0-255	Pixel 09 zoom wide- narrow
79	Pixel 10 zoom	0-255	Pixel 10 zoom wide- narrow

5 FIXED EQUIPMENT

Please fasten the fixture clamp before hanging. The clamp can be fasten by the little hole in the middle of the bracket, then tie with a safety belt. The loading capacity of the safety belt should be 10 times than the weight of the fixture itself.

6 CONNECTION OF DMX-512 AND CONNETION WITH THE LIGHT EQUIPMENT

Please connect XLR-XLR control wire with every light from the output of DMX.

XLR connection :

DMX-OUTPUT



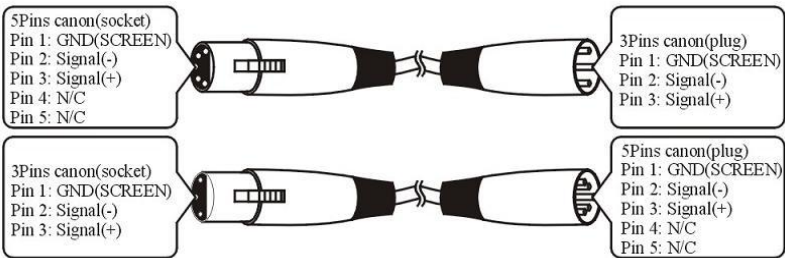
Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

DMX-INTPUT



Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

ATTENTION: Please do remember to connect one circle circuit plug on the output signal of last equipment. And this circle circuit plug was connected a 120ohm resistance between terminals 2 and 3 of the CANON plug, connect this circle circuit plug can avoid the signal flash phenomena of signal DMX512 during the transmission.



7 Maintenance

Problems	Check list	Trouble Shooting
The fixture do not work	1. If your power as same as the input of the machine. 2. If the fuse was broken.	1. Make sure the voltage. 2. Replace the same fuse.
LED dimmed	If your power us same as the input of the machine	Make sure the voltage input.

No DMX input	1. If the polarity is opposited in the DMX controller. 2. If it is in DMX mode. 3. If there are 2 Master in a loop.	1. Correct the DMX polarity. 2. Change to the DMX mode. 3. Set one piece into Slave mode.
Par Light Set works abnormality	1. Check if the serial is correct on the Par Light display	1. Set the right serial No on the single Par Light

8 AFTER SERVICE

1. Our company offer technical consultation to customers for ever.
2. If the machine is wrong and need repairmen, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.
3. In addition to the lamp, also matching accessories are as follows:
accessories: Power line 1 piece **Optional parts:** (customers)



Warranty Card

Name	Model
------	-------

Production	Purchase
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End User
Company Name:
Add:

Sale Store	
Link man:	
Tel:	Stamp

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period: one year since purchase warranty terms: 1、 If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

(1)Without the effective warranty card

(2)There's blank, alter and no point-of-sale name

- (3)Fail caused by unresistance
- (4)Fail caused by transportation or unloading
- (5)Fail caused by not operate by manual
- (6)Fail caused by disassemble without unauthorized
- (7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.