Arena Zoom 10x40 IP65

User Manual

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

1 SAFETY TIPS

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

- non-professionals users should not disassemble the light arbitrarily for maintenance or repairs.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- Keep the fixture at least 1 meter distance from flammable materials.
- The fixture can be used in ambient temperature: -15 ℃ -40 ℃, the highest temperature of the surface of the lamp: 60 ℃.
- before using the fixture, must ensure the good grounding.
- the installation of fixtures, must be fixed screw fasteners with additional security cable and regular inspection.
- Fixtures movable parts require regular maintenance and inspection depending on the frequency of use.

- The air vents, airpaths, fans, should be inspected and cleared regularly.

2   TECHNICAL SPECIFICATIONS

Input Voltage: AC100-240V 50/60Hz

Power: 400W

Light Source: 10pcs LED each 40 W, RGBW 4in1.

Led Feature: Individual control of each LED.

Led life: 50,000 hours life expectancy.

Zoom Angle: 5.8~60°

DMX Channels: 33CH / 19CH / 34CH / 28CH / 29CH / 48CH / 49CH

Control mode: DMX 512, master-slave, sound, Auto

Dimmer: 0-100% electronic

Shutter: Max 10Hz electronically

Display: Colored LCD display

Cooling: Efficient low noise fan cooling system

Tilt movement: 240º

Power connector: PowerCON IN / OUT

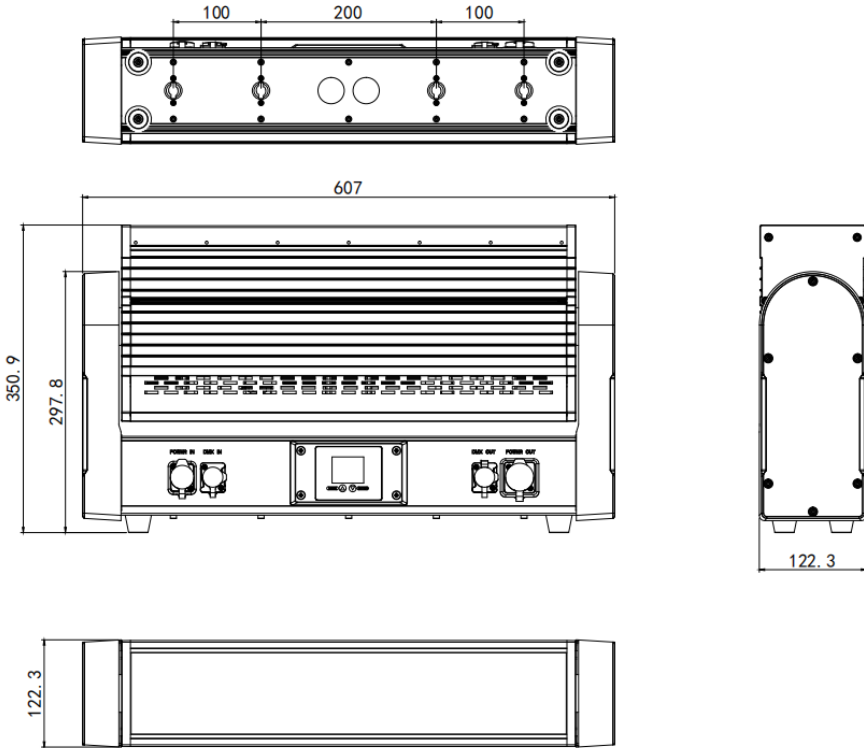DMX connector: 3-pin XLR connectors IN / OUT

IP rate: IP65

Dimension: 607 x 122.3 x 350.9 mm

N.W.: 15.67KG

Product Dimensions(mm):

3   DISPLAY MENU LAYOUT

DMX MODE	001-512
RUN	DMX512
	Auto1
	Auto 2
DMX MODE	33CH
	19CH
	34CH
	28CH

	29CH		
	48CH		
	49CH		
TEST	ALL		
	Pan&Tilt		
	Lamp Test		
SET	Display	Shutoff time	ON
			OFF
		Flip display	ON
			OFF
		Key lock	ON
			OFF
		Disp flash	ON
			OFF
	Tilt Reverse	ON	
		OFF	
	No DMX Status	Black	
		Hold	
	Language	English	
		中文	
INFO	Time info	Total	0000:00
		Power on	0000:00
	Version	SX- V1.01	
Manual	Zoom	000-255	
	Tilt	000-255	
	Fuction	000-255	
	Dimmer	000-255	
	Strobe	000-255	
	Macro	000-255	
	Red	000-255	
	Green	000-255	
	Blue	000-255	

	White	000-255
	Chase	000-255
	Speed	000-255
Reset	All Reset	No
		Yes

4 DMX CHANNEL SHEET

33CH		
Channel	DMX value	Function
1	0-255	Tilt
2	0-255	Tilt fine
3	0-255	Zoom,wide(flood)-Narrow(spot)
4	0-7	Reserved
	8-255	Reserved
5	Set 1 color(fixed)	
	0-7	Colors adjustable via RGB
	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-malve
	88-95	Color 11-magenta
	96-103	Color 12-Pink
	104-111	White-CTO (3200K)
	112-119	White (5600K)

	120-127	White-CTB (7200K)
	128-255	Rainbow effect
6	0-255	Set 1 red, color mixing system
7	0-255	Set 1 green, color mixing system
8	0-255	Set 1 blue, color mixing system
9	0-255	Set 1 white, color mixing system
10	0-255	Set 1 intensity
11	Shutter	
	0-9	Shutter closed
	10-109	Shutter pulse random, slow to fast
	110-239	Strobe effect, slow to fast
	240-255	Shutter closed
12	0-255	intensity
13	0-250	No function
	251-255	Reset
14		Set 2 color :Values see channel 5
15	0-255	Set 2 red, color mixing system
16	0-255	Set 2 green, color mixing system
17	0-255	Set 2 blue, color mixing system
18	0-255	Set 2 white, color mixing system
19	0-255	Set 2 intensity
20		Set 3 color: values se channel 5
21	0-255	Set 3 red, color mixing system
22	0-255	Set 3 green, color mixing system
23	0-255	Set 3 blue, color mixing system
24	0-255	Set 3 white, color mixing system
25	0-255	Set 3 intensity
26	0-255	Reserved
27	0-255	Reserved
28	0-255	Set 1 pattern select

29	0-255	Pattern movement
30	0-255	Set 2 pattern select
31	0-255	29ch pattern movement Speed, fast to slow
32	0-255	Reserved
33	0-255	Reserved

19CH		
Channel	DMX value	Function
1		Reserved
2		Reserved
3	0-255	Tilt
4	0-255	Tilt fine
5	Set 1 color(fixed)	
	0-7	Colors adjustable via RGB
	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-malve
	88-95	Color 11-magenta
	96-103	Color 12-Pink
	104-111	White-CTO (3200K)
	112-119	White (5600K)
	120-127	White-CTB (7200K)
	128-255	Rainbow effect

6	0-255	Set 1 red, color mixing system
7	0-255	Set 1 green, color mixing system
8	0-255	Set 1 blue, color mixing system
9	0-255	Set 1 white, color mixing system
10	Shutter	
	0-9	Shutter closed
	10-109	Shutter pulse random, slow to fast
	110-239	Strobe effect, slow to fast
	240-255	Shutter closed
11	0-255	Intensity
12	0-7	Reserved
	8-255	Reserved
13	0-250	No function
	251-255	Reset
14	0-255	Reserved
15	0-255	Pattern movement
16	0-255	Zoom,wide(flood)-Narrow(spot)
17	0-255	Set 1 pattern select
18	0-255	Reserved
19	0-255	Reserved

34CH		
Channel	DMX value	Function
1	0-255	Tilt
2	0-255	Tilt fine
3	0-255	Zoom,wide(flood)-Narrow(spot)
4	0-7	Reserved
	8-255	Reserved
5	Set 1 color(fixed)	
	0-7	Colors adjustable via RGB

		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-malve
		88-95	Color 11-magenta
		96-103	Color 12-Pink
		104-111	White-CTO (3200K)
		112-119	White (5600K)
		120-127	White-CTB (7200K)
		128-255	Rainbow effect
6	0-255		Set 1 red, color mixing system
7	0-255		Set 1 green, color mixing system
8	0-255		Set 1 blue, color mixing system
9	0-255		Set 1 white, color mixing system
10	0-255		Set 1 intensity
11	Shutter		
	0-9		Shutter closed
	10-109		Shutter pulse random, slow to fast
	110-239		Strobe effect, slow to fast
	240-255		Shutter closed
12	0-255		Intensity
13	0-255		Reserved
14	0-250		No function
	251-255		Reset

15		Set 2 color :Values see channel 5
16	0-255	Set 2 red, color mixing system
17	0-255	Set 2 green, color mixing system
18	0-255	Set 2 blue, color mixing system
19	0-255	Set 2 white, color mixing system
20	0-255	Set 2 intensity
21		Set 3 color: values se channel 5
22	0-255	Set 3 red, color mixing system
23	0-255	Set 3 green, color mixing system
24	0-255	Set 3 blue, color mixing system
25	0-255	Set 3 white, color mixing system
26	0-255	Set 3 intensity
27	0-255	Reserved
28	0-255	Reserved
29	0-255	Set 1 pattern select
30	0-255	Pattern movement
31	0-255	Set 2 pattern select
32	0-255	30ch pattern movement speed, fast to slow
33	0-255	Reserved
34	0-255	Reserved

28CH		
Channel	DMX value	Function
1	0-255	Tilt
2	0-255	Tilt fine
3	Shutter	
	0-9	Shutter closed
	10-109	Shutter pulse random, slow to fast
	110-239	Strobe effect, slow to fast
	240-255	Shutter closed
4	0-255	Intensity
5	0-7	Reserved

	8-255	Reserved
6	0-250	No function
	251-255	Reset
7	0-255	Reserved
8	0-255	Zoom,wide(flood)-Narrow(spot)
9	0-255	Set 1&2 red, color mixing system
10	0-255	Set 1&2 green, color mixing system
11	0-255	Set 1&2 blue, color mixing system
12	0-255	Set 1&2 white, color mixing system
13	0-255	Set 3&4 red, color mixing system
14	0-255	Set 3&4 green, color mixing system
15	0-255	Set 3&4 blue, color mixing system
16	0-255	Set 3&4 white, color mixing system
17	0-255	Set 5&6 red, color mixing system
18	0-255	Set 5&6 green, color mixing system
19	0-255	Set 5&6 blue, color mixing system
20	0-255	Set 5&6white, color mixing system
21	0-255	Set 7&8 blue, color mixing system
22	0-255	Set 7&8 red, color mixing system
23	0-255	Set 7&8 green, color mixing system
24	0-255	Set 7&8 blue, color mixing system
25	0-255	Set 9&10 white, color mixing system
26	0-255	Set 9&10 red, color mixing system
27	0-255	Set 9&10 green, color mixing system
28	0-255	Set 9&10 blue, color mixing system

29CH		
Channel	DMX value	Function
1	0-255	Tilt

2	0-255	Tilt fine
3	Shutter	
	0-9	Shutter closed
	10-109	Shutter pulse random, slow to fast
	110-239	Strobe effect, slow to fast
	240-255	Shutter closed
4	0-255	Intensity
5	0-255	Reserved
6	0-7	Reserved
	8-255	Reserved
7	0-250	No function
	251-255	Reset
8	0-255	Reserved
9	0-255	Zoom,wide(flood)-Narrow(spot)
10	0-255	Set 1&2 red, color mixing system
11	0-255	Set 1&2 green, color mixing system
12	0-255	Set 1&2 blue, color mixing system
13	0-255	Set 1&2 white, color mixing system
14	0-255	Set 3&4 red, color mixing system
15	0-255	Set 3&4 green, color mixing system
16	0-255	Set 3&4 blue, color mixing system
17	0-255	Set 3&4 white, color mixing system
18	0-255	Set 5&6 red, color mixing system
19	0-255	Set 5&6 green, color mixing system
20	0-255	Set 5&6 blue, color mixing system
21	0-255	Set 5&6white, color mixing system
22	0-255	Set 7&8 blue, color mixing system
23	0-255	Set 7&8 red, color mixing system
24	0-255	Set 7&8 green, color mixing system
25	0-255	Set 7&8 blue, color mixing system

26	0-255	Set 9&10 white, color mixing system
27	0-255	Set 9&10 red, color mixing system
28	0-255	Set 9&10 green, color mixing system
29	0-255	Set 9&10 blue, color mixing system

48CH		
Channel	DMX value	Function
1	0-255	Tilt
2	0-255	Tilt fine
3	Shutter	
	0-9	Shutter closed
	10-109	Shutter pulse random, slow to fast
	110-239	Strobe effect, slow to fast
	240-255	Shutter closed
4	0-255	Intensity
5	0-7	Reserved
	8-255	Reserved
6	0-250	No function
	251-255	Reset
7	0-255	Reserved
8	0-255	Zoom,wide(flood)-Narrow(spot)
9	0-255	Set 1 red, color mixing system
10	0-255	Set 1 green, color mixing system
11	0-255	Set 1 blue, color mixing system
12	0-255	Set 1 white, color mixing system
13	0-255	Set 2 red, color mixing system
14	0-255	Set 2 green, color mixing system
15	0-255	Set 2 blue, color mixing system
16	0-255	Set 2 white, color mixing system

17	0-255	Set 3 red, color mixing system
18	0-255	Set 3 green, color mixing system
19	0-255	Set 3 blue, color mixing system
20	0-255	Set 3 white, color mixing system
21	0-255	Set 4 red, color mixing system
22	0-255	Set 4 green, color mixing system
23	0-255	Set 4 blue, color mixing system
24	0-255	Set 4 white, color mixing system
25	0-255	Set 5 red, color mixing system
26	0-255	Set 5 green, color mixing system
27	0-255	Set 5 blue, color mixing system
28	0-255	Set 5 white, color mixing system
29	0-255	Set 6 red, color mixing system
30	0-255	Set 6 green, color mixing system
31	0-255	Set 6 blue, color mixing system
32	0-255	Set 6 white, color mixing system
33	0-255	Set 7 red, color mixing system
34	0-255	Set 7 green, color mixing system
35	0-255	Set 7 blue, color mixing system
36	0-255	Set 7 white, color mixing system
37	0-255	Set 8 red, color mixing system
38	0-255	Set 8 green, color mixing system
39	0-255	Set 8 blue, color mixing system
40	0-255	Set 8 white, color mixing system
41	0-255	Set 9red, color mixing system
42	0-255	Set 9 green, color mixing system
43	0-255	Set 9 blue, color mixing system
44	0-255	Set 9 white, color mixing system
45	0-255	Set 10 red, color mixing system
46	0-255	Set 10 green, color mixing system
47	0-255	Set 10 blue, color mixing system
48	0-255	Set 10 white, color mixing system

49CH		
Channel	DMX value	Function
1	0-255	Tilt
2	0-255	Tilt fine
3	Shutter	
	0-9	Shutter closed
	10-109	Shutter pulse random, slow to fast
	110-239	Strobe effect, slow to fast
	240-255	Shutter closed
4	0-255	Intensity
5	0-255	Reserved
6	0-7	Reserved
	8-255	Reserved
7	0-250	No function
	251-255	Reset
8	0-255	Reserved
9	0-255	Zoom,wide(flood)-Narrow(spot)
10	0-255	Set 1 red, color mixing system
11	0-255	Set 1 green, color mixing system
12	0-255	Set 1 blue, color mixing system
13	0-255	Set 1 white, color mixing system
14	0-255	Set 2 red, color mixing system
15	0-255	Set 2 green, color mixing system
16	0-255	Set 2 blue, color mixing system
17	0-255	Set 2 white, color mixing system
18	0-255	Set 3 red, color mixing system
19	0-255	Set 3 green, color mixing system

20	0-255	Set 3 blue, color mixing system
21	0-255	Set 3 white, color mixing system
22	0-255	Set 4 red, color mixing system
23	0-255	Set 4 green, color mixing system
24	0-255	Set 4 blue, color mixing system
25	0-255	Set 4 white, color mixing system
26	0-255	Set 5 red, color mixing system
27	0-255	Set 5 green, color mixing system
28	0-255	Set 5 blue, color mixing system
29	0-255	Set 5 white, color mixing system
30	0-255	Set 6 red, color mixing system
31	0-255	Set 6 green, color mixing system
32	0-255	Set 6 blue, color mixing system
33	0-255	Set 6 white, color mixing system
34	0-255	Set 7 red, color mixing system
35	0-255	Set 7 green, color mixing system
36	0-255	Set 7 blue, color mixing system
37	0-255	Set 7 white, color mixing system
38	0-255	Set 8 red, color mixing system
39	0-255	Set 8 green, color mixing system
40	0-255	Set 8 blue, color mixing system
41	0-255	Set 8 white, color mixing system
42	0-255	Set 9red, color mixing system
43	0-255	Set 9 green, color mixing system
44	0-255	Set 9 blue, color mixing system
45	0-255	Set 9 white, color mixing system
46	0-255	Set 10 red, color mixing system
47	0-255	Set 10 green, color mixing system
48	0-255	Set 10 blue, color mixing system
49	0-255	Set 10 white, color mixing system

5 FIXED EQUIPMENT

Please fasten the fixture clamp before hanging. The clamp can be fastened 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 XLR CONNECTION LAYOUT

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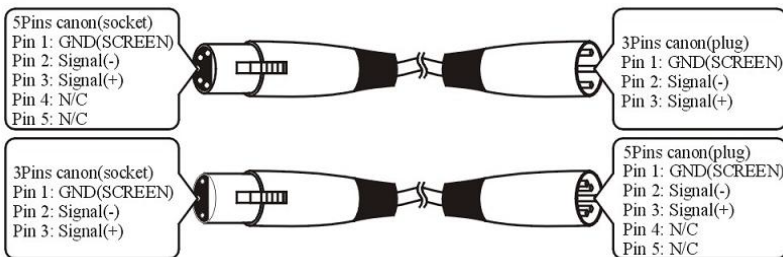
XLR connection :

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.

5Pins canon(socket)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
Pin 3: Signal(+)
Pin 4: N/C
Pin 5: N/C

3Pins canon(plug)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
Pin 3: Signal(+)

3Pins canon(socket)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
Pin 3: Signal(+)

5Pins canon(plug)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
Pin 3: Signal(+)
Pin 4: N/C
Pin 5: N/C

7 Maintenance / Troubleshooting

Problems	Check list	Trouble Shooting
The fixture does 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 reversed 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)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:

The manufacturer continues to improve the product, and all specifications are subject to change without notice. Consult the online user manual for an updated version in such case. Thank you for your understanding.