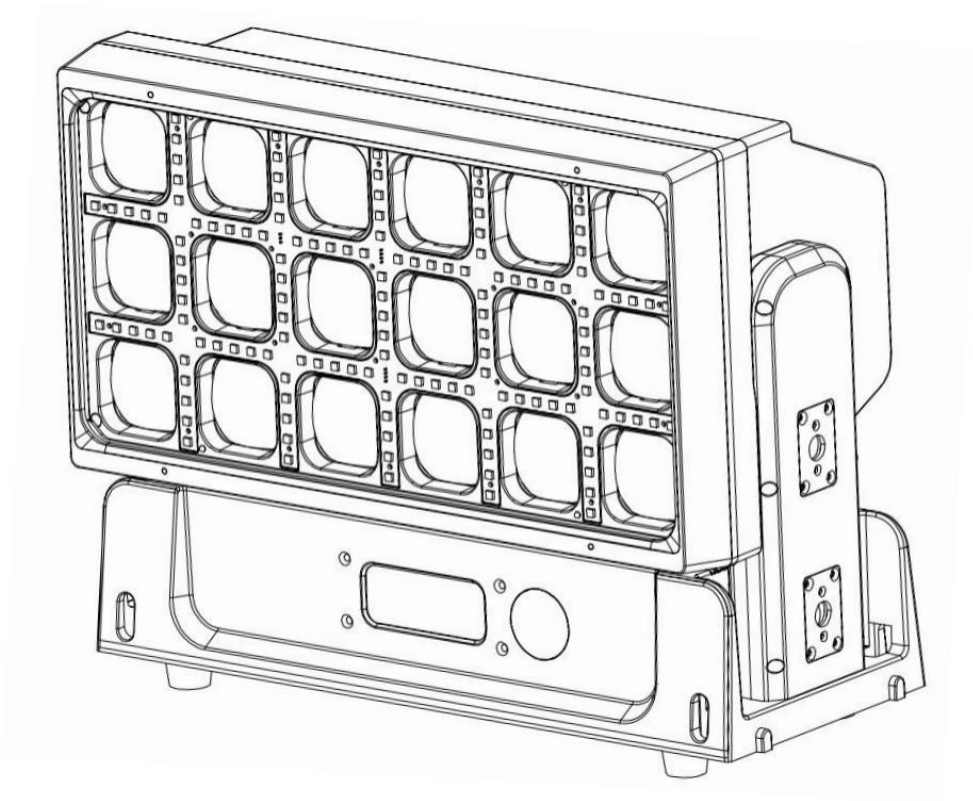




Fos AuraZoom FX IP65 User Manual



sACN



SAFETY PRECAUTIONS:

This fixture is a sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. Professional is not responsible for injuries and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/ or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.



PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF, AS DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/ OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/ OR REPAIRS.



**DO NOT PLUG FIXTURE INTO A DIMMER PACK!
NEVER OPEN THIS FIXTURE WHILE IN USE!
UNPLUG POWER BEFORE SERVICING FIXTURE!**



NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT! KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!



**NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
RETINA INJURY RISK - MAY INDUCE BLINDNESS!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!**



ENSURE ALL CONNECTIONS AND END CAPS ARE PROPERLY SEALED WITH A DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) TO PREVENT WATER CORROSION AND/ OR ELECTRICAL SHORT CIRCUIT.



MINIMUM DISTANCE TO OBJECTS/SURFACES

MUST BE 3.3 FEET (1 METER)

MAXIMUM TEMP OF EXTERNAL SURFACE 185° F (85° C)

MINIMUM DISTANCE OF FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0.5 METER)

SAFETY PRECAUTIONS:

- DO NOT TOUCH the fixture housing during operation. Turn OFF the power and allow approximately 15 minutes for the fixture to cool down before servicing.
- DO NOT shake fixture, and avoid brute force when installing and/or operating fixture.
- DO NOT operate fixture if the power cord is frayed, crimped, damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease.
- NEVER force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of the same power rating.
- DO NOT block any air ventilation slots.
- All fan and air inlets must remain clean and never blocked.
- Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling.
- Always disconnect fixture from main power source before performing any type of service and/or cleaning procedure.
- Only handle the power cord by the plug end. Never pull out the plug by tugging the wire portion of the cord.
- During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time.
- Consistent operational breaks will ensure fixture will function properly for many years .
- ONLY use the original packaging and materials to transport the fixture in for service.

MAINTENANCE GUIDELINES:



DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Periodically clean the external lens surface with a soft cloth to avoid dirt/debris accumulation. **NEVER** use alcohol, solvents, or ammonia-based cleaners .

MAINTENANCE

Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized our service technician. Should you need any spare parts, please order genuine parts from your local dealer.

Please refer to the following points during routine inspections:

- A detailed electric check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, color lenses, rigging hardware, and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue or sediments. **NEVER** remove the ground prong from the power cable.

INSTALLATION GUIDELINES:



FLAMMABLE MATERIAL WARNING

Keep fixture minimum 5.0 feet (1.5m) away from flammable materials and/or pyrotechnics.



ELECTRICAL CONNECTIONS

A qualified electrician should be used for all electrical connections and/or installations.



MINIMUM DISTANCE TO SURFACES/OBJECTS IS 3.3 FEET (1 METER).

MINIMUM DISTANCE TO FLAMMABLE MATERIALS IS 1.6 FEET (0.5 METER).

EXTERNAL SURFACE CAN REACH TEMPERATURES OF 185° F (85° C).



DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!

Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.

Before rigging/mounting a single fixture or multiple fixtures to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.

Overhead rigging requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the fixture, among other skills. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

Fixture ambient operating temperature range is -4° to 113°F (-20° to 45°C). Do not operate the fixture when the ambient temperature falls outside of this range.

Fixture(s) should be installed away from walking paths, seating areas, or areas where unauthorized personnel might reach the fixture by hand.

NEVER stand directly below the fixture(s) when rigging, removing, or servicing.

Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.

Allow approximately 15 minutes for the fixture to cool down before serving.

MENU:

Main Menu	Sub Menu	Option/Value	Option/Value
Control	Base Control	DMX Address	001-512
		Channel Mode	31CH
			43CH
			67CH
			147CH
		Protocol	Art-net
			sACN
			DMX
		Wireless Signal	Wireless OFF
			Wireless First
	Wireless Second		
	Wireless Only		
	Universe	00001-32767	
	Main Pixels Ctrl	DMX Address	001-512
		Protocol	Art-net sACN
		Universe	00001-32767
		Color Mode	RGB RGBL
	Aura Pixels Ctrl	DMX Address	001-512
		Protocol	Art-net sACN
		Universe	00001-32767
	Net to DMX	No	
		YES	
	WDMX to DMX	No	
		YES	
Wireless Free	Cancel		
	OK		
Manual	Tilt		
	Tilt Fine		
	...		
	Crossfade		
Network	IP Mode	DHCP	
		Static	
	IP Address	000.000.000.000	
	Subnet Mask	255.000.000.000	
Settings	Display	Always ON	
		10 sec	
		30 sec	
		1min	

	Display Invert	NO	
		YES	
	Key Lock	NO	
		YES	
	DMX Loss	Hold	
		Blacklout	
	Dimmer Speed	Standard	
		Fast	
		Slow	
	Dimmer Curve	Linear	
		Square	
		S-Shape	
	LED Frequency	4 KHz	
		8 KHz	
		16 KHz	
		24 KHz	
	Red Shift	Off	
		On	
	Pixel Invert	Off	
		On	
	Fan Mode	Auto	
		Silent	
		Full	
	Tilt Setting	Reversal	
Calibration			
Encoder			
Zoom Setting	Calibration		
	sensor	disable Enable	
Color Calibration	RAW Mode		
	Adjust Mode1	RGBL	
	Adjust Mode1	RGBL1-RGBL18	
Factory Reset	No		
	Yes		
Preset	Save Preset	Preset1	
		Preset2	
		Preset3	
		Preset4	
	Recall Preset	Preset1	
		Preset2	
		Preset3	
		Preset4	
Information	Error Info	*	
	Temperature	°C	
	Version	*	
	UID	*	

DMX CHARTS:

31 Channel Mode

Channel	Parameter	Value	Function
1	Tilt Rotate	0-255	0° - 180°
2	Tilt Rotate Fine	0-255	16bit adjustable
3	Tilt Motor Speed	0-255	Fast to slow
4	Control	0-4	
		5-9	Display Always on
		10-14	Display stays on for 10s
		15-19	Display stays on for 30s
		20-24	Display stays on for 1 mins
		25-29	Screen Lock: Off
		30-34	Screen Lock: On
		35-39	Signal Hold
		40-44	Black out
		45-59	No function
		60-64	Standard Dimming
		65-69	Fast Dimming
		70-74	Slow Dimming
		75-84	No function
		85-89	Dimming Curve: Linear
		90-94	Dimming Curve: Square
		95-99	Dimming Curve: S-Curve
		100-109	No function
		110-114	4K
		115-119	8K
		120-124	16K
		125-129	24K
		130-139	No function
		140-144	Auto Fan Mode
		145-149	Silent Fan Mode
		150-154	Full Fan Mode
		155-164	No function
		165-169	Red Shift: Off
		170-174	Red Shift: On
		175-179	Pixel Invert: Off
180-184	Pixel Invert: On		
185-214	No function		
215-219	Tilt Invert: Off		
220-224	Tilt Invert: On		
225-229	Error Correction: Off		
230-234	Error Correction: On		
235-239	Tilt Reset		
240-244	Focus Reset		
245-249	Reset All		
250-255	No function		
5	Zoom	0-255	5°-20°
6	Master Dimmer	0-255	Dark to bright

7	Master Dimmer Fine	0-255	16bit Dimmer
8	RGBL Dimmer	0-255	Dark to bright
9	RGBL Dimmer Fine	0-255	16bit Dimmer
10	WW+CW Dimmer	0-255	Dark to bright
11	RGBL Strobe	0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Random,slow->fast
		086-110	Random Strobe Effect
		111-135	Strobe Break Effect
		136-250	Strobe slow ->fast
		251-255	Strobe Open
12	CW+WW Strobe	0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Random,slow->fast
		086-110	Random Strobe Effect
		111-135	Strobe Break Effect
		136-250	Strobe slow ->fast
		251-255	Strobe Open
13	R	0-255	Dark to bright
14	R fine	0-255	Dark to bright
15	G	0-255	Dark to bright
16	G fine	0-255	Dark to bright
17	B	0-255	Dark to bright
18	B fine	0-255	Dark to bright
19	L	0-255	Dark to bright
20	L fine	0-255	Dark to bright
21	WW	0-255	Dark to bright
22	CW	0-255	Dark to bright
23	CTO	0-5	No function
		6-21	1800K
		22-37	2000K
		38-53	2500K
		54-69	2700K
		70-85	3000K
		86-101	3200K
		102-117	3500K
		118-133	4000K
		134-149	4500K
		150-165	5000K
		166-181	5600K
		182-197	6000K
		198-213	6500K
		214-229	7200K
230-255	8000K		
24	Color Temperature Compensation	000-000	OFF
		001-127	From Magenta to OFF
		128-128	OFF
		129-255	From OFF to Green

25	Color Macro	000-005	No function
		006-010	Cyan (R=000,G=255,B=255)
		011-015	Magenta (R=255,G=000,B=255)
		016-020	Yellow (R=255,G=255,B=000)
		021-025	CTO 3200K (R=255,G=147,B=041)
		026-030	Flame Red (R=255,G=080,B=000)
		031-035	Rose Red (R=255,G=050,B=000)
		036-040	Sunset Red (R=255,G=050,B=000)
		041-045	Dark Pink (R=170,G=000,B=100)
		046-050	Bright Pink (R=255,G=100,B=180)
		051-055	Golden Amber (R=255,G=200,B=000)
		056-060	Bastard Amber (R=255,G=150,B=000)
		061-065	Full C.T. Orange (R=255,G=165,B=000)
		066-070	Sky Blue (R=135,G=206,B=255)
		071-075	Steel Blue (R=070,G=130,B=180)
		076-080	Light Blue (R=173,G=216,B=230)
		081-085	Medium Blue (R=000,G=000,B=200)
		086-090	Summer Blue (R=100,G=140,B=255)
		091-095	Pale Navy Blue (R=065,G=090,B=150)
		096-100	Lagoon Blue (R=100,G=140,B=255)
		101-105	Lighter Blue (R=173,G=216,B=230)
		106-110	Lime Green (R=050,G=255,B=050)
		111-115	Moss Green (R=100,G=140,B=050)
		116-120	Forest Green (R=034,G=139,B=034)
		121-125	Pale Green (R=150,G=255,B=120)
		126-130	Sea Green (R=046,G=139,B=087)
		131-135	Spring Green (R=100,G=080,B=127)
		136-140	Aquamarine (R=070,G=255,B=180)
		141-145	Emerald Green (R=080,G=200,B=120)
		186-220	Rainbow Effect-Continuous color flow
240-247	Color Macro Jump		
221-255	Color Macro Fade-Smooth transition between macros		
26	RGLB LEDs Built-in Program	000-009	No function
		010-034	Program 1
		035-059	Program 2
		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7

		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
		245-255	Loop Program 1-10
27	RGBL LEDs Built-in Program Speed	0-255	0-127 INDEX ,128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
28	Aura LEDs Built-in Program	000-009	No function
		010-034	Program 1
		035-059	Program 2
		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7
		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
		245-255	Loop Program 1-10
29	Aura LEDs Built-in Program Speed	0-255	0-127 INDEX ,128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
30	Program Fade	0-255	Max tail length: 3-4 (Subject to visual effect)
31	Pixel Control	0-255	000-015 DMX Control 016-238 Mixed Mode 239-255 Network Control

43 Channel Mode

Channel	Parameter	Value	Function
1	Tilt Rotate	0-255	0°- 180°
2	Tilt Rotate Fine	0-255	16bit adjustable
3	Tilt Motor Speed	0-255	Fast to slow
4	Control	0-4	
		5-9	Display Always on
		10-14	Display stays on for 10s
		15-19	Display stays on for 30s
		20-24	Display stays on for 1 mins
		25-29	Screen Lock: Off
		30-34	Screen Lock: On
		35-39	Signal Hold
		40-44	Black out
		45-59	No function
		60-64	Standard Dimming
		65-69	Fast Dimming

		70-74	Slow Dimming
		75-84	No function
		85-89	Dimming Curve: Linear
		90-94	Dimming Curve: Square
		95-99	Dimming Curve: S-Curve
		100-109	No function
		110-114	4K
		115-119	8K
		120-124	16K
		125-129	24K
		130-139	No function
		140-144	Auto Fan Mode
		145-149	Silent Fan Mode
		150-154	Full Fan Mode
		155-164	No function
		165-169	Red Shift: Off
		170-174	Red Shift: On
		175-179	Pixel Invert: Off
		180-184	Pixel Invert: On
		185-214	No function
		215-219	Tilt Invert: Off
		220-224	Tilt Invert: On
		225-229	Error Correction: Off
		230-234	Error Correction: On
		235-239	Tilt Reset
		240-244	Focus Reset
		245-249	Reset All
		250-255	No function
5	Zoom	0-255	5°-20°
6	Master Dimmer	0-255	Dark to bright
7	Master Dimmer Fine	0-255	16bit Dimmer
8	RGBL Dimmer	0-255	Dark to bright
9	RGBL Dimmer Fine	0-255	16bit Dimmer
10	WW+CW Dimmer	0-255	Dark to bright
11	RGBL Strobe	0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Randon,slow->fast
		086-110	Random Strobe Effect
		111-135	Strobe Break Effect
		136-250	Strobe slow ->fast
		251-255	Strobe Open
12	CW+WW Strobe	0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Randon,slow->fast
		086-110	Random Strobe Effect

		111-135	Strobe Break Effect		
		136-250	Strobe slow ->fast		
		251-255	Strobe Open		
13	CTO	0-5	No function		
		6-21	1800K		
		22-37	2000K		
		38-53	2500K		
		54-69	2700K		
		70-85	3000K		
		86-101	3200K		
		102-117	3500K		
		118-133	4000K		
		134-149	4500K		
		150-165	5000K		
		166-181	5600K		
		182-197	6000K		
		198-213	6500K		
		214-229	7200K		
		230-255	8000K		
		14	Color Temperature Compensation	000-000	OFF
				001-127	From Magenta to OFF
128-128	OFF				
129-255	From OFF to Green				
15	Color Macro	000-005	No function		
		006-010	Cyan (R=000,G=255,B=255)		
		011-015	Magenta (R=255,G=000,B=255)		
		016-020	Yellow (R=255,G=255,B=000)		
		021-025	CTO 3200K (R=255,G=147,B=041)		
		026-030	Flame Red (R=255,G=080,B=000)		
		031-035	Rose Red (R=255,G=050,B=000)		
		036-040	Sunset Red (R=255,G=050,B=000)		
		041-045	Dark Pink (R=170,G=000,B=100)		
		046-050	Bright Pink (R=255,G=100,B=180)		
		051-055	Golden Amber (R=255,G=200,B=000)		
		056-060	Bastard Amber (R=255,G=150,B=000)		
		061-065	Full C.T. Orange (R=255,G=165,B=000)		
		066-070	Sky Blue (R=135,G=206,B=255)		
		071-075	Steel Blue (R=070,G=130,B=180)		
		076-080	Light Blue (R=173,G=216,B=230)		
		081-085	Medium Blue (R=000,G=000,B=200)		
		086-090	Summer Blue (R=100,G=140,B=255)		
		091-095	Pale Navy Blue (R=065,G=090,B=150)		
		096-100	Lagoon Blue (R=100,G=140,B=255)		

		101-105	Lighter Blue (R=173,G=216,B=230)
		106-110	Lime Green (R=050,G=255,B=050)
		111-115	Moss Green (R=100,G=140,B=050)
		116-120	Forest Green (R=034,G=139,B=034)
		121-125	Pale Green (R=150,G=255,B=120)
		126-130	Sea Green (R=046,G=139,B=087)
		131-135	Spring Green (R=100,G=080,B=127)
		136-140	Aquamarine (R=070,G=255,B=180)
		141-145	Emerald Green (R=080,G=200,B=120)
		186-220	Rainbow Effect-Continuous color flow
		240-247	Color Macro Jump
		221-255	Color Macro Fade-Smooth transition between macros
16	RGLB LEDs Built-in Program	000-009	No function
		010-034	Program 1
		035-059	Program 2
		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7
		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
		245-255	Loop Program 1-10
17	RGLB LEDs Built-in Program Speed	0-255	0-127 INDEX ,128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
18	Aura LEDs Built-in Program	000-009	No function
		010-034	Program 1
		035-059	Program 2
		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7
		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
		245-255	Loop Program 1-10
19	Aura LEDs Built-in Program Speed	0-255	0-127 INDEX ,128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
20	Program Fade	0-255	Max tail length: 3-4 (Subject to visual effect)
21	Pixel Control	0-255	000-015 DMX Control 016-238 Mixed Mode 239-255 Network Control

22	R-1	0-255	Row 1: Dark to Bright
23	G-1	0-255	
24	B-1	0-255	
25	L-1	0-255	
26	R-2	0-255	Row 2: Dark to Bright
27	G-2	0-255	
28	B-2	0-255	
29	L-2	0-255	
30	R-3	0-255	Row 3: Dark to Bright
31	G-3	0-255	
32	B-3	0-255	
33	L-3	0-255	
34	WW-1	0-255	Row 1: Dark to Bright
35	CW-1	0-255	
36	WW-2	0-255	Row 2: Dark to Bright
37	CW-2	0-255	
38	WW-3	0-255	Row 3: Dark to Bright
39	CW-3	0-255	
40	WW-4	0-255	Row 4: Dark to Bright
41	CW-4	0-255	
42	WW-5	0-255	Row 5: Dark to Bright
43	CW-5	0-255	

67 Channel Mode

Channel	Parameter	Value	Function
1	Tilt Rotate	0-255	0°- 180°
2	Tilt Rotate Fine	0-255	16bit adjustable
3	Tilt Motor Speed	0-255	Fast to slow
4	Control	0-4	
		5-9	Display Always on
		10-14	Display stays on for 10s
		15-19	Display stays on for 30s
		20-24	Display stays on for 1 mins
		25-29	Screen Lock: Off
		30-34	Screen Lock: On
		35-39	Signal Hold
		40-44	Black out
		45-59	No function
		60-64	Standard Dimming
		65-69	Fast Dimming
		70-74	Slow Dimming
		75-84	No function
		85-89	Dimming Curve: Linear
		90-94	Dimming Curve: Square
95-99	Dimming Curve: S-Curve		
100-109	No function		

		110-114	4K
		115-119	8K
		120-124	16K
		125-129	24K
		130-139	No function
		140-144	Auto Fan Mode
		145-149	Silent Fan Mode
		150-154	Full Fan Mode
		155-164	No function
		165-169	Red Shift: Off
		170-174	Red Shift: On
		175-179	Pixel Invert: Off
		180-184	Pixel Invert: On
		185-214	No function
		215-219	Tilt Invert: Off
		220-224	Tilt Invert: On
		225-229	Error Correction: Off
		230-234	Error Correction: On
		235-239	Tilt Reset
		240-244	Focus Reset
		245-249	Reset All
		250-255	No function
5	Zoom	0-255	5°-20°
6	Master Dimmer	0-255	Dark to bright
7	Master Dimmer Fine	0-255	16bit Dimmer
8	RGBL Dimmer	0-255	Dark to bright
9	RGBL Dimmer Fine	0-255	16bit Dimmer
10	WW+CW Dimmer	0-255	Dark to bright
11	RGBL Strobe	0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Randon,slow->fast
		086-110	Random Strobe Effect
		111-135	Strobe Break Effect
		136-250	Strobe slow ->fast
		251-255	Strobe Open
12	CW+WW Strobe	0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Randon,slow->fast
		086-110	Random Strobe Effect
		111-135	Strobe Break Effect
		136-250	Strobe slow ->fast
		251-255	Strobe Open
13	CTO	0-5	No function
		6-21	1800K
		22-37	2000K

		38-53	2500K
		54-69	2700K
		70-85	3000K
		86-101	3200K
		102-117	3500K
		118-133	4000K
		134-149	4500K
		150-165	5000K
		166-181	5600K
		182-197	6000K
		198-213	6500K
		214-229	7200K
		230-255	8000K
14	Color Temperature Compensation	000-000	OFF
		001-127	From Magenta to OFF
		128-128	OFF
		129-255	From OFF to Green
15	Color Macro	000-005	No function
		006-010	Cyan (R=000,G=255,B=255)
		011-015	Magenta (R=255,G=000,B=255)
		016-020	Yellow (R=255,G=255,B=000)
		021-025	CTO 3200K (R=255,G=147,B=041)
		026-030	Flame Red (R=255,G=080,B=000)
		031-035	Rose Red (R=255,G=050,B=000)
		036-040	Sunset Red (R=255,G=050,B=000)
		041-045	Dark Pink (R=170,G=000,B=100)
		046-050	Bright Pink (R=255,G=100,B=180)
		051-055	Golden Amber (R=255,G=200,B=000)
		056-060	Bastard Amber (R=255,G=150,B=000)
		061-065	Full C.T. Orange (R=255,G=165,B=000)
		066-070	Sky Blue (R=135,G=206,B=255)
		071-075	Steel Blue (R=070,G=130,B=180)
		076-080	Light Blue (R=173,G=216,B=230)
		081-085	Medium Blue (R=000,G=000,B=200)
		086-090	Summer Blue (R=100,G=140,B=255)
		091-095	Pale Navy Blue (R=065,G=090,B=150)
		096-100	Lagoon Blue (R=100,G=140,B=255)
		101-105	Lighter Blue (R=173,G=216,B=230)
		106-110	Lime Green (R=050,G=255,B=050)
		111-115	Moss Green (R=100,G=140,B=050)
		116-120	Forest Green (R=034,G=139,B=034)
121-125	Pale Green (R=150,G=255,B=120)		

		126-130	Sea Green (R=046,G=139,B=087)
		131-135	Spring Green (R=100,G=080,B=127)
		136-140	Aquamarine (R=070,G=255,B=180)
		141-145	Emerald Green (R=080,G=200,B=120)
		186-220	Rainbow Effect-Continuous color flow
		240-247	Color Macro Jump
		221-255	Color Macro Fade-Smooth transition between macros
16	RGLB LEDs Built-in Program	000-009	No function
		010-034	Program 1
		035-059	Program 2
		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7
		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
		245-255	Loop Program 1-10
17	RGLB LEDs Built-in Program Speed	0-255	0-127 INDEX ,128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
18	Aura LEDs Built-in Program	000-009	No function
		010-034	Program 1
		035-059	Program 2
		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7
		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
		245-255	Loop Program 1-10
19	Aura LEDs Built-in Program Speed	0-255	0-127 INDEX ,128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
20	Program Fade	0-255	Max tail length: 3-4 (Subject to visual effect)
21	Pixel Control	0-255	000-015 DMX Control 016-238 Mixed Mode 239-255 Network Control
22	R-1	0-255	Vertical Line 1: Dark to Bright
23	G-1	0-255	
24	B-1	0-255	
25	L-1	0-255	
...			
42	R-6	0-255	Vertical Line 6: Dark to Bright
43	G-6	0-255	

44	B-6	0-255	Vertical Line 1: Dark to Bright
45	L-6	0-255	
46	WW-1	0-255	
47	CW-1	0-255	
...			
66	WW-11	0-255	Vertical Line 11: Dark to Bright
67	CW-11	0-255	

147 Channel Mode

Channel	Parameter	Value	Function
1	Tilt Rotate	0-255	0° - 180°
2	Tilt Rotate Fine	0-255	16bit adjustable
3	Tilt Motor Speed	0-255	Fast to slow
4	Control	0-4	
		5-9	Display Always on
		10-14	Display stays on for 10s
		15-19	Display stays on for 30s
		20-24	Display stays on for 1 mins
		25-29	Screen Lock: Off
		30-34	Screen Lock: On
		35-39	Signal Hold
		40-44	Black out
		45-59	No function
		60-64	Standard Dimming
		65-69	Fast Dimming
		70-74	Slow Dimming
		75-84	No function
		85-89	Dimming Curve: Linear
		90-94	Dimming Curve: Square
		95-99	Dimming Curve: S-Curve
		100-109	No function
		110-114	4K
		115-119	8K
		120-124	16K
		125-129	24K
		130-139	No function
140-144	Auto Fan Mode		
145-149	Silent Fan Mode		
150-154	Full Fan Mode		
155-164	No function		
165-169	Red Shift: Off		
170-174	Red Shift: On		
175-179	Pixel Invert: Off		

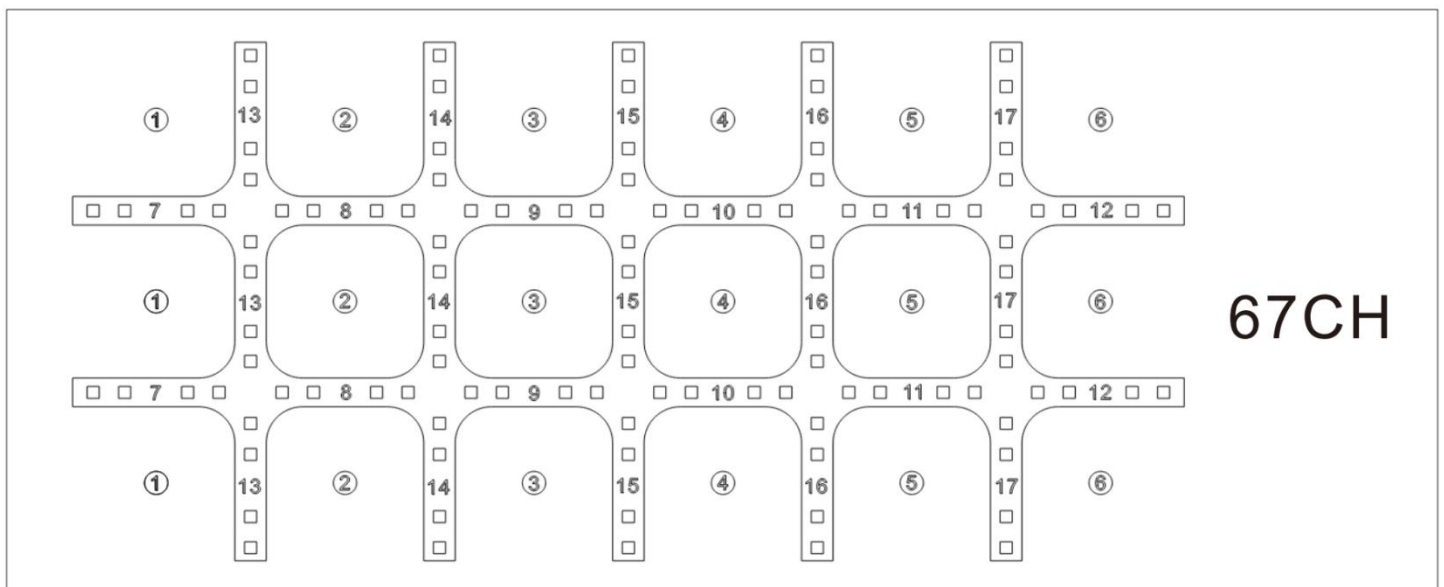
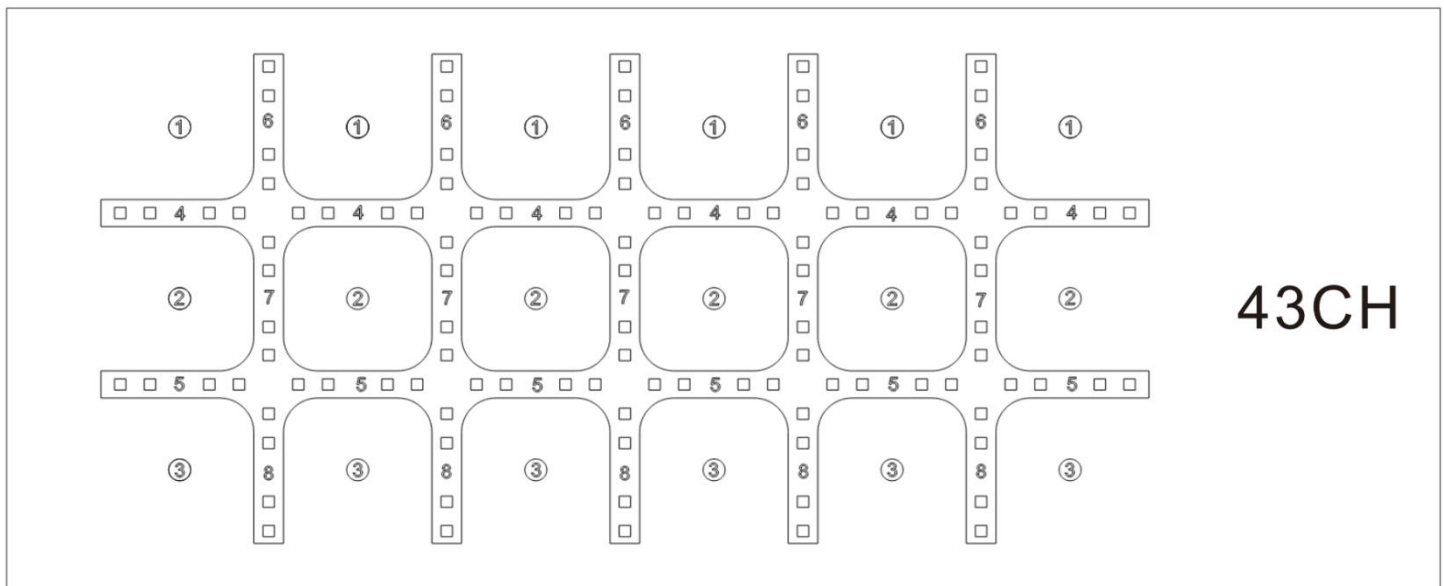
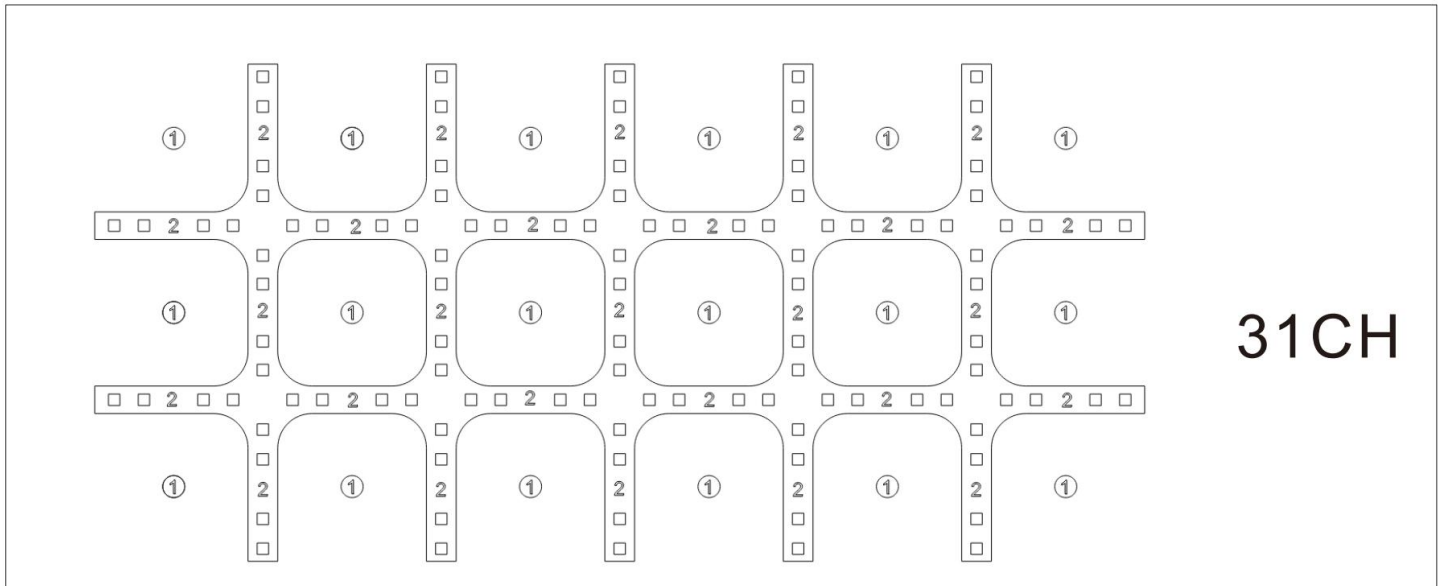
		180-184	Pixel Invert: On
		185-214	No function
		215-219	Tilt Invert: Off
		220-224	Tilt Invert: On
		225-229	Error Correction: Off
		230-234	Error Correction: On
		235-239	Tilt Reset
		240-244	Focus Reset
		245-249	Reset All
		250-255	No function
5	Zoom	0-255	5°-20°
6	Master Dimmer	0-255	Dark to bright
7	Master Dimmer Fine	0-255	16bit Dimmer
8	RGBL Dimmer	0-255	Dark to bright
9	RGBL Dimmer Fine	0-255	16bit Dimmer
10	WW+CW Dimmer	0-255	Dark to bright
11	RGBL Strobe	0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Randon,slow->fast
		086-110	Random Strobe Effect
		111-135	Strobe Break Effect
		136-250	Strobe slow ->fast
12	CW+WW Strobe	251-255	Strobe Open
		0-5	Strobe Open
		6-10	Strobe Closed
		011-035	Puls Random,slow->fast
		036-060	Ramp up Random,slow->fast
		061-085	Ramp down Randon,slow->fast
		086-110	Random Strobe Effect
		111-135	Strobe Break Effect
13	CTO	136-250	Strobe slow ->fast
		251-255	Strobe Open
		0-5	No Function
		6-21	1800K
		22-37	2000K
		38-53	2500K
		54-69	2700K
		70-85	3000K
		86-101	3200K
		102-117	3500K
		118-133	4000K
		134-149	4500K
		150-165	5000K
		166-181	5600K
182-197	6000K		
198-213	6500K		
214-229	7200K		

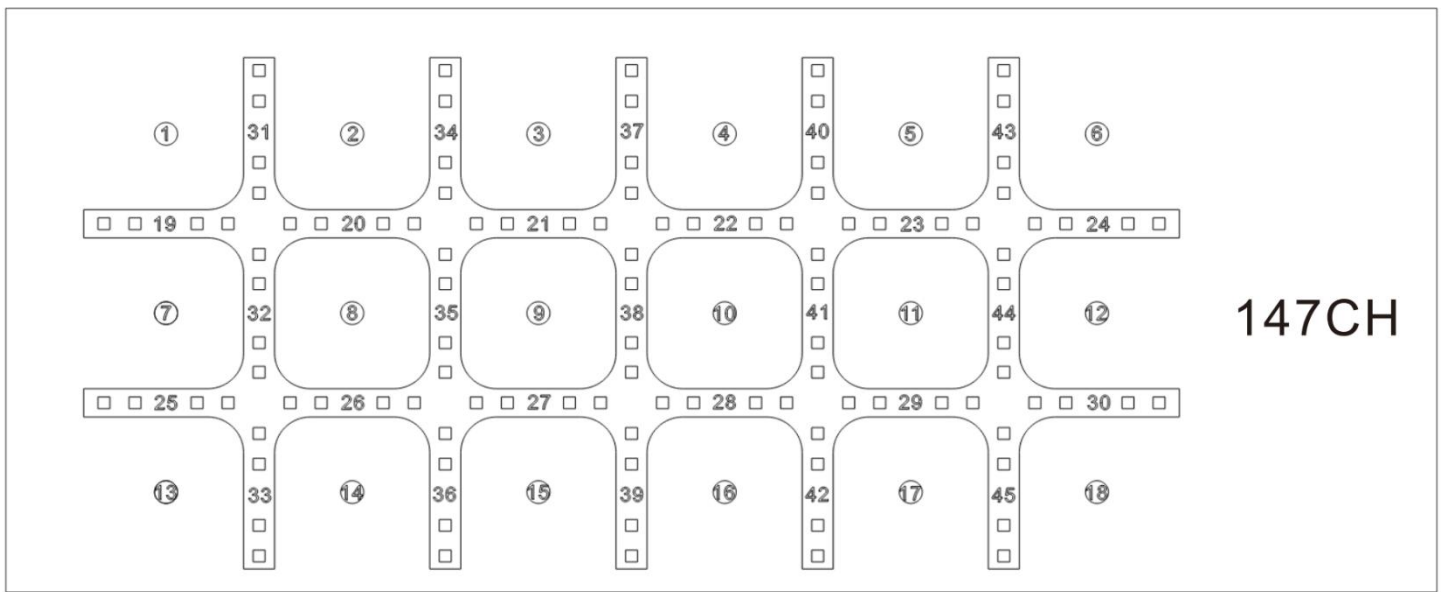
		230-255	8000K
14	Color Temperature Compensation	000-000	OFF
		001-127	From Magenta to OFF
		128-128	OFF
		129-255	From OFF to Green
15	Color Macro	000-005	No Function
		006-010	Cyan (R=000,G=255,B=255)
		011-015	Magenta (R=255,G=000,B=255)
		016-020	Yellow (R=255,G=255,B=000)
		021-025	CTO 3200K (R=255,G=147,B=041)
		026-030	Flame Red (R=255,G=080,B=000)
		031-035	Rose Red (R=255,G=050,B=000)
		036-040	Sunset Red (R=255,G=050,B=000)
		041-045	Dark Pink (R=170,G=000,B=100)
		046-050	Bright Pink (R=255,G=100,B=180)
		051-055	Golden Amber (R=255,G=200,B=000)
		056-060	Bastard Amber (R=255,G=150,B=000)
		061-065	Full C.T. Orange (R=255,G=165,B=000)
		066-070	Sky Blue (R=135,G=206,B=255)
		071-075	Steel Blue (R=070,G=130,B=180)
		076-080	Light Blue (R=173,G=216,B=230)
		081-085	Medium Blue (R=000,G=000,B=200)
		086-090	Summer Blue (R=100,G=140,B=255)
		091-095	Pale Navy Blue (R=065,G=090,B=150)
		096-100	Lagoon Blue (R=100,G=140,B=255)
		101-105	Lighter Blue (R=173,G=216,B=230)
		106-110	Lime Green (R=050,G=255,B=050)
		111-115	Moss Green (R=100,G=140,B=050)
		116-120	Forest Green (R=034,G=139,B=034)
		121-125	Pale Green (R=150,G=255,B=120)
		126-130	Sea Green (R=046,G=139,B=087)
		131-135	Spring Green (R=100,G=080,B=127)
		136-140	Aquamarine (R=070,G=255,B=180)
		141-145	Emerald Green (R=080,G=200,B=120)
		186-220	Rainbow Effect-Continuous color flow
		240-247	Color Macro Jump
		221-255	Color Macro Fade-Smooth transition between macros
		16	RGBL LEDs Built-in Program
010-034	Program 1		
035-059	Program 2		

		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7
		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
		245-255	Loop Program 1-10
17	RGBL LEDs Built-in Program Speed	0-255	0-127 INDEX , 128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
18	Aura LEDs Built-in Program	000-009	No function
		010-034	Program 1
		035-059	Program 2
		060-084	Program 3
		085-109	Program 4
		110-134	Program 5
		135-159	Program 6
		160-184	Program 7
		185-209	Program 8
		210-234	Program 9
		235-244	Program 10
245-255	Loop Program 1-10		
19	Aura LEDs Built-in Program Speed	0-255	0-127 INDEX , 128 – stop 129-191 clockwise rotation from fast to slow, 192 stop, 193-255 counterclockwise rotate slow to fast
20	Program Fade	0-255	Max tail length: 3-4 (Subject to visual effect)
21	Pixel Control	0-255	000-015 DMX Control 016-238 Mixed Mode 239-255 Network Control
22	R-1	0-255	Individual LED: Dark to Bright
23	G-1	0-255	
24	B-1	0-255	
25	L-1	0-255	
...			
90	R-18	0-255	Individual LED: Dark to Bright
91	G-18	0-255	
92	B-18	0-255	
93	L-18	0-255	
94	WW-1	0-255	Aura Strobe Strip (Single Control): Dark to Bright
95	CW-1	0-255	
...			
146	WW-27	0-255	Aura Strobe Strip (Single Control): Dark to Bright
147	CW-27	0-255	

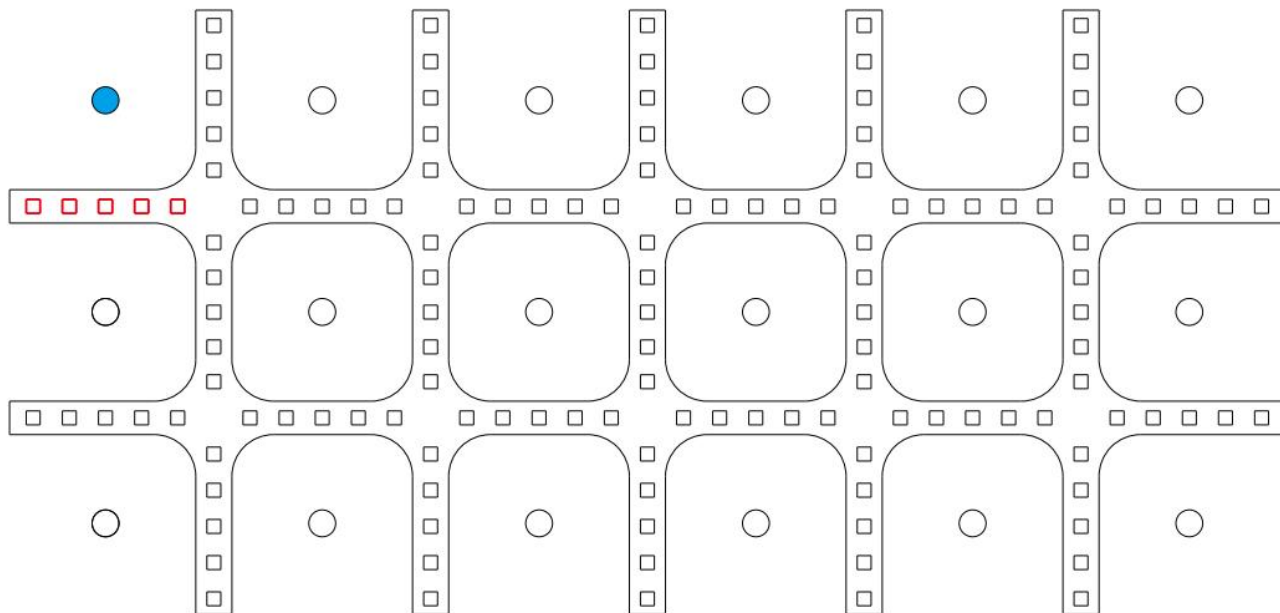
LED LAYOUT:

Circled numbers represent Main LEDs; uncircled numbers represent Aux LEDs
(Controlled in groups of 5)





Circles represent Main LEDs (18 pcs) with individual control; Squares represent Aux LEDs, which are controlled in groups of 5.



NFC FUNCTION(NEAR FIELD COMMUNICATION):

Overview


The integrated NFC feature simplifies inventory management and pre-staging setup. Operators can read device information or write settings remotely without powering on the fixture.

Key Capabilities:

- Zero-Power Configuration: Change DMX addresses, personality modes, and universe settings even when the fixture is still in its flight case.
- Batch Cloning: Copy settings from one fixture and apply them to multiple fixtures instantly via the mobile app.
- Device Diagnostics: Quickly read error logs, hardware versions, and runtime hours.

How to Use:

1. Install the App:

1.1 For iOS system, Download and install the **NFCSetter**  app on your iOS App Store.

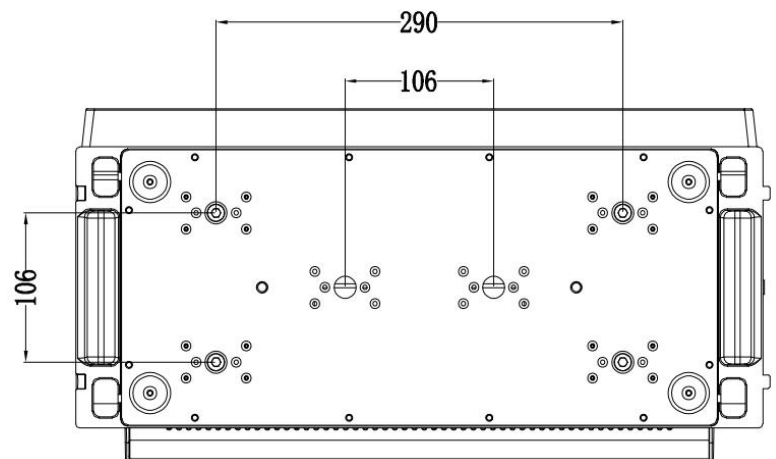
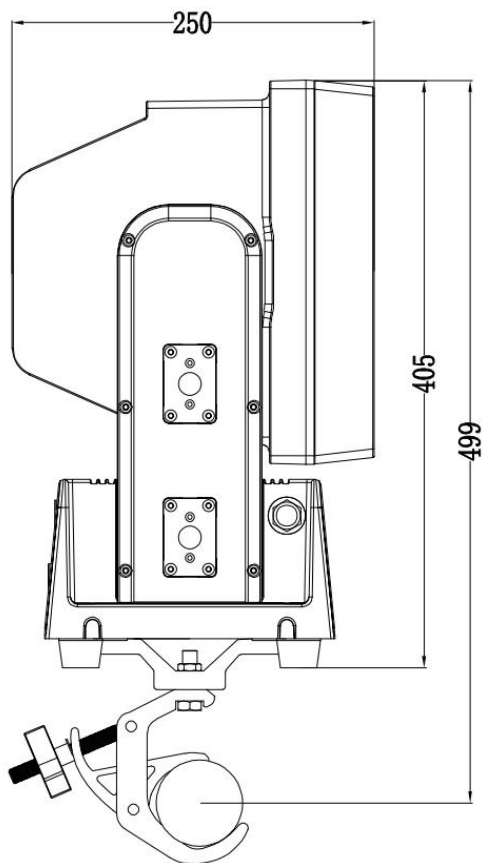
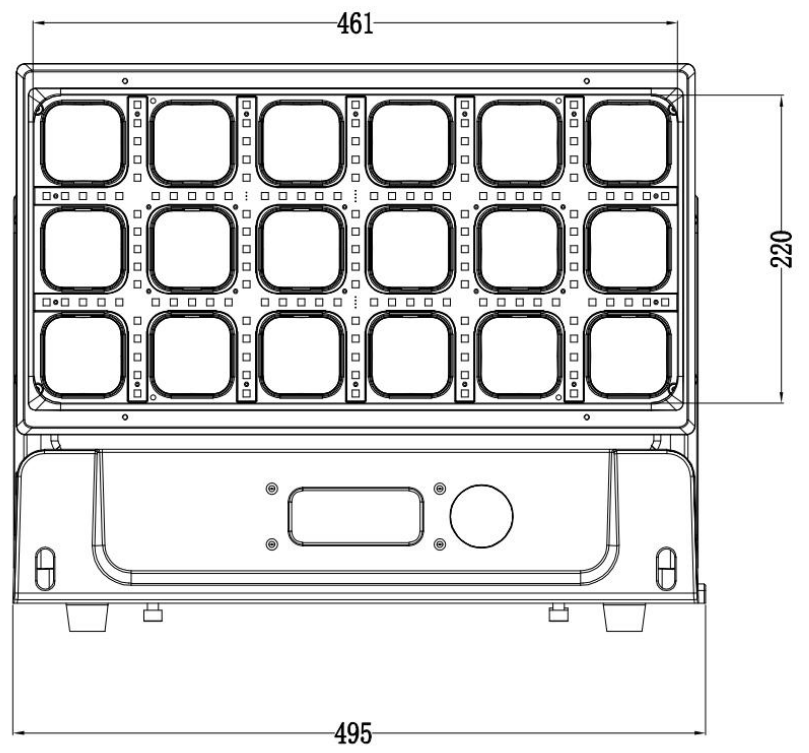
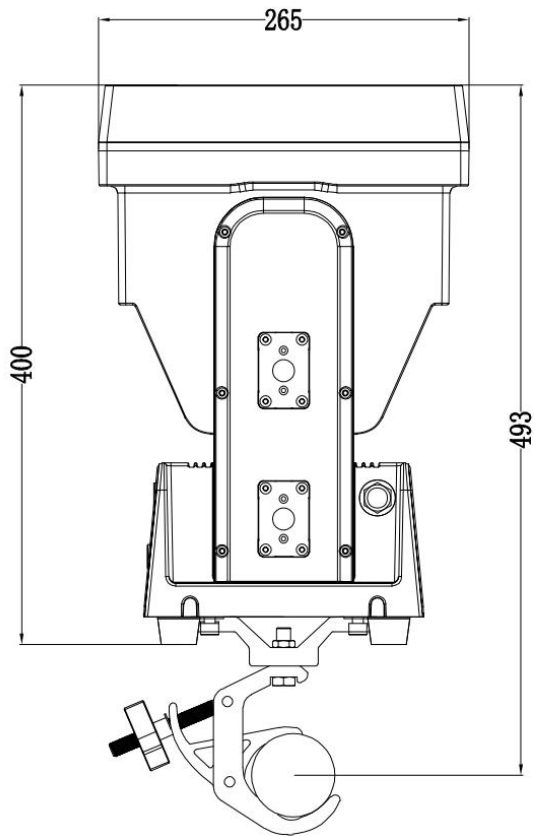
1.2 For Android system, Please contact the seller to get the installation package for download.

2. Locate the NFC Antenna: Find the marked NFC icon on the fixture (usually near the display panel or rear chassis).

3. Tap to Connect: Open the app, select the desired function (Read/Write), and place your phone's NFC sweet spot against the fixture's NFC icon.

4. Hold Position: Keep the phone still for 1 – 2 seconds until the app confirms "Device Write OK."

PRODUCT SIZE:



TECHNICAL SPECIFICATIONS:

Physical & Construction

Fixture Dimensions: 495 x 250 x 400 mm

Net Weight (NW): 24 kg

Gross Weight (GW): 27 kg

Max. External Surface Temperature: 60°C

Operating Temperature: -20°C to 45°C

IP Rating: IP65

Electrical Specifications

Input Voltage: 100-240V AC, 50/60Hz

Power Consumption: 110V/1050W, 230V/980W

Electrical Parameters((Voltage V / Current A / Power Factor PF):

* 230V / 4.30A / 0.98 PF

* 110V / 8.86A / 0.99 PF

Fuse: F20AL250V

Power Linking:

* 110V / 8.86A: Max. 1 Unit

* 230V / 4.30A: Max. 2 Units

Optical & Photometric

LED Source:

*Main Led:18*50W RGBL

*Aura Led:135*1W CW+WW(5 pcs per group, 27 groups in total)

Optical Angle:

*Beam Angle: 5° - 20°

*Field Angle: 9° - 27°

*Single Lens Angle: 5°

Photometric Data:

*3M: Min. Angle 70,500 Lux | Max. Angle 11,100 Lux

*5M: Min. Angle 45,100 Lux | Max. Angle 4,160 Lux

*8M: Min. Angle 23,800 Lux | Max. Angle 1,730 Lux

Control & Performance

DMX Channel Modes : 31CH/43CH/67CH/147CH

Control Mode: RDM, Art-Net, sACN, DMX512, NFC,Auto-run,W-DMX(**Optional**)

Strobe Rate: 1Hz - 25Hz

Refresh Rate (PWM): 4kHz - 25kHz

