

# IMPACT BAR 20IP

OUTDOOR 20X40W LED ZOOM BAR



**USER MANUAL | MANUAL DE USUARIO**

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE USE  
*POR FAVOR LEA LAS INSTRUCCIONES ANTES DE USAR*



# 1. OVERVIEW

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## IMPACT BAR 10IP

OUTDOOR 20X40W LED ZOOM BAR

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### Specifications

#### Source & Optics

- Light sources: 20x 40W RGBW LED multichip.
- Led Feature: Individual control of each RGBW pixel
- Led life: min. 20.000 hours

#### Photometric information

- Shutter: Max 10Hz electronically
- Zoom angle: 3°- 60°
- Dimmer: 0-100% liner dimmer
- Strobe: Max 20Hz
- Color mixing mode RGBW
- 16 Bit movement resolution
- Variable CTO: 2.700K - 8.000K

#### Control

- DMX Channels: 19/34/35/48/49/88/89
- Operation modes: DMX 512, Master-Slave, Sound, Auto.
- IP rate: IP65
- Motorized zoom
- Tilt movement: 205°
- Feature: LED point control, two zoom zone control, beam and wash effect.

#### Physical

- LCD display
- DMX Connectors: IN/OUT 3-pin/5-pin XLR
- Power in/out connector: IP Power CON in/out
- Weight: 25.5KG
- Dimensions: 111x12x35cm

## 2. SAFETY INSTRUCTIONS

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### WARNING!

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



**For your own personal safety, please read and understand this manual completely before you attempt to install or operate this unit!**

- 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.

## 4. ZOOM

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### MIN ZOOM-3° Beam Diameter

Distance(m)	1m	3m	5m
Intensity(lux)	lux	lux	lux
R	7362	2671	1306
G	20740	7420	4058
B	12760	6530	3290
W	25400	9310	4784
R+G+B+W	46000	15310	8540

### MAX ZOOM-6° Beam Diameter

Distance(m)	1m	3m	5m
Intensity(lux)	lux	lux	lux
R	1806	333	149
G	4432	963	376
B	3930	622	173
W	5765	1204	485
R+G+B+W	9450	2060	815

## 5. BOARD INSTRUCTION

<b>ADDRESS</b>	001-512	
<b>RESET</b>	YES	
	NO	
<b>MANUAL</b>	ZOOM1	0-255
	ZOOM2	0-255
	Tilt	0-255
	Strobe	0-20
	White	0-255
	Blue	0-255
	Green	0-255
	Red	0-255
<b>INFO</b>	Version	V1.12
<b>SET</b>	English	YES
		NO
	Slave	YES
		NO
	Signal Keep	YES
		NO
	Display	YES
		NO
<b>TEST</b>	ALL	
<b>DMX MODE</b>	35/20/34/89/88/49/48CH	
<b>RUN</b>	AUTO	
	DMX512	
	SOUND	

## 6. DMX CHANNEL SHEET

### 6.1 NORMAL MODE 34CH

CHANNEL	FUNCTION	VALUE	DMX
<b>1- Tilt-high</b>	Tilt coarse	0-210°	0-255
<b>2- Tilt-low</b>	Tilt fine		0-255
<b>3- Zoom</b>	Wide(flood)-narrow	60-3°	0-255
<b>4- CTO</b>	NO CTO Continuous - color- temperature correction	Applicable for all color	0-7 8-255
<b>5- Set-1 color(fixed)</b>	No color Color 01- Red Color 02- Amber Color 03- Warm white Color 04- Yellow Color 05- Light green Color 06-Light blue Color 07-Rose red Color 08-Blue Color 09-Pink Color 10-Warm white Color 11-Magenta Color 12-White No function Red No function	Dark to bright	0-7 8-14 15-21 22-28 29-35 36-42 43-49 50-57 58-63 64-70 71-77 78-91 92-98 99-105 106-126 127-255
<b>6- Set 1 red</b>	Mixing system R	0-100%	0-255
<b>7- Set 1green</b>	Mixing system G	0-100%	0-255
<b>8- Set 1 blue</b>	Mixing system B	0-100%	0-255
<b>9- Set 1 white</b>	Mixing system W	0-100%	0-255
<b>10- Set intensity</b>	Intensity	0-100%	0-255
<b>11-Shutter</b>	Shutter closed Shutter pulse random Fade on,snap off Snap on,fade off Fade on,fade off Strobe random Strobe effect slow-fast Shutter closed	Slow-fast Slow-fast Slow-fast Slow-fast 5s-0.1s 1HZ-10HZ	0-15 16-47 48-79 80-111 112-143 144-199 200-239 240-255
<b>12 - Intensity</b>	Intensity	0-100%	0-255
<b>13 - Special</b>		Reset	252-255

<b>CHANNEL</b>	<b>FUNCTION</b>	<b>VALUE</b>	<b>DMX</b>
<b>14- Set 2 color</b>	Value see channel 5	...	...
<b>15-Set 2 R</b>	Mixing system R	0-100%	0-255
<b>16- Set 2 G</b>	Mixing system G	0-100%	0-255
<b>17- Set 2 B</b>	Mixing system B	0-100%	0-255
<b>18- Set 2 W</b>	Mixing system W	0-100%	0-255
<b>19- Set 2 Intensity</b>	Intensity	0-100%	0-255
<b>20- Set 3 color</b>	Value see channel 5	...	...
<b>21- Set 3 R</b>	Mixing system R	0-100%	0-255
<b>22- Set 3 G</b>	Mixing system G	0-100%	0-255
<b>23- Set 3 B</b>	Mixing system B	0-100%	0-255
<b>24- Set 3 W</b>	Mixing system W	0-100%	0-255
<b>25- Set 3 Intensity</b>	Intensity	0-100%	0-255
<b>26- Crossfade</b>	Blank	0-100%	0-255
<b>27- Star effect</b>	Blank		0-255
<b>28- Set 1 Pattern select</b>	Effect		0-255
<b>29- Set 1 pattern movement</b>	Speed		0-255
<b>30- Set 2 pattern select</b>	Blank		0-255
<b>31- Set 2 Pattern Move</b>	Blank		0-255
<b>32- Pixel select 1-8</b>	Blank		0-255
<b>33- Pixel select 9-16</b>	Blank		0-255
<b>34- Pixel select 17-20</b>	Blank		0-255

## 6.2 NORMAL MODE 20CH

CHANNEL	FUNCTION	VALUE	DMX
<b>1- None</b>	reserved		-
<b>2- None</b>	reserved		-
<b>3- Tilt-high</b>	Tilt coarse	0-210°	0-255
<b>4- Tilt-low</b>	Tilt fine		0-255
<b>5- Set-1 color(fixed)</b>	No color Color 01- Red Color 02- Amber Color 03- Warm white Color 04- Yellow Color 05- Light green Color 06- Light blue Color 07- Rose red Color 08- Blue Color 09- Pink Color 10- Warm white Color 11- Magenta Color 12- White No function Red No function	Dark to bright	0-7 8-14 15-21 22-28 29-35 36-42 43-49 50-57 58-63 64-70 71-77 78-91 92-98 99-105 106-126 127-255
<b>6- Set 1 red</b>	Mixing system R	0-100%	0-255
<b>7- Set 1 green</b>	Mixing system G	0-100%	0-255
<b>8- Set 1 blue</b>	Mixing system B	0-100%	0-255
<b>9- Set 1 white</b>	Mixing system W	0-100%	0-255
<b>10- Shutter</b>	Shutter closed Shutter pulse random Fade on, snap off Snap on, fade off Fade on, fade off Strobe random Strobe effect slow-fast Shutter closed	Slow-fast Slow-fast Slow-fast Slow-fast 5s-0.1s 1HZ-10HZ	0-15 16-47 48-79 80-111 112-143 144-199 200-239 240-255
<b>11 - Intensity</b>	Intensity	0-100%	0-255
<b>12- CTO</b>	NO CTO Continuous-color temperature correction	... Applicable for all color	0-7 8-255
<b>13- Special</b>		Reset	252-255
<b>14- Background color</b>		Reset	0-255

CHANNEL	FUNCTION	VALUE	DMX
<b>16- Zoom</b>	Wide-narrow	60-3°	0-255
<b>17- Auto</b>			0-255
<b>18- Speed</b>			0-255
<b>19- Reserved</b>			-
<b>20- Reserved</b>			-

### 6.3 HIGH RESOLUTION MODE 35CH

CHANNEL	FUNCTION	VALUE	DMX
<b>1- Tilt-high</b>	Tilt coarse	0-210°	0-255
<b>2- Tilt-low</b>	Tilt fine		0-255
<b>3- Zoom</b>	Wide(flood)-narrow	50-7°	0-255
<b>4- CTO</b>	NO CTO Continuous - color- temperature correction	Applicable for all color	0-7 8-255
<b>5- Set-1 color(fixed)</b>	No color Color 01- Red Color 02- Amber Color 03- Warm white Color 04- Yellow Color 05- Light green Color 06-Light blue Color 07-Rose red Color 08-Blue Color 09-Pink Color 10-Warm white Color 11-Magenta Color 12-White No function Red No function	Dark to bright	0-7 8-14 15-21 22-28 29-35 36-42 43-49 50-57 58-63 64-70 71-77 78-91 92-98 99-105 106-126 127-255
<b>6- Set 1 red</b>	Mixing system R	0-100%	0-255
<b>7- Set 1green</b>	Mixing system G	0-100%	0-255
<b>8- Set 1 blue</b>	Mixing system B	0-100%	0-255
<b>9- Set 1 white</b>	Mixing system W	0-100%	0-255
<b>10- Set intensity</b>	Intensity	0-100%	0-255

CHANNEL	FUNCTION	VALUE	DMX
<b>11-Shutter</b>	Shutter closed Shutter pulse random Fade on,snap off Snap on,fade off Fade on,fade off Strobe random Strobe effect slow-fast Shutter closed	Slow-fast Slow-fast Slow-fast Slow- fast 5s-0.1s 1HZ-10HZ	0-15 16-47 48-79 80-111 112-143 144-199 200-239 240-255
<b>12 - Intensity High</b>	Intensity-coarse	0-100%	0-255
<b>13 - Intensity Low</b>	Intensity-Low	-	0-255
<b>14- Special</b>		Reset	252-255
<b>15- Set 2 color</b>	Values see channel 5		
<b>16 set 2 R</b>	Mixing system R	0-100%	0-255
<b>17 set 2 G</b>	Mixing system G	0-100%	0-255
<b>18 set 2 B</b>	Mixing system B	0-100%	0-255
<b>19 set 2 W</b>	Mixing system W	0-100%	0-255
<b>20- Set 2 Intensity</b>	Intensity	0-100%	0-255
<b>21- Set 3 color</b>	Values see channel 5	-	-
<b>22- Set 3 R</b>	Mixing system R	0-100%	0-255
<b>23- Set 3 G</b>	Mixing system G	0-100%	0-255
<b>24- Set 3 B</b>	Mixing system B	0-100%	0-255
<b>25- Set 3 W</b>	Mixing system W	0-100%	0-255
<b>26- Set 3 Intensity</b>	Intensity	0-100%	0-255
<b>27- Crossfade</b>	Blank		0-255
<b>28- Star effect</b>	Blank		0-255
<b>29- Set 1 Pattern select</b>	Effect		0-255
<b>30- Set 1 pattern movement</b>	Speed		0-255
<b>31- Set 2 pattern select</b>	Blank		0-255
<b>32- Set 2 Pattern Move</b>	Blank		0-255
<b>33- Pixel select 1-8</b>	Blank		0-255
<b>34- Pixel select 9-16</b>	Blank		0-255
<b>35- Pixel select 17-20</b>	Blank		0-255

## 6.5 DUAL PIXEL MODE 48CH

CHANNEL	FUNCTION	VALUE	DMX
<b>1- Tilt-high</b>	Tilt coarse	0-210°	0-255
<b>2- Tilt-low</b>	Tilt fine		0-255
<b>3- Shutter</b>	Shutter closed Shutter pulse random Fade on,snap off Snap on,fade off Fade on,fade off Strobe random Strobe effect slow-fast Shutter closed	Slow-fast Slow-fast Slow-fast Slow-fast 5s-0.1s 1HZ-10HZ	0-15 16-47 48-79 80-111 112-143 144-199 200-239 240-255
<b>4 - Intensity</b>	Intensity	0-100%	0-255
<b>5- CTO</b>	NO CTO Continuous - color- temperature correction	Applicable for all color	0-7 8-255
<b>6- Special</b>		Reset	252-255
<b>7- Crossfade</b>	Blank	0-100%	0-255
<b>8- Zoom</b>	Wide(flood)-narrow	60-3°	0-255
<b>9- Set 1&amp;2 R</b>	Mixing system R	0-100%	0-255
<b>10- Set 1&amp;2 G</b>	Mixing system G	0-100%	0-255
<b>11- Set 1&amp;2 B</b>	Mixing system B	0-100%	0-255
<b>12- Set 1&amp;2 W</b>	Mixing system W	0-100%	0-255
<b>13- Set 3&amp;4 R</b>	Mixing system R	0-100%	0-255
<b>14- Set 3&amp;4 G</b>	Mixing system G	0-100%	0-255
<b>15- Set 3&amp;4 B</b>	Mixing system B	0-100%	0-255
<b>16- Set 3&amp;4 W</b>	Mixing system W	0-100%	0-255
<b>17- Set 5&amp;6 R</b>	Mixing system R	0-100%	0-255
<b>18- Set 5&amp;6 G</b>	Mixing system G	0-100%	0-255
<b>19- Set 5&amp;6 B</b>	Mixing system B	0-100%	0-255
<b>20- Set 5&amp;6 W</b>	Mixing system W	0-100%	0-255
<b>21- Set 7&amp;8 R</b>	Mixing system R	0-100%	0-255
<b>22- Set 7&amp;8 G</b>	Mixing system G	0-100%	0-255
<b>23- Set 7&amp;8 B</b>	Mixing system B	0-100%	0-255
<b>24- Set 7&amp;8 W</b>	Mixing system W	0-100%	0-255
<b>25- Set 9&amp;10 R</b>	Mixing system R	0-100%	0-255
<b>26- Set 9&amp;10 G</b>	Mixing system G	0-100%	0-255

<b>CHANNEL</b>	<b>FUNCTION</b>	<b>VALUE</b>	<b>DMX</b>
<b>27- Set 9&amp;10 B</b>	Mixing system B	0-100%	0-255
<b>28- Set 9&amp;10 W</b>	Mixing system W	0-100%	0-255
<b>29- Set 11&amp;12 R</b>	Mixing system R	0-100%	0-255
<b>30- Set 11&amp;12 G</b>	Mixing system G	0-100%	0-255
<b>31- Set 11&amp;12 B</b>	Mixing system B	0-100%	0-255
<b>32- Set 11&amp;12 W</b>	Mixing system W	0-100%	0-255
<b>33- Set 13&amp;14 R</b>	Mixing system R	0-100%	0-255
<b>34- Set 13&amp;14 G</b>	Mixing system G	0-100%	0-255
<b>35- Set 13&amp;14 B</b>	Mixing system B	0-100%	0-255
<b>36- Set 13&amp;14 W</b>	Mixing system W	0-100%	0-255
<b>37- Set 15&amp;16 R</b>	Mixing system R	0-100%	0-255
<b>38- Set 15&amp;16 G</b>	Mixing system G	0-100%	0-255
<b>39- Set 15&amp;16 B</b>	Mixing system B	0-100%	0-255
<b>40- Set 15&amp;16 W</b>	Mixing system W	0-100%	0-255
<b>41- Set 17&amp;18 R</b>	Mixing system R	0-100%	0-255
<b>42- Set 17&amp;18 G</b>	Mixing system G	0-100%	0-255
<b>43- Set 17&amp;18 B</b>	Mixing system B	0-100%	0-255
<b>44- Set 17&amp;18 W</b>	Mixing system W	0-100%	0-255
<b>45- Set 19&amp;20 R</b>	Mixing system R	0-100%	0-255
<b>46- Set 19&amp;20 G</b>	Mixing system G	0-100%	0-255
<b>47- Set 19&amp;20 B</b>	Mixing system B	0-100%	0-255
<b>48- Set 19&amp;20 W</b>	Mixing system W	0-100%	0-255

## 6.6 DUAL PIXEL HIGH RESOLUTION MODE 49CH

CHANNEL	FUNCTION	VALUE	DMX
<b>1- Tilt-high</b>	Tilt coarse	0-210°	0-255
<b>2- Tilt-low</b>	Tilt fine		0-255
<b>3- Shutter</b>	Shutter closed Shutter pulse random Fade on,snap off Snap on,fade off Fade on,fade off Strobe random Strobe effect slow-fast Shutter closed	Slow-fast Slow-fast Slow-fast Slow- fast 5s-0.1s 1HZ-10HZ	0-15 16-47 48-79 80-111 112-143 144-199 200-239 240-255
<b>4 - Intensity High</b>	Intensity-coarse	0-100%	0-255
<b>5 - Intensity Low</b>	Intensity-fine	-	0-255
<b>6- CTO</b>	NO CTO Continuous - color- temperature correction	Applicable for all color	0-7 8-255
<b>7- Special</b>		Reset	252-255
<b>8- Crossfade</b>	Blank	0-100%	0-255
<b>9- Zoom</b>	Wide(flood)-narrow	60-3°	0-255
<b>10- Set 1&amp;2 R</b>	Mixing system R	0-100%	0-255
<b>11- Set 1&amp;2 G</b>	Mixing system G	0-100%	0-255
<b>12- Set 1&amp;2 B</b>	Mixing system B	0-100%	0-255
<b>13- Set 1&amp;2 W</b>	Mixing system W	0-100%	0-255
<b>14- Set 3&amp;4 R</b>	Mixing system R	0-100%	0-255
<b>15- Set 3&amp;4 G</b>	Mixing system G	0-100%	0-255
<b>16- Set 3&amp;4 B</b>	Mixing system B	0-100%	0-255
<b>17- Set 3&amp;4 W</b>	Mixing system W	0-100%	0-255
<b>18- Set 5&amp;6 R</b>	Mixing system R	0-100%	0-255
<b>19- Set 5&amp;6 G</b>	Mixing system G	0-100%	0-255
<b>20- Set 5&amp;6 B</b>	Mixing system B	0-100%	0-255
<b>21- Set 5&amp;6 W</b>	Mixing system W	0-100%	0-255
<b>22- Set 7&amp;8 R</b>	Mixing system R	0-100%	0-255
<b>23- Set 7&amp;8 G</b>	Mixing system G	0-100%	0-255
<b>24- Set 7&amp;8 B</b>	Mixing system B	0-100%	0-255
<b>25- Set 7&amp;8 W</b>	Mixing system W	0-100%	0-255
<b>26- Set 9&amp;10 R</b>	Mixing system R	0-100%	0-255

<b>CHANNEL</b>	<b>FUNCTION</b>	<b>VALUE</b>	<b>DMX</b>
<b>27- Set 9&amp;10 G</b>	Mixing system G	0-100%	0-255
<b>28- Set 9&amp;10 B</b>	Mixing system B	0-100%	0-255
<b>29- Set 9&amp;10 W</b>	Mixing system W	0-100%	0-255
<b>30- Set 11&amp;12 R</b>	Mixing system R	0-100%	0-255
<b>31- Set 11&amp;12 G</b>	Mixing system G	0-100%	0-255
<b>32- Set 11&amp;12 B</b>	Mixing system B	0-100%	0-255
<b>33- Set 11&amp;12 W</b>	Mixing system W	0-100%	0-255
<b>34- Set 13&amp;14 R</b>	Mixing system R	0-100%	0-255
<b>35- Set 13&amp;14 G</b>	Mixing system G	0-100%	0-255
<b>36- Set 13&amp;14 B</b>	Mixing system B	0-100%	0-255
<b>37- Set 13&amp;14 W</b>	Mixing system W	0-100%	0-255
<b>38- Set 15&amp;16 R</b>	Mixing system R	0-100%	0-255
<b>39- Set 15&amp;16 G</b>	Mixing system G	0-100%	0-255
<b>40- Set 15&amp;16 B</b>	Mixing system B	0-100%	0-255
<b>41- Set 15&amp;16 W</b>	Mixing system W	0-100%	0-255
<b>42- Set 17&amp;18 R</b>	Mixing system R	0-100%	0-255
<b>43- Set 17&amp;18 G</b>	Mixing system G	0-100%	0-255
<b>44- Set 17&amp;18 B</b>	Mixing system B	0-100%	0-255
<b>45- Set 17&amp;18 W</b>	Mixing system W	0-100%	0-255
<b>46- Set 19&amp;20 R</b>	Mixing system R	0-100%	0-255
<b>47- Set 19&amp;20 G</b>	Mixing system G	0-100%	0-255
<b>48- Set 19&amp;20 B</b>	Mixing system B	0-100%	0-255
<b>49- Set 19&amp;20 W</b>	Mixing system W	0-100%	0-255

## 6.7 DUAL PIXEL MODE 48CH

CHANNEL	FUNCTION	VALUE	DMX
<b>1- Tilt-high</b>	Tilt coarse	0-210°	0-255
<b>2- Tilt-low</b>	Tilt fine		0-255
<b>3- Shutter</b>	Shutter closed Shutter pulse random Fade on,snap off Snap on,fade off Fade on,fade off Strobe random Strobe effect slow-fast Shutter closed	Slow-fast Slow-fast Slow-fast Slow- fast 5s-0.1s 1HZ-10HZ	0-15 16-47 48-79 80-111 112-143 144-199 200-239 240-255
<b>4 - Intensity High</b>	Intensity-coarse	0-100%	0-255
<b>5 - Intensity Low</b>	Intensity-fine	-	0-255
<b>6- CTO</b>	NO CTO Continuous - color- temperature correction	Applicable for all color	0-7 8-255
<b>7- Special</b>		Reset	252-255
<b>8- Crossfade</b>	Blank	0-100%	0-255
<b>9- Zoom</b>	Wide(flood)-narrow	60-3°	0-255
<b>10- Set 1 R</b>	Mixing system R	0-100%	0-255
<b>11- Set 1 G</b>	Mixing system G	0-100%	0-255
<b>12- Set 1 B</b>	Mixing system B	0-100%	0-255
<b>13- Set 1 W</b>	Mixing system W	0-100%	0-255
<b>14- Set 2 R</b>	Mixing system R	0-100%	0-255
<b>15- Set 2 G</b>	Mixing system G	0-100%	0-255
<b>16- Set 2 B</b>	Mixing system B	0-100%	0-255
<b>17- Set 2 W</b>	Mixing system W	0-100%	0-255
<b>18- Set 3 R</b>	Mixing system R	0-100%	0-255
<b>19- Set 3 G</b>	Mixing system G	0-100%	0-255
<b>20- Set 3 B</b>	Mixing system B	0-100%	0-255
<b>21- Set 3 W</b>	Mixing system W	0-100%	0-255
<b>22- Set 4 R</b>	Mixing system R	0-100%	0-255
<b>23- Set 4 G</b>	Mixing system G	0-100%	0-255
<b>24- Set 4 B</b>	Mixing system B	0-100%	0-255
<b>25- Set 4 W</b>	Mixing system W	0-100%	0-255
<b>26- Set 5 R</b>	Mixing system R	0-100%	0-255

<b>CHANNEL</b>	<b>FUNCTION</b>	<b>VALUE</b>	<b>DMX</b>
<b>27- Set 5 G</b>	Mixing system G	0-100%	0-255
<b>28- Set 5 B</b>	Mixing system B	0-100%	0-255
<b>29- Set 5 W</b>	Mixing system W	0-100%	0-255
<b>30- Set 6 R</b>	Mixing system R	0-100%	0-255
<b>31- Set 6 G</b>	Mixing system G	0-100%	0-255
<b>32- Set 6 B</b>	Mixing system B	0-100%	0-255
<b>33- Set 6 W</b>	Mixing system W	0-100%	0-255
<b>34- Set 7 R</b>	Mixing system R	0-100%	0-255
<b>35- Set 7 G</b>	Mixing system G	0-100%	0-255
<b>36- Set 7 B</b>	Mixing system B	0-100%	0-255
<b>37- Set 7 W</b>	Mixing system W	0-100%	0-255
<b>38- Set 8 R</b>	Mixing system R	0-100%	0-255
<b>39- Set 8 G</b>	Mixing system G	0-100%	0-255
<b>40- Set 8 B</b>	Mixing system B	0-100%	0-255
<b>41- Set 8 W</b>	Mixing system W	0-100%	0-255
<b>42- Set 9 R</b>	Mixing system R	0-100%	0-255
<b>43- Set 9 G</b>	Mixing system G	0-100%	0-255
<b>44- Set 9 B</b>	Mixing system B	0-100%	0-255
<b>45- Set 9 W</b>	Mixing system W	0-100%	0-255
<b>46- Set 10 R</b>	Mixing system R	0-100%	0-255
<b>47- Set 10 G</b>	Mixing system G	0-100%	0-255
<b>48- Set 10 B</b>	Mixing system B	0-100%	0-255
<b>49- Set 10 W</b>	Mixing system W	0-100%	0-255
<b>50- Set 11 R</b>	Mixing system R	0-100%	0-255
<b>51- Set 11 G</b>	Mixing system G	0-100%	0-255
<b>52- Set 11 B</b>	Mixing system B	0-100%	0-255
<b>53- Set 11 W</b>	Mixing system W	0-100%	0-255
<b>54- Set 12 R</b>	Mixing system R	0-100%	0-255
<b>55- Set 12 G</b>	Mixing system G	0-100%	0-255
<b>56- Set 12 B</b>	Mixing system B	0-100%	0-255
<b>57- Set 12 W</b>	Mixing system W	0-100%	0-255
<b>58- Set 13 R</b>	Mixing system R	0-100%	0-255
<b>59- Set 13 G</b>	Mixing system G	0-100%	0-255
<b>60- Set 13 B</b>	Mixing system B	0-100%	0-255

<b>61- Set 13 W</b>	Mixing system W	0-100%	0-255
<b>62- Set 14 R</b>	Mixing system R	0-100%	0-255
<b>63- Set 14 G</b>	Mixing system G	0-100%	0-255
<b>64- Set 14 B</b>	Mixing system B	0-100%	0-255
<b>65- Set 14 W</b>	Mixing system W	0-100%	0-255
<b>66- Set 15 R</b>	Mixing system R	0-100%	0-255
<b>67- Set 15 G</b>	Mixing system G	0-100%	0-255
<b>68- Set 15 B</b>	Mixing system B	0-100%	0-255
<b>69- Set 15 W</b>	Mixing system W	0-100%	0-255
<b>70- Set 16 R</b>	Mixing system R	0-100%	0-255
<b>71- Set 16 G</b>	Mixing system G	0-100%	0-255
<b>72- Set 16 B</b>	Mixing system B	0-100%	0-255
<b>73- Set 16 W</b>	Mixing system W	0-100%	0-255
<b>74- Set 17 R</b>	Mixing system R	0-100%	0-255
<b>75- Set 17 G</b>	Mixing system G	0-100%	0-255
<b>76- Set 17 B</b>	Mixing system B	0-100%	0-255
<b>77- Set 17 W</b>	Mixing system W	0-100%	0-255
<b>78- Set 18 R</b>	Mixing system R	0-100%	0-255
<b>79- Set 18 G</b>	Mixing system G	0-100%	0-255
<b>80- Set 18 B</b>	Mixing system B	0-100%	0-255
<b>81- Set 18 W</b>	Mixing system W	0-100%	0-255
<b>82- Set 19 R</b>	Mixing system R	0-100%	0-255
<b>83- Set 19 G</b>	Mixing system G	0-100%	0-255
<b>84- Set 19 B</b>	Mixing system B	0-100%	0-255
<b>85- Set 19 W</b>	Mixing system W	0-100%	0-255
<b>86- Set 20 R</b>	Mixing system R	0-100%	0-255
<b>87- Set 20 G</b>	Mixing system G	0-100%	0-255
<b>88- Set 20 B</b>	Mixing system B	0-100%	0-255
<b>89- Set 20 W</b>	Mixing system W	0-100%	0-255

## 6. FIXED EQUIPMENT

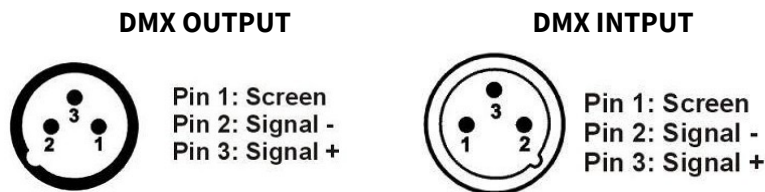
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Please fasten the fixture clamp before hanging. The clamp can be fasten by the little hole in the middle of the bracket, then tie with a safety belt. The loading

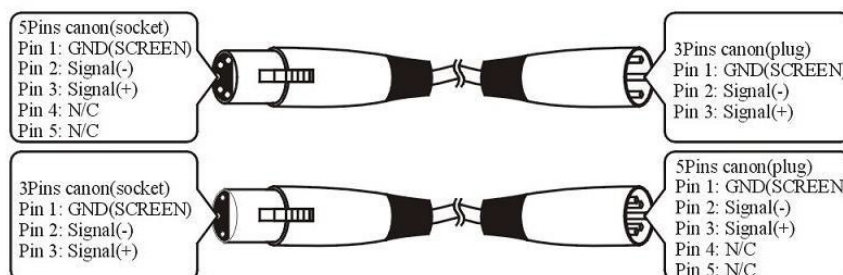
capacity of the safety belt should be 10 times than the weight of the fixture itself.

# 7. CONNECTION OF DMX-512 AND CONNECTION WITH THE LIGHT EQUIPMENT

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



**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.



# 8. MAINTENANCE

PROBLEMS	CHECK LIST	TROUBLE SHOOTING
The fixture do not work	<ol style="list-style-type: none"> <li>1. If your power as same as the input of the machine.</li> <li>2. If the fuse was broken.</li> </ol>	<ol style="list-style-type: none"> <li>1. Make sure the voltage.</li> <li>2. Replace the same fuse.</li> </ol>
LED dimmed	If your power us same as the input of the machine	Make sure the voltage input.
No DMX input	<ol style="list-style-type: none"> <li>1. If the polarity is opposited in the DMX controller.</li> <li>2. If it is in DMX mode.</li> <li>3. If there are 2 Master in a loop.</li> </ol>	<ol style="list-style-type: none"> <li>1. Correct the DMX polarity.</li> <li>2. Change to the DMX mode.</li> <li>3. Set one piece into Slave mode.</li> </ol>
Par Light Set works abnormality	<ol style="list-style-type: none"> <li>1. Check if the serial is correct on the Par Light display</li> </ol>	<ol style="list-style-type: none"> <li>1. Set the right serial No on the single Par Light</li> </ol>



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