



BB1060 - Moving Beam Bar

10x60 IP65



User Manual

Please read the instructions carefully before using

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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: 800W

LED Source: Main Light: 10x 60W RGBW LED multichip

Backlight: 96x1W CW LED; 96x1W WW LED;

96x0.5W RGB LED

Led feature: Main Light Each Led control individual

Backlight White 24sections control; RGB 24sections control.

Zoom range: 5-17°

Dimmer: 0-100% linear dimmer

Strobe: 0-25Hz

Channel: 17/27/99/108/168/170

Control Mode: DMX512, Master/slave, Auto

Display: led display with 4buttons

LED life expectancy: min. 50.000 hours

Tilt movement: 202°;16 bit movement resolution

Power connector: Seetronic in/out

DMX in/out: Locking 3-pin XLR in out

Software update: Upgrade software via DMX connection

IP rate: IP65

Feature: Beam Wash, Color mixing , Zoom

Product Dimensions:1100x122x350mm

Net weight: 35kg

3. BOARD INSTRUCTION

DMX function	ADDRESS	001-512
	Channel MODE	17CH
		27CH
		99CH
		108CH
		168CH
		170CH
	DMX status	Standby
		Keep

		Manual	
	Control Mode	Auto	
		DMX	
Control Setting	Tilt Reverse	Yes	
		No	
	Tilt correction	Yes	
		No	
	Dimmer Curve	Linear	
		Square	
		Inverse square	
		S curve	
	Dimmer speed	Fast	
		Smooth	
	White Balance	Red	125-255
		Green	125-255
		Blue	125-255
		Red1	125-255
		Green1	125-255
		Blue1	125-255
	
		Red10	125-255
		Green10	125-255
		Blue10	125-255
	Led Frequency	900Hz	
		1000Hz	
1100Hz			
1200Hz			
1300Hz			
1400Hz			

		1500Hz
		2500Hz
		4000Hz
		5000Hz
		6000Hz
		10000Hz
		15000Hz
		20000Hz
		25000Hz
	Pixel Reverse	Yes
		No
	Power mode	Standard
		Quiet
	Color temperature correction	Close
		Open
Strobe Power mode	Close	
	Open	
Display setting	Display Reverse	NO
		Yes
	Backlight brightness	1-10
	Temperature unit	°C
		°F
Language	中文	
	English	
Testing	Auto Test	
	Manual Test	
System information	Using time	
	Led using time	Led total hours

		Led Open hours
		Reset Time(password 050)
	Temperature	
	Fan status	Head fan
		Head fan1
		Head fan2
		Head fan3
		Head fan4
		Head fan5
CPU version		
Wrong record		
Reset	Y reset	No
		Yes
	Head reset	No
		Yes
	All Reset	No
Yes		
Special function	Restore factory Settings	No
		Yes

4. DMX CHANNEL SHEET

17CH			
CH	Function	DMX value	Description
1	Tilt	000-255	Tilt movement 205°
2	Tilt fine	000-255	Tilt Fine
3	Zoom	000-255	Zoom wide--narrow
4	Total dimmer	000-255	Total Dimmer 0-100%

17CH

CH	Function	DMX value	Description
5	Main Light Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
6	Backlight White Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
7	Backlight RGB Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open

17CH

CH	Function	DMX value	Description
		240-247	Random strobe from slow to fast
		248-255	Open
8	Function	000-029	No function
		030-039	Dimmer curve: Linear
		040-049	Dimmer curve: Square rate
		040-049	Dimmer curve: Inverse square rate
		060-069	Dimmer curve: S curve
		070-079	Power mode: Standard
		080-089	No function
		090-099	Power mode: Quiet
		100-109	Led Frequency can be set
		110-119	Led Frequency can't be set
		120-122	No function
		123	900Hz
		123	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
137	25KHz		

17CH

CH	Function	DMX value	Description
		138-139	No function
		140-149	Y axis reset
		150-159	Head motor reset
		160-169	Color temperature correct: Open
		170-179	Color temperature correct: Close
		180-199	No function
		200-209	All motor reset
		210-219	Dimmer speed: Fast
		220-229	Dimmer speed: smooth
		220-229	Strobe Light power mode: close
		240-249	Strobe light power mode : open
		250-255	No function
9	Main Red	000-255	Main red color 0-100%
10	Main Green	000-255	Main green color 0-100%
11	Main Blue	000-255	Main Blue color 0-100%
12	Main White	000-255	Main White color 0-100%
13	Backlight Cold white	000-255	Backlight Cold white color 0-100%
14	Backlight Warm white	000-255	Backlight Warm white color 0-100%
15	Backlight Red	000-255	Backlight Red color 0-100%
16	Backlight Green	000-255	Backlight Green color 0-100%
17	Backlight Blue	000-255	Backlight Blue color 0-100%

27CH

CH	Function	DMX value	Description
1	Tilt	000-255	Tilt movement 205°
2	Tilt fine	000-255	Tilt Fine
3	Zoom	000-255	Zoom wide--narrow
4	Total dimmer	000-255	Total Dimmer 0-100%
5	Main Light Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
6	Backlight White Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
7	Backlight RGB Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast

27CH

CH	Function	DMX value	Description
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
8	Function	000-029	No function
		030-039	Dimmer curve: Linear
		040-049	Dimmer curve: Square rate
		040-049	Dimmer curve: Inverse square rate
		060-069	Dimmer curve: S curve
		070-079	Power mode: Standard
		080-089	No function
		090-099	Power mode: Quiet
		100-109	Led Frequency can be set
		110-119	Led Frequency can't be set
		120-122	No function
		123	900Hz
		123	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
135	15KHz		

27CH

CH	Function	DMX value	Description
		136	20KHz
		137	25KHz
		138-139	No function
		140-149	Y axis reset
		150-159	Head motor reset
		160-169	Color temperature correct: Open
		170-179	Color temperature correct: Close
		180-199	No function
		200-209	All motor reset
		210-219	Dimmer speed: Fast
		220-229	Dimmer speed: smooth
		220-229	Strobe Light power mode: close
		240-249	Strobe light power mode : open
		250-255	No function
9	Main Red	000-255	Main red color 0-100%
10	Main Green	000-255	Main green color 0-100%
11	Main Blue	000-255	Main Blue color 0-100%
12	Main White	0-255	Main White color 0-100%
13	Main Light color temperature	0-255	8000K-2500K
14	Main Light Color Marco	000-007	No function
		008-015	Color1
		016-023	Color2
		024-031	Color3
		032-039	Color4
		040-047	Color5
		048-055	Color6
		056-063	Color7

27CH

CH	Function	DMX value	Description
		064-071	Color8
		072-079	Color9
		080-087	Color10
		088-095	Color11
		096-103	Color12
		104-111	Color13
		112-119	Color14
		120-127	Color15
		128-135	Color16
		136-143	Color17
		144-151	Color18
		152-159	Color19
		160-167	Color20
		168-175	Color21
		176-183	Color22
		184-191	Color23
		192-199	Color24
		200-207	Color25
		208-215	Color26
		216-223	Color27
		224-231	Color28
		232-239	Color29
		240-247	Color30
		248-255	Color31
		000-007	No function
		008-015	Effect1
		016-023	Effect2
		024-031	Effect3
		032-039	Effect4

27CH

CH	Function	DMX value	Description
15	Main Light effect Marco	040-047	Effect5
		048-055	Effect6
		056-063	Effect7
		064-071	Effect8
		072-079	Effect9
		080-087	Effect10
		088-095	Effect11
		096-103	Effect12
		104-111	Effect13
		112-119	Effect14
		120-127	Effect15
		128-135	Effect16
		136-143	Effect17
		144-151	Effect18
		152-159	Effect19
		160-167	Effect20
		168-175	Effect21
		176-183	Effect22
184-191	Effect23		
192-255	No function		
16	Main Light effect speed	000-127	From slow to fast(no fade effect)
		128-255	From slow to fast(fade effect)
17	Backlight Cold white	000-255	Backlight Cold white color 0-100%
18	Backlight Warm white	000-255	Backlight Warm white color 0-100%
19	Backlight White color temperature	000-067	No function
		068-247	From 6500K-2600K
		248-255	Reserve

27CH

CH	Function	DMX value	Description
20	Backlight white effect Marco	000-007	No function
		008-015	Effect1
		016-023	Effect2
		024-031	Effect3
		032-039	Effect4
		040-047	Effect5
		048-055	Effect6
		056-063	Effect7
		064-071	Effect8
		072-079	Effect9
		080-087	Effect10
		088-095	Effect11
		096-103	Effect12
		104-111	Effect13
		112-119	Effect14
		120-127	Effect15
		128-135	Effect16
		136-143	Effect17
		144-151	Effect18
		152-159	Effect19
160-167	Effect20		
168-175	Effect21		
176-183	Effect22		
184-191	Effect23		
192-255	No function		
21	Backlight White effect speed	000-127	From slow to fast(no fade effect)
		128-255	From slow to fast(fade effect)
22	Backlight	000-255	Backlight Red color 0-100%

27CH

CH	Function	DMX value	Description
	Red		
23	Backlight Green	000-255	Backlight Green color 0-100%
24	Backlight Blue	000-255	Backlight Blue color 0-100%
25	Backlight RGB Color Marco	000-007	No function
		008-015	Color1
		016-023	Color2
		024-031	Color3
		032-039	Color4
		040-047	Color5
		048-055	Color6
		056-063	Color7
		064-071	Color8
		072-079	Color9
		080-087	Color10
		088-095	Color11
		096-103	Color12
		104-111	Color13
		112-119	Color14
		120-127	Color15
		128-135	Color16
		136-143	Color17
		144-151	Color18
		152-159	Color19
		160-167	Color20
		168-175	Color21
		176-183	Color22
184-191	Color23		

27CH

CH	Function	DMX value	Description
		192-199	Color24
		200-207	Color25
		208-215	Color26
		216-223	Color27
		224-231	Color28
		232-239	Color29
		240-247	Color30
		248-255	Color31
26	Backlight RGB Effect Marco	000-007	No function
		008-015	Effect1
		016-023	Effect2
		024-031	Effect3
		032-039	Effect4
		040-047	Effect5
		048-055	Effect6
		056-063	Effect7
		064-071	Effect8
		072-079	Effect9
		080-087	Effect10
		088-095	Effect11
		096-103	Effect12
		104-111	Effect13
		112-119	Effect14
		120-127	Effect15
		128-135	Effect16
		136-143	Effect17
		144-151	Effect18
		152-159	Effect19
160-167	Effect20		

27CH			
CH	Function	DMX value	Description
		168-175	Effect21
		176-183	Effect22
		184-191	Effect23
		192-255	No function
27	Backlight RGB effect speed	000-127	From slow to fast(no fade effect)
		128-255	From slow to fast(fade effect)

99CH			
CH	Function	DMX value	Description
1	Tilt	000-255	Tilt movement 205°
2	Tilt fine	000-255	Tilt Fine
3	Zoom	000-255	Zoom wide--narrow
4	Total dimmer	000-255	Total Dimmer 0-100%
5	Main Light Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
6	Backlight White Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast

99CH

CH	Function	DMX value	Description
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
7	Backlight RGB Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
8	Function	000-029	No function
		030-039	Dimmer curve: Linear
		040-049	Dimmer curve: Square rate
		040-049	Dimmer curve: Inverse square rate
		060-069	Dimmer curve: S curve
		070-079	Power mode: Standard
		080-089	No function
		090-099	Power mode: Quiet
		100-109	Led Frequency can be set
		110-119	Led Frequency can't be set
		120-122	No function
		123	900Hz

99CH

CH	Function	DMX value	Description
		123	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-139	No function
		140-149	Y axis reset
		150-159	Head motor reset
		160-169	Color temperature correct: Open
		170-179	Color temperature correct: Close
		180-199	No function
		200-209	All motor reset
		210-219	Dimmer speed: Fast
		220-229	Dimmer speed: smooth
		220-229	Strobe Light power mode: close
		240-249	Strobe light power mode : open
		250-255	No function
9	Main Red1	000-255	Main red1 color 0-100%
10	Main Green1	000-255	Main green1 color 0-100%
11	Main Blue1	000-255	Main Blue1 color 0-100%

99CH

CH	Function	DMX value	Description
12	Main White1	000-255	Main White1 color 0-100%
13	Main Red2	000-255	Main red2 color 0-100%
14	Main Green2	000-255	Main green2 color 0-100%
15	Main Blue2	000-255	Main Blue2 color 0-100%
16	Main White2	000-255	Main White2 color 0-100%
...
45	Main Red10	000-255	Main red10 color 0-100%
46	Main Green10	000-255	Main green10 color 0-100%
47	Main Blue10	000-255	Main Blue10 color 0-100%
48	Main White10	000-255	Main White10 color 0-100%
49	Backlight Cold white1	000-255	Backlight Cold white1 color 0-100%
50	Backlight Warm white1	000-255	Backlight Warm white1 color 0-100%
51	Backlight Cold white2	000-255	Backlight Cold white2 color 0-100%
52	Backlight Warm white2	000-255	Backlight Warm white2 color 0-100%
...
93	Backlight Cold white23	000-255	Backlight Cold white23 color 0-100%
94	Backlight Warm white23	000-255	Backlight Warm white23 color 0-100%

99CH			
CH	Function	DMX value	Description
95	Backlight Cold white24	000-255	Backlight Cold white24 Color 0-100%
96	Backlight Warm white24	000-255	Backlight Warm white24 Color 0-100%
97	Backlight Red	000-255	Backlight Red color 0-100%
98	Backlight Green	000-255	Backlight Green color 0-100%
99	Backlight Blue	000-255	Backlight Blue color 0-100%

108CH			
CH	Function	DMX value	Description
1	Tilt	000-255	Tilt movement 205°
2	Tilt fine	000-255	Tilt Fine
3	Zoom	000-255	Zoom wide--narrow
4	Total dimmer	000-255	Total Dimmer 0-100%
5	Main Light Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open

108CH			
CH	Function	DMX value	Description
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
6	Backlight White Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
7	Backlight RGB Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
8	Function	000-029	No function
		030-039	Dimmer curve: Linear
		040-049	Dimmer curve: Square rate
		040-049	Dimmer curve: Inverse square rate
		060-069	Dimmer curve: S curve

108CH

CH	Function	DMX value	Description
		070-079	Power mode: Standard
		080-089	No function
		090-099	Power mode: Quiet
		100-109	Led Frequency can be set
		110-119	Led Frequency can't be set
		120-122	No function
		123	900Hz
		123	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-139	No function
		140-149	Y axis reset
		150-159	Head motor reset
		160-169	Color temperature correct: Open
		170-179	Color temperature correct: Close
		180-199	No function
		200-209	All motor reset
		210-219	Dimmer speed: Fast

108CH

CH	Function	DMX value	Description
		220-229	Dimmer speed: smooth
		220-229	Strobe Light power mode: close
		240-249	Strobe light power mode : open
		250-255	No function
9	Main Red1	000-255	Main red1 color 0-100%
10	Main Green1	000-255	Main green1 color 0-100%
11	Main Blue1	000-255	Main Blue1 color 0-100%
12	Main White1	000-255	Main White1 color 0-100%
13	Main Red2	000-255	Main red2 color 0-100%
14	Main Green2	000-255	Main green2 color 0-100%
15	Main Blue2	000-255	Main Blue2 color 0-100%
16	Main White2	000-255	Main White2 color 0-100%
...
45	Main Red10	000-255	Main red10 color 0-100%
46	Main Green10	000-255	Main green10 color 0-100%
47	Main Blue10	000-255	Main Blue10 color 0-100%
48	Main White10	000-255	Main White10 color 0-100%
49	Backlight Cold white1	000-255	Backlight Cold white1 color 0-100%
50	Backlight Warm white1	000-255	Backlight Warm white1 color 0-100%

108CH			
CH	Function	DMX value	Description
51	Backlight Cold white2	000-255	Backlight Cold white2 color 0-100%
52	Backlight Warm white2	000-255	Backlight Warm white2 color 0-100%
...
71	Backlight Cold white12	000-255	Backlight Cold white12 color 0-100%
72	Backlight Warm white12	000-255	Backlight Warm white12 color 0-100%
73	Backlight Red1	000-255	Backlight Red1 Color 0-100%
74	Backlight Green1	000-255	Backlight Green1 Color 0-100%
75	Backlight Blue1	000-255	Backlight Blue1 0-100%
...
106	Backlight Red12	000-255	Backlight Red12 Color 0-100%
107	Backlight Green12	000-255	Backlight Green12 Color 0-100%
108	Backlight Blue12	000-255	Backlight Blue12 0-100%

168CH			
CH	Function	DMX value	Description

168CH

CH	Function	DMX value	Description
1	Tilt	000-255	Tilt movement 205°
2	Tilt fine	000-255	Tilt Fine
3	Zoom	000-255	Zoom wide--narrow
4	Total dimmer	000-255	Total Dimmer 0-100%
5	Main Light Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
6	Backlight White Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
7	Backlight RGB Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open

168CH			
CH	Function	DMX value	Description
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
8	Function	000-029	No function
		030-039	Dimmer curve: Linear
		040-049	Dimmer curve: Square rate
		040-049	Dimmer curve: Inverse square rate
		060-069	Dimmer curve: S curve
		070-079	Power mode: Standard
		080-089	No function
		090-099	Power mode: Quiet
		100-109	Led Frequency can be set
		110-119	Led Frequency can't be set
		120-122	No function
		123	900Hz
		123	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
132	5000Hz		
133	6000Hz		
134	10KHz		

168CH

CH	Function	DMX value	Description
		135	15KHz
		136	20KHz
		137	25KHz
		138-139	No function
		140-149	Y axis reset
		150-159	Head motor reset
		160-169	Color temperature correct: Open
		170-179	Color temperature correct: Close
		180-199	No function
		200-209	All motor reset
		210-219	Dimmer speed: Fast
		220-229	Dimmer speed: smooth
		220-229	Strobe Light power mode: close
		240-249	Strobe light power mode : open
		250-255	No function
9	Main Red1	000-255	Main red1 color 0-100%
10	Main Green1	000-255	Main green1 color 0-100%
11	Main Blue1	000-255	Main Blue1 color 0-100%
12	Main White1	000-255	Main White1 color 0-100%
13	Main Red2	000-255	Main red2 color 0-100%
14	Main Green2	000-255	Main green2 color 0-100%
15	Main Blue2	000-255	Main Blue2 color 0-100%
16	Main White2	000-255	Main White2 color 0-100%
...
45	Main Red10	000-255	Main red10 color 0-100%

168CH

CH	Function	DMX value	Description
46	Main Green10	000-255	Main green10 color 0-100%
47	Main Blue10	000-255	Main Blue10 color 0-100%
48	Main White10	000-255	Main White10 color 0-100%
49	Backlight Cold white1	000-255	Backlight Cold white1 color 0-100%
50	Backlight Warm white1	000-255	Backlight Warm white1 color 0-100%
51	Backlight Cold white2	000-255	Backlight Cold white2 color 0-100%
52	Backlight Warm white2	000-255	Backlight Warm white2 color 0-100%
...
95	Backlight Cold white24	000-255	Backlight Cold white24 color 0-100%
96	Backlight Warm white24	000-255	Backlight Warm white24 color 0-100%
97	Backlight Red1	000-255	Backlight Red1 Color 0-100%
98	Backlight Green1	000-255	Backlight Green1 Color 0-100%
99	Backlight Blue1	000-255	Backlight Blue1 0-100%

168CH			
CH	Function	DMX value	Description
...
166	Backlight Red24	000-255	Backlight Red24 Color 0-100%
167	Backlight Green24	000-255	Backlight Green24 Color 0-100%
168	Backlight Blue24	000-255	Backlight Blue24 0-100%

170CH			
CH	Function	DMX value	Description
1	Tilt	000-255	Tilt movement 205°
2	Tilt fine	000-255	Tilt Fine
3	Zoom	000-255	Zoom wide--narrow
4	Main Light dimmer	000-255	Main light Dimmer 0-100%
5	Backlight White dimmer	000-255	Backlight white Dimmer 0-100%
6	Backlight rgb dimmer	000-255	Backlight rgb Dimmer 0-100%
7	Main Light Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast

170CH			
CH	Function	DMX value	Description
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
8	Backlight White Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
9	Backlight RGB Strobe	000-007	Close
		008-015	Open
		016-131	Strobe from slow to fast
		132-139	Open
		140-181	Slow open fast close, from slow to fast
		182-189	Open
		190-231	Fast open slow close, from slow to fast
		232-239	Open
		240-247	Random strobe from slow to fast
		248-255	Open
10	Function	000-029	No function
		030-039	Dimmer curve: Linear
		040-049	Dimmer curve: Square rate
		040-049	Dimmer curve: Inverse square rate
		060-069	Dimmer curve: S curve
		070-079	Power mode: Standard

170CH

CH	Function	DMX value	Description
		080-089	No function
		090-099	Power mode: Quiet
		100-109	Led Frequency can be set
		110-119	Led Frequency can't be set
		120-122	No function
		123	900Hz
		123	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-139	No function
		140-149	Y axis reset
		150-159	Head motor reset
		160-169	Color temperature correct: Open
		170-179	Color temperature correct: Close
		180-199	No function
		200-209	All motor reset
		210-219	Dimmer speed: Fast
		220-229	Dimmer speed: smooth

170CH

CH	Function	DMX value	Description
		220-229	Strobe Light power mode: close
		240-249	Strobe light power mode : open
		250-255	No function
11	Main Red1	000-255	Main red1 color 0-100%
12	Main Green1	000-255	Main green1 color 0-100%
13	Main Blue1	000-255	Main Blue1 color 0-100%
14	Main White1	000-255	Main White1 color 0-100%
15	Main Red2	000-255	Main red2 color 0-100%
16	Main Green2	000-255	Main green2 color 0-100%
17	Main Blue2	000-255	Main Blue2 color 0-100%
18	Main White2	000-255	Main White2 color 0-100%
...
47	Main Red10	000-255	Main red10 color 0-100%
48	Main Green10	000-255	Main green10 color 0-100%
49	Main Blue10	000-255	Main Blue10 color 0-100%
50	Main White10	000-255	Main White10 color 0-100%
51	Backlight Cold white1	000-255	Backlight Cold white1 color 0-100%
52	Backlight Warm white1	000-255	Backlight Warm white1 color 0-100%
53	Backlight	000-255	Backlight Cold white2 color 0-100%

170CH

CH	Function	DMX value	Description
	Cold white2		
54	Backlight Warm white2	000-255	Backlight Warm white2 color 0-100%
...
97	Backlight Cold white24	000-255	Backlight Cold white24 color 0-100%
98	Backlight Warm white24	000-255	Backlight Warm white24 color 0-100%
99	Backlight Red1	000-255	Backlight Red1 Color 0-100%
100	Backlight Green1	000-255	Backlight Green1 Color 0-100%
101	Backlight Blue1	000-255	Backlight Blue1 0-100%
...
168	Backlight Red24	000-255	Backlight Red24 Color 0-100%
169	Backlight Green24	000-255	Backlight Green24 Color 0-100%
170	Backlight Blue24	000-255	Backlight Blue24 0-100%

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.

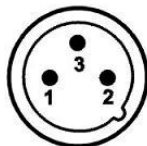
XLR connection :

DMX-OUTPUT



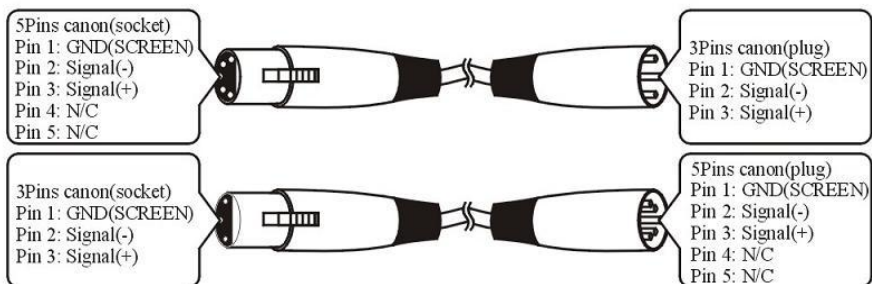
Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

DMX-INPUT



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



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

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)Fail caused by unresistance
- (2)Fail caused by transportation or unloading
- (3)Fail caused by not operate by manual
- (4)Fail caused by disassemble without unauthorized
- (5)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