

NANLUX

Evolve 150C LED Full-color Spot Light

USER MANUAL

Version: V1.2
2025-09-16

Revision History

Version	Date (Y-M-D)	Note
V1.0	2025-07-15	File First Publish
V1.1	2025-08-15	Minor adjustments
V1.2	2025-09-16	Update the Specification, Includes, and Installing Instructions

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1.Introduction

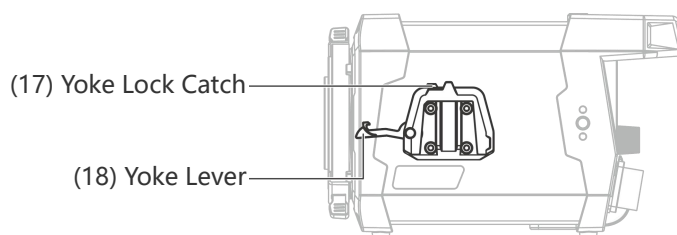
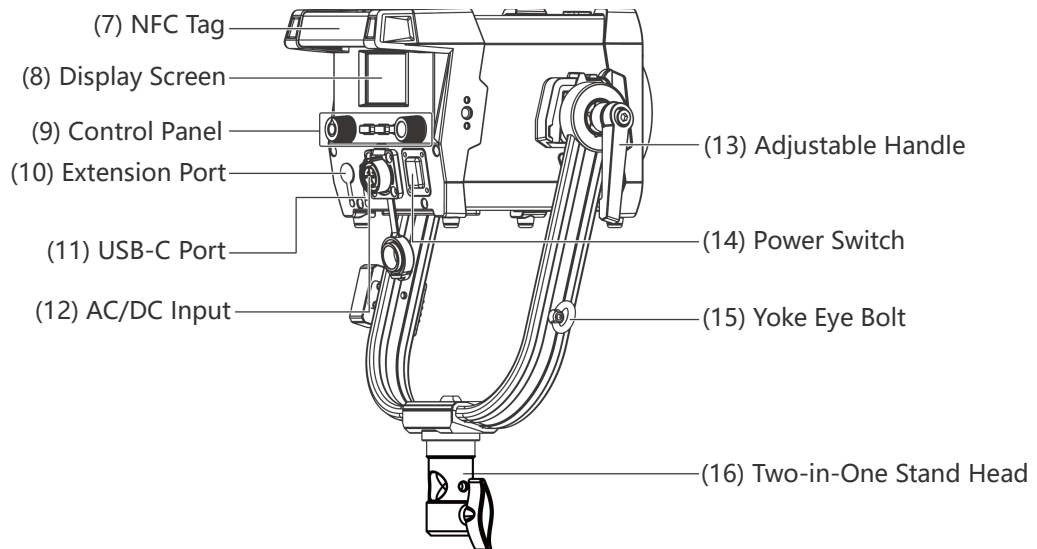
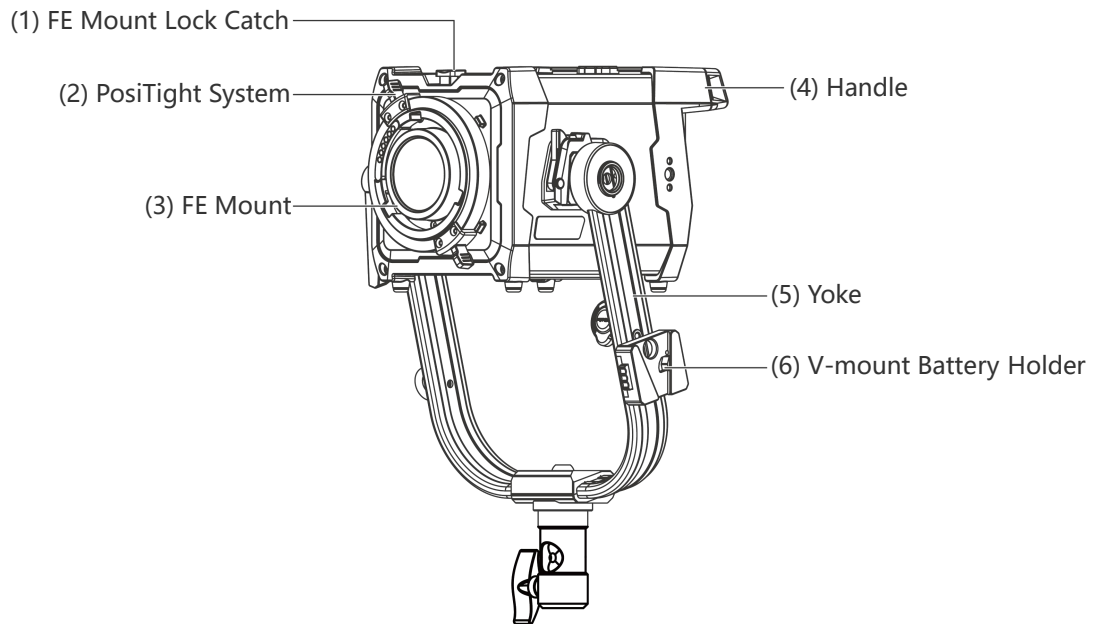
Thank you for purchasing the Nanlux product – Evoke 150C!

The Evoke 150C is a high-performance full-color spot light. It features an ultra-wide color temperature range, from 1000K to 20000K. Equipped with Nebula C8 light engine, it delivers precise and refined light quality, replicating natural and everyday lighting conditions such as sunlight and dim indoor lighting. With 15 built-in lighting effects, the Evoke 150C expands compatibility across different scenarios while meeting the demand for realistic and dynamic lighting. It offers multiple DMX modes to suit a wide range of applications. The fixture adopts an FE mount (FM mount with electronic contacts) for high accessory compatibility, supporting a broader range of attachments. With an IP66 rating, it offers outstanding dust and water resistance, ensuring reliable performance even in extreme environments. Control options include on-board, wired controller, Nanlink App, Art-Net/sACN, DMX/RDM, and CRMX—providing versatile and intuitive operation even in complex lighting setups.

The Evoke 150C will bring great convenience to your creation and inspire creativity. Before using Evoke 150C, please read this manual carefully to ensure you can fully utilize all the features. Hope it can work with you to create more brilliant results together.

2. Product Overview

2.1. Product Layout

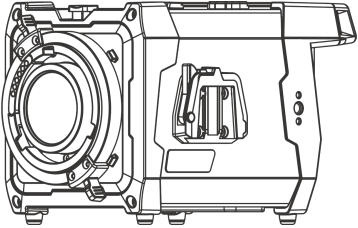
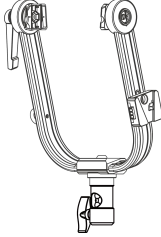
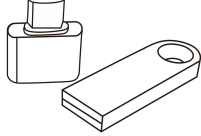
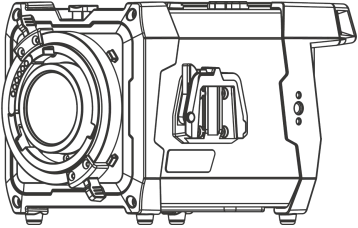
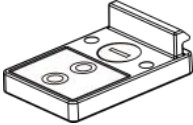
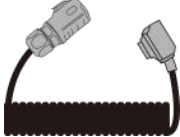
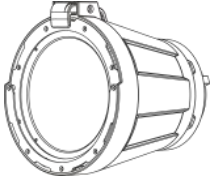
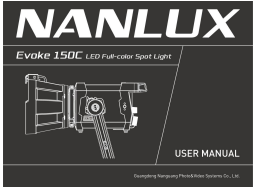
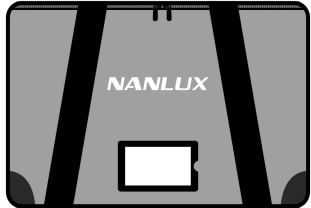


- (1) FE Mount Lock Catch: For locking or releasing the reflector or other accessories.
- (2) PosiTight System: For further tightening the reflector or other accessories.
- (3) FE Mount: For installing the reflector, other FE mount or FM mount accessories.
- (4) Handle: For lifting the fixture and adjusting the direction of illumination.
- (5) Yoke: For mounting the fixture on a light stand and adjusting the tilt angle.
- (6) V-mount Battery Holder: For mounting V-mount battery.
- (7) NFC Tag: For supporting NFC function.
- (8) Display Screen: For displaying the lighting status and settings.
- (9) Control Panel: Includes three buttons and two knobs, for operating various functions.
- (10) Extension Port: For connecting the WC-EXT wired controller or other accessories via the connection cable.
- (11) USB-C Port: For updating the firmware.
- (12) AC/DC Input: For connecting the power.
- (13) Adjustable Handle: For adjusting and fixing the illumination direction of fixture.
- (14) Power Switch: For turning on/off the fixture.
- (15) Yoke Eye Bolt: For attaching the safety cable.
- (16) Two-in-One Stand Head: Combines baby pin mount and junior pin receiver.
- (17) Yoke Lock Catch: For locking and unlocking the yoke lever.
- (18) Yoke Lever: For locking and unlocking the yoke quick release plate.

2.2. Specifications

Model Name	Evoke 150C
Rated Power	150W
Input Voltage/Current	AC: 100-240V/50-60Hz, 2A Max DC: 14.4-28V PD3.0 (12-28V) 60W Min
LED Light Engine	Nebula C8 Light Engine: dRRALGCB1
CCT	1000K → 20000K (G/M±200)
CRI	Average 98
TLCI	Average 98
TM-30 Rf	Average 96
TM-30 Rg	Average 100
Dimming	0.0%-100.0%, by 0.1% increment
IP Rating	IP66
Control	On-board, Wired Controller, Remote Controller, NANLINK APP, DMX/RDM, CRMX, Art-Net/sACN
Special Effects	CCT Loop, INT Loop, HUE Loop, Flash, Pulse, Storm, Police Car, TV, Paparazzi, Candle/Fire, Disco, Bad Bulb, Firework, Explosion and Welding

2.3. Includes

Evoker 150C × 1 	AC Power Cable × 1 	Yoke × 1 	USB Flash Drive × 1 
	AS-MB-1 Magnetic Base × 1 	D-Tap Cable × 1 	AS-BP-QRS 5/8" Baby Pin with Quick Release Plate × 1 
RF-FE-45 FE Mount Reflector 45° × 1 	User Manual × 1 	Carrying Bag × 1 	

3. Safety Instructions

Please read and understand all safety instructions before installing or operating the fixture. Always follow the instructions to avoid personal injury and fixture damage.

Electrical:



Danger

Please ensure that the AC current, voltage and frequency comply with the fixture requirements, and make sure the fixture is properly grounded when connected.



Danger

Please use proper and undamaged cables to connect the fixture correctly, avoiding the risk of electric shock or fixture damage.



Danger

Please disconnect the power before moving or transporting the fixture.

Installation:



Danger

Please carefully read the manual and follow the instructions to install the fixture to avoid any unnecessary incidents.



Danger

Please use light stands or clamps that meet the load-bearing requirements to ensure the fixture's safety and stability when installing the fixture.



Danger

Please secure the fixture with a safety cable that can support at least 10 times the fixture's weight for overhead installation.



Caution

Please wear appropriate protective gloves when installing or removing the fixture or accessory with high-temperature surfaces.



Caution

Please pay special attention to the impact of wind and take appropriate reinforcement measures when installing outdoors.



Caution

When installing or detaching heavy accessories or adjusting the direction of the fixture, please hold the handle firmly to prevent accidental tilt down. Keep your hands away from the gap between the yoke and the fixture to avoid hand injuries.

Operation:



Danger

Please stop using the fixture immediately if the fixture housings or cables show visible damage.



Danger

Please do not use the fixture near flammable or explosive materials.



Danger

Please be cautious, as the flashing effect may trigger seizures.



Danger

The Evoke 150C fixture is rated IP66, providing complete protection against dust and resistance to water jets from all directions, including continuous exposure to heavy rain and washing with high-pressure water jets. However, please do not submerge the fixture in water to avoid personal injury or fixture damage.



Danger

Please keep the fixture away from corrosive liquids or high-pressure steam.



Caution

Please ensure the fixture is used in an environment between -20°C and 45°C; operating outside this temperature range may damage the fixture.



Caution

Please do not cover the ventilation openings during use to prevent the fixture from overheating.



Caution

Please do not look directly at the light source without wearing protective glasses, as this may cause irreversible eye injury.



Caution

Please remind the crew to avoid eye injury caused by accidentally looking directly at the light source before the fixture lights up.

Maintenance:



Danger

Please do not disassemble or repair any part of the fixture on your own, as this will void the warranty. Maintenance and repair work should be carried out by an authorized service center and professional personnel.



Danger

Please disconnect the power before starting any maintenance work.



Caution

Please ensure the fixture is completely dry before transportation or storage after using it in a humid environment.



Notice

Please ensure the fixture is stored away from the following environments or items: extreme temperatures, direct sunlight, high humidity, intense vibrations, dust, strong magnetic fields, and flammable or explosive materials.

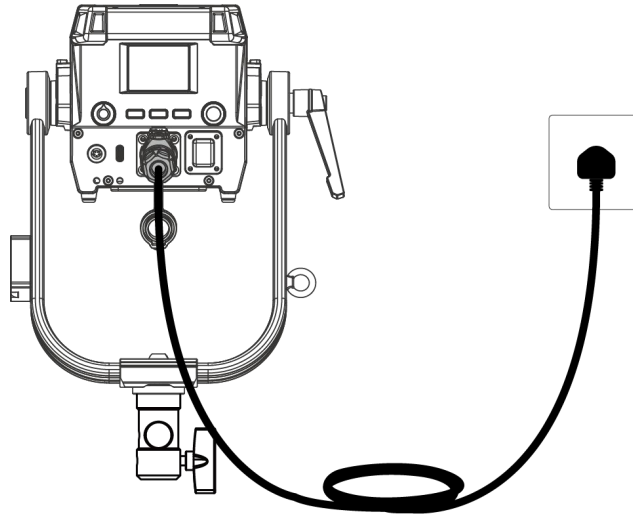


Notice

Please transport the fixture and accessories in suitable case to avoid damage.

4. Installing Instructions

4.1. Connecting the Fixture with the AC Power

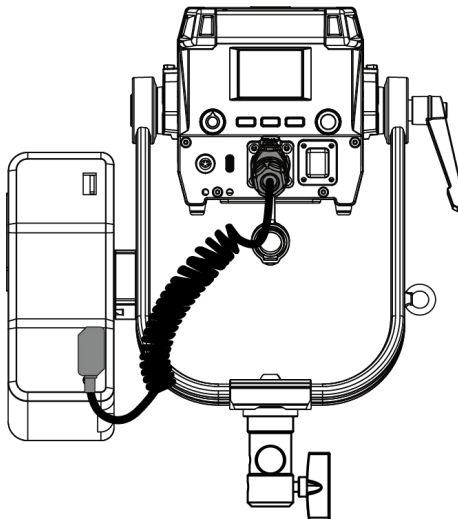


To power the fixture, please ensure the power switch is turned off, and connect the cable as shown above.

▲ Note: (1) The power should be at least 180W.

(2) If the fixture needs to be installed on the yoke, it should be installed first before connecting the power.

4.2. Connecting the Fixture with the Battery

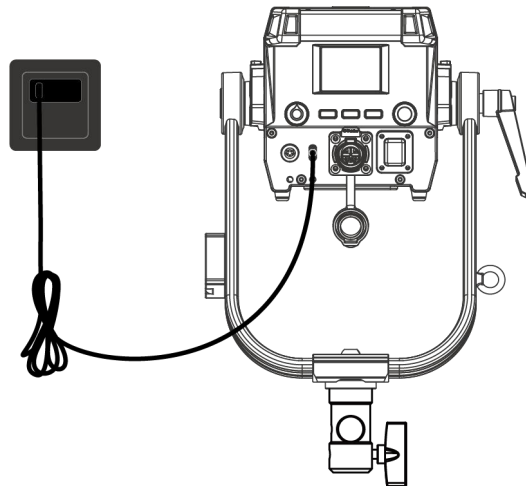


To power the fixture with a battery, please ensure the power switch is turned off, then install the battery onto the V-mount battery holder on the yoke. And connect the fixture and the battery via the included D-Tap cable.

▲ Note: (1) When removing the battery, press the lock catch on the side of the V-mount battery holder and push the battery upward to remove it.

(2) The Evoke 150C is compatible with 14.4V-28V V-mount batteries.

4.3. Connecting the Fixture with a PD Adapter

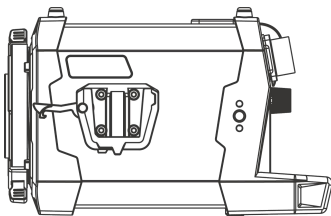


To power the fixture with a PD adapter, please ensure the power switch is turned off, and connect the USB-C cable to the USB-C port.

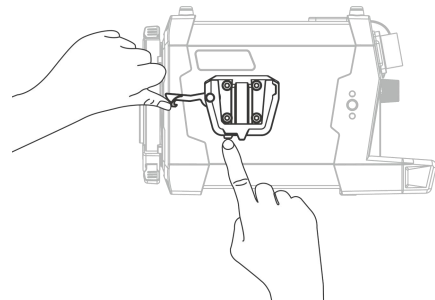
▲ Note: The PD adapter should be at least 60W.

4.4. Installing and Detaching the Yoke

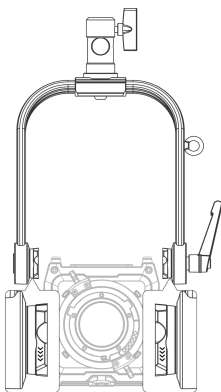
Installation Method 1:



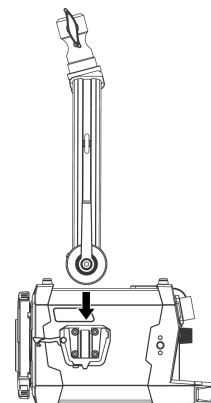
(1) Place the fixture on a flat surface with its bottom facing up.



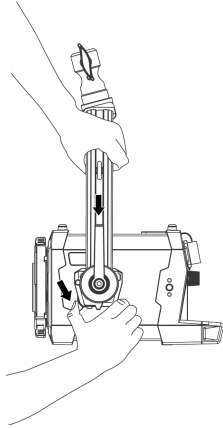
(2) Press the quick release lever lock catch and push it aside to release.



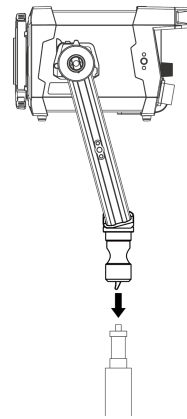
(3) Adjust the quick release plates on both sides of the yoke to make the arrows point downward, and ensure that the angles of both plates are the same.



(4) Align and insert the quick release plates on both sides of yoke into the fixture's quick release and balance base plate.



(5) Firmly hold the yoke in place with one hand, and pull the quick release lever with the other hand to lock the plate in place.

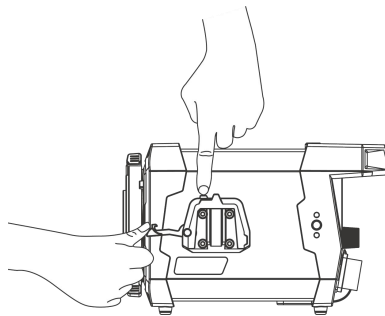


(6) Mount the fixture on a light stand and tighten the knob on the yoke.

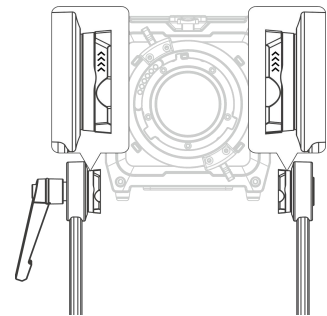
Installation Method 2:



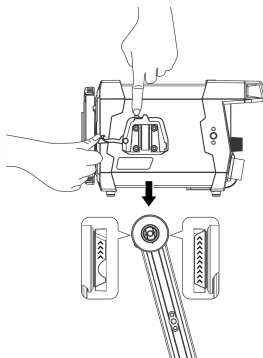
(1) Mount the fixture on a light stand and tighten the knob on the yoke.



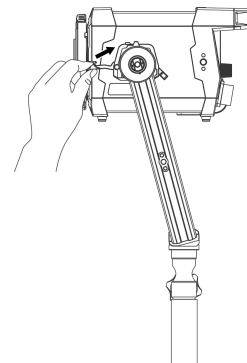
(2) Press the quick release lever lock catch and push it aside to release.



(3) Adjust the quick release plates on both sides of the yoke to make the arrows point upward, and ensure that the angles of both plates are the same.

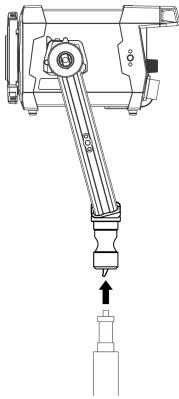


(4) Align the fixture's quick release plate bases on both sides with the quick release plates on the yoke, and insert them into place.

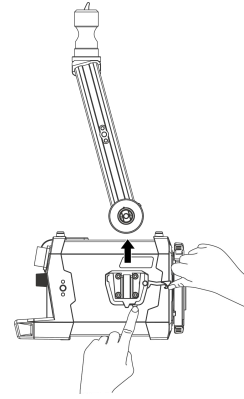


(5) Push the levers on both sides of the fixture upward. The quick release plates will click into place, completing the installation.

Detachment:



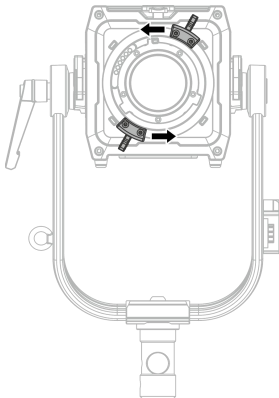
(1) To detach the yoke, first remove the fixture from the light stand and place it on a flat ground with the bottom facing up.



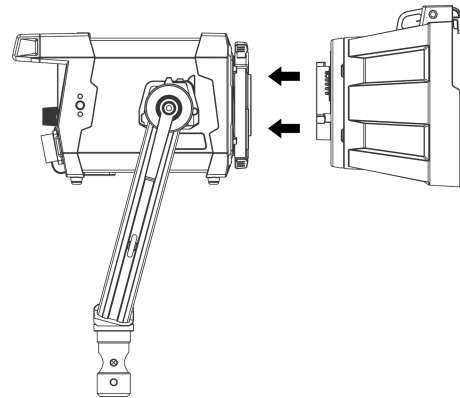
(2) Press the quick release lever lock catches on both sides and push them aside to release, then remove the yoke.

4.5. Installing and Detaching the Reflector

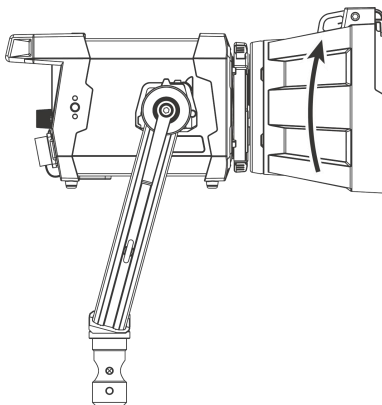
Installation:



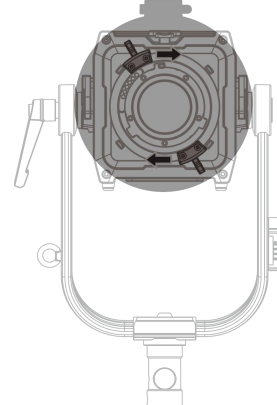
(1) To install the reflector, hold the two handles of the PosiTight system, and rotate anticlockwise to release it.



(2) Align the reflector's electronic contacts with the fixture's electronic contacts, match the three tabs with the three grooves on the fixture's FE mount, and insert the reflector into the mount.

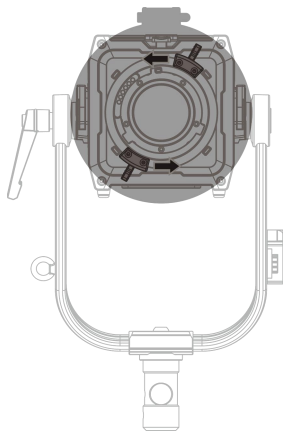


(3) Clockwise rotate the reflector and fasten it onto the fixture.

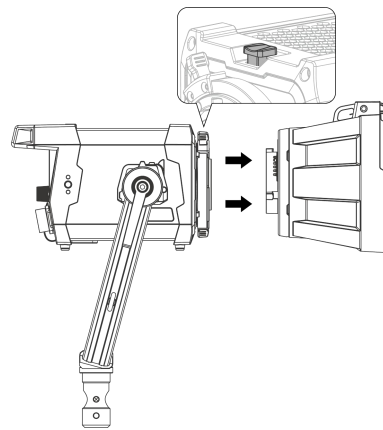


(4) Clockwise rotate the PosiTight system to further secure the reflector.

Detachment:



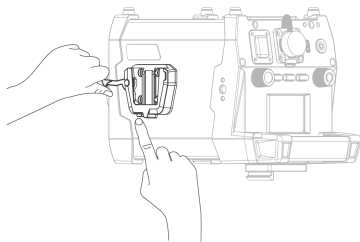
(1) To detach the reflector, hold the two handles of the PosiTight system, and rotate anticlockwise to release it.



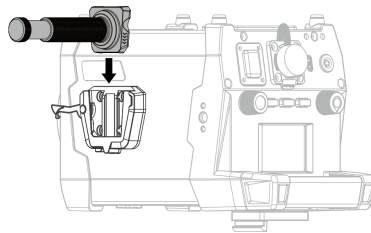
(2) Hold the reflector and press the FE mount lock catch. Rotate the reflector anticlockwise to remove it.

4.6. Installing and Detaching the 5/8" Baby Pin with Quick Release Plate

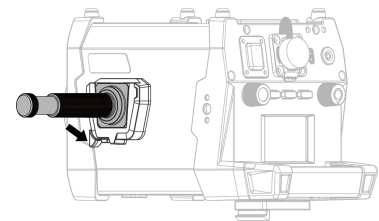
Installation:



(1) Place the fixture on a flat surface with the bottom facing up. Press the yoke lever lock catch and push the yoke lever aside to unlock.

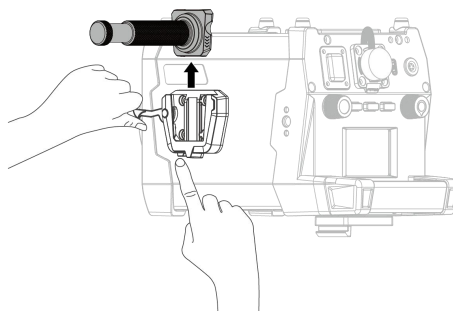


(2) Point the arrow on the 5/8" Baby Pin with Quick Release Plate downward, align it with the fixture's quick release base, and insert it into place.



(3) Push down the yoke lever until it clicks to lock the quick release plate in place.

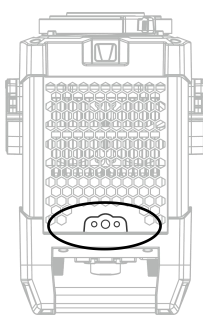
Detachment:



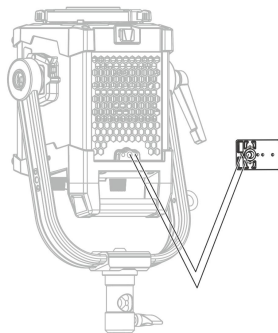
Press the yoke lever lock catch, push the yoke lever aside to unlock, and pull the quick release plate upward to remove it.

4.7. Installing the AS-MB-1 Magnetic Base

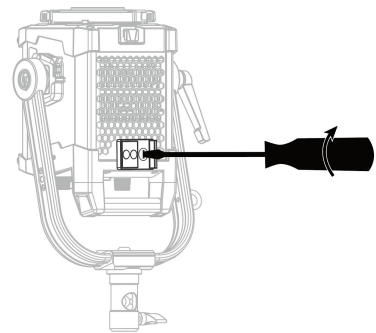
Installation:



(1) Find the mounting hole at the top of the fixture as shown above.

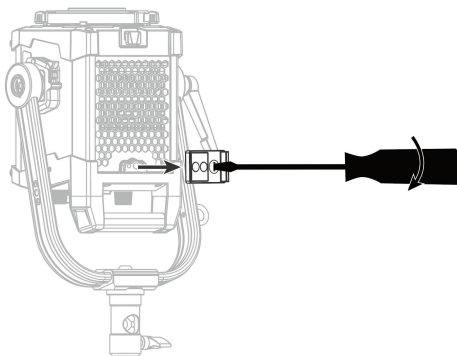


(2) Align the locating pin of the magnetic base with either small hole on the left or right, and align the slotted screw with the 1/4"-20 screw hole, and tighten it clockwise using a screwdriver.



▲ Note: The magnetic base can also be mounted on the mounting hole on the side of the yoke. When installing, make sure the locating pin is aligned with the small hole at the top.

Detachment:

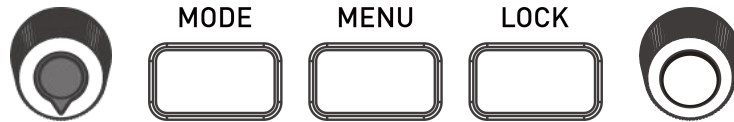


Turn the screw counterclockwise until it is fully loosened from the screw hole. Remove the magnetic base from the fixture.

5. Operating Instructions

Connect the fixture to power, turn on the power switch to power up the fixture.

The control panel features three buttons--**MODE**, **MENU**, and **LOCK**, as well as two knobs: **left knob**, and **right knob**.



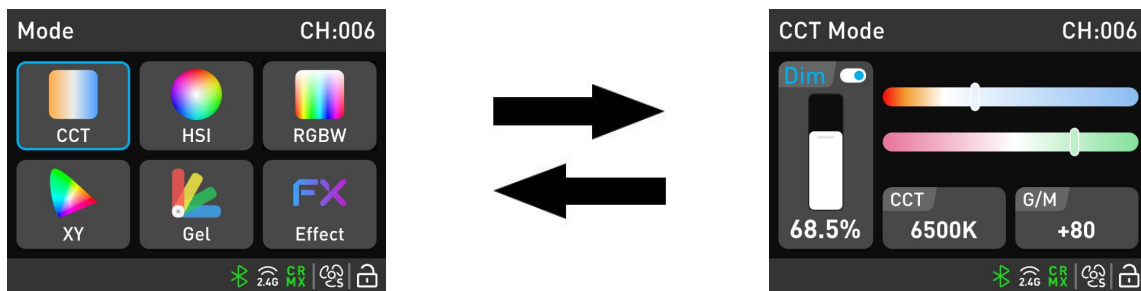
5.1. Lighting Mode Control

This fixture has CCT, HSI, RGBW, XY Coordinates, Gel, and Effect modes.

5.1.1. Control Panel Control

(1) Mode Selection

Press the **MODE** button to enter the mode selection interface. Rotate the **right knob** to switch options, and press the **right knob** to enter the corresponding mode.



▲ Note: In the mode interface, press the **MODE** button to return to the mode selection interface.

(2) Mode Operation

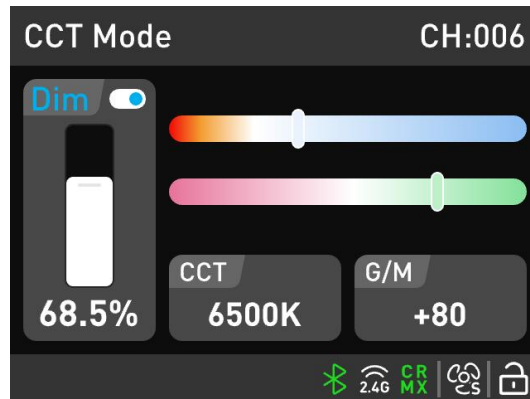
① CCT Mode

Rotate the **right knob** to select the brightness, CCT, or G/M, and the **left knob** to adjust the selected parameter value.

If the brightness is selected, pressing the **left knob** will turn on or off the Dimmer Switch.

If the CCT is selected, pressing the **left knob** will toggle among: 1000K, 1200K, 1500K, 1800K, 2100K, 2400K, 2700K, 3200K, 4300K, 5600K, 6500K, 7500K, 8500K, 10000K, 12000K, 14000K, 16000K, 18000K, and 20000K.

If the G/M is selected, pressing the **left knob** will set the value to zero.

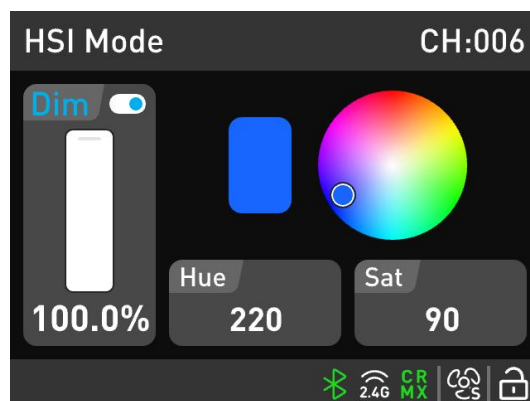


② HSI Mode

Rotate the **right knob** to select the brightness, hue, or saturation, and the **left knob** to adjust the selected parameter value.

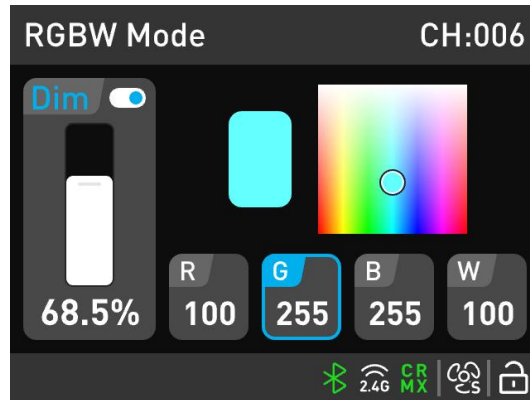
If the hue is selected, pressing the **left knob** will toggle among: 0, 60, 120, 180, 240, 300, and 360.

If the saturation is selected, pressing the **left knob** will toggle among: 100, 75, 50, 25, and 0.



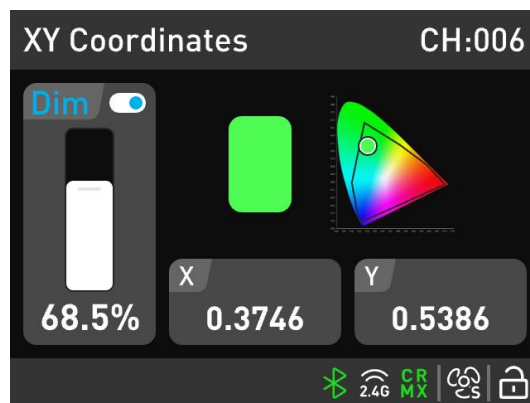
③ RGBW Mode

Rotate the **right knob** to select the brightness, R, G, B or W, and the **left knob** to adjust the selected parameter value.



④ XY Coordinates

Rotate the **right knob** to select brightness, X coordinate value, or Y coordinate value, and the **left knob** to adjust the selected parameter value.

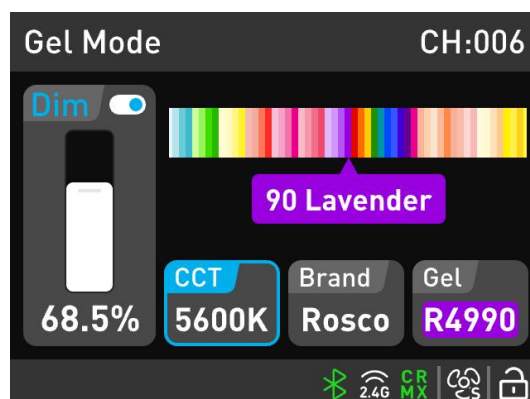


⑤ Gel Mode

Rotate the **right knob** to select brightness, CCT, Brand or Gel, and the **left knob** to adjust the selected parameter value.

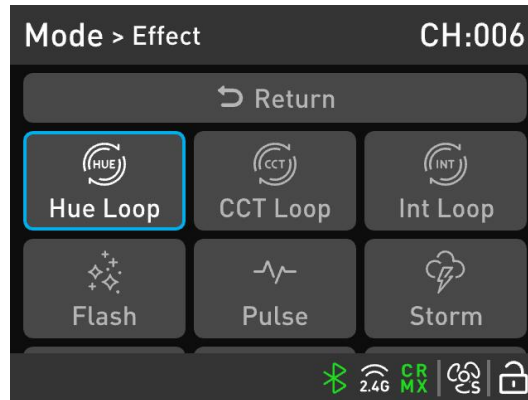
If the CCT is selected, pressing the **left knob** will switch between 3200K and 5600K.

If the Brand is selected, pressing the **left knob** will switch between Lee and Rosco.

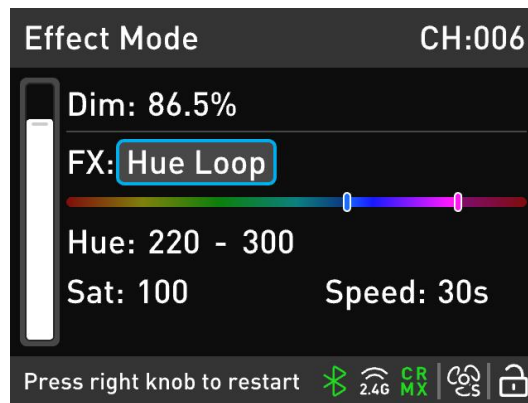


⑥ Effect Mode

Rotate the **right knob** to select the needed effect. Press the **right knob** to enter the interface to adjust parameters.



In this interface, rotate the **right knob** to select a parameter, and the **left knob** to adjust the parameter value.



5.1.2. DMX Control

(1) DMX Connection

Before connecting the fixture to a DMX console, connect the fixture to the DMX extension adapter via the extension port.

- ① Connect the extension adapter to the DMX console via a DMX cable

A 5-pin shielded cable with a diameter of no less than 0.3mm must be used to connect the DMX extension adapter to the DMX console. The DMX extension adapter is built with a 5-pin XLR socket. If the DMX console is built with a 3-pin XLR socket, an adapter will be required.

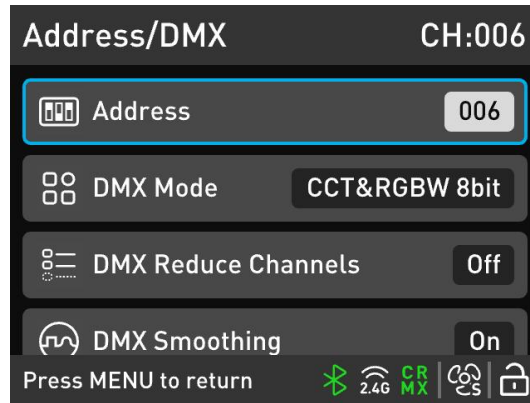
- ② DMX Termination Resistor

When connecting fixtures with DMX cables, the DMX out port of the last fixture in the daisy chain must be connected to a DMX termination resistor (not included). This effectively prevents interference during DMX signal transmission.

(2) DMX Settings

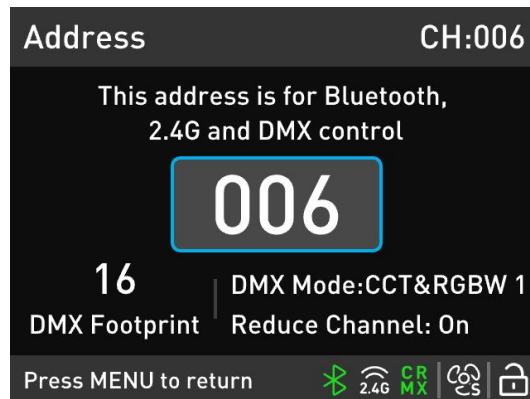
Press the **MENU button** to enter the menu, rotate the **right knob** to switch to Address/DMX, and press the **right knob** to enter the interface.

The DMX settings include Address, DMX Mode, DMX Reduce Channels, DMX Smoothing, DMX Dimming Curve and Loss Behavior.



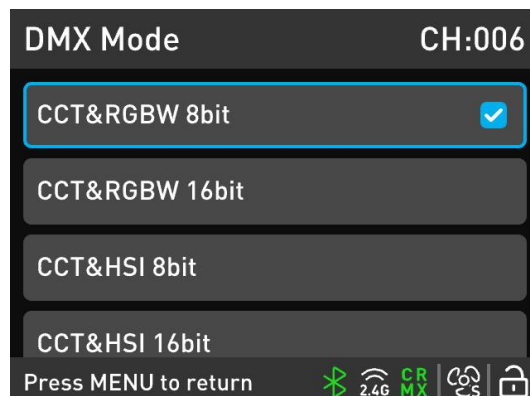
① Address Setting

Enter the address setting interface: Menu → Address/DMX → Address.



② DMX Mode Setting

Enter the DMX mode interface: Menu → Address/DMX → DMX Mode.



③ Other DMX Settings

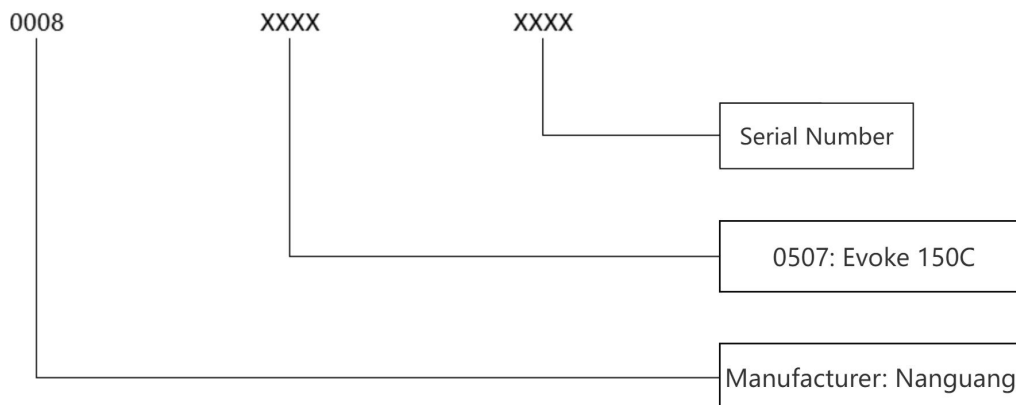
The operation methods for DMX Reduce Channels, DMX Smoothing, DMX Dimming Curve and Loss Behavior are as below:

Rotate the **right knob** to the corresponding DMX setting option and press the **right knob** to enter the level 3 menu. Rotate the **right knob** to select the parameter, and press the **right knob** to set. After the DMX settings are finished, and the DMX cable is connected, for detailed operations on controlling the fixture with a DMX console, please refer to the DMX CHARTS.

(3) RDM Function

- ① Connect the fixture to the extension adapter via the extension port, connect the extension adapter to a console with RDM function using a connection cable.
- ② Control the fixture using a console with RDM function (For detailed operations, please refer to the console manual).

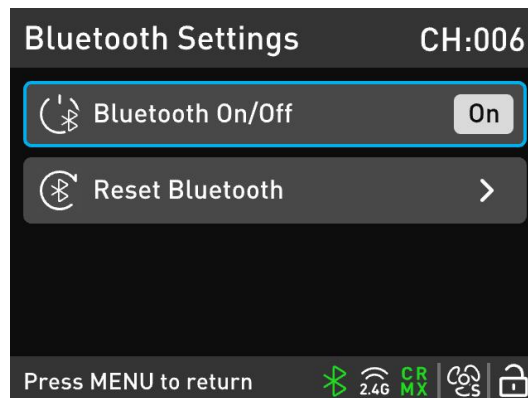
▲ Note: The UID format of fixture is as below:



5.1.3. NANLINK APP Control-via Bluetooth

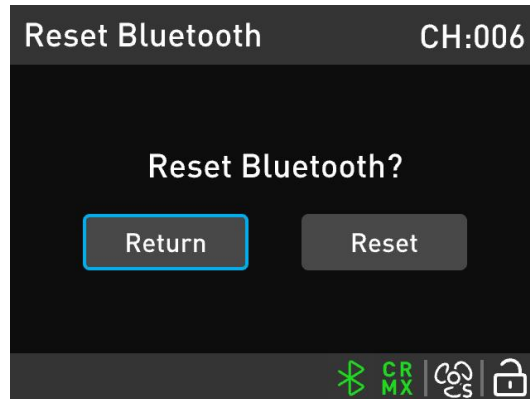
Press the **MENU button** to enter the menu, rotate the **right knob** to switch to Wireless Control, then press the **right knob** to enter the interface. Rotate the **right knob** again to switch to Bluetooth Settings, and press the **right knob** to enter the interface.

Enter the Bluetooth settings interface: Menu → Wireless Control → Bluetooth Settings.



The Reset Bluetooth option is available when the Bluetooth is on.

Enter the reset Bluetooth interface: Bluetooth Settings → Reset Bluetooth.



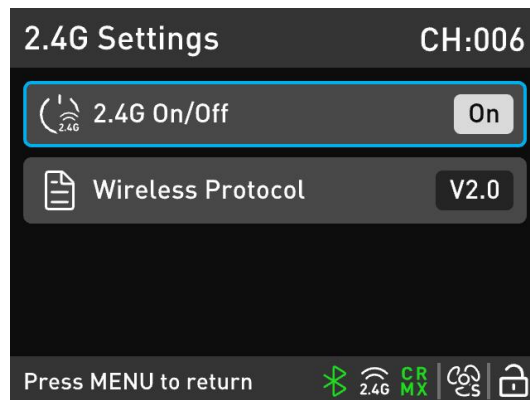
5.1.4. NANLINK APP Control-via 2.4G

The fixture can be controlled by the NANLINK APP via Bluetooth, or by the APP via 2.4G through the NANLINK transmitter box.

(1) Turn on the 2.4G.

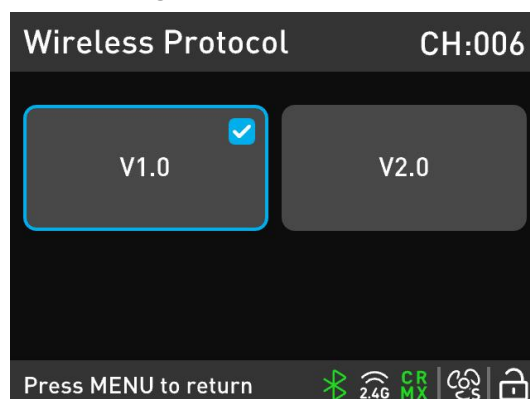
Press the **MENU button** to enter the menu, rotate the **right knob** to switch to Wireless Control, then press the **right knob** to enter the interface. Rotate the **right knob** again to switch to 2.4G Settings, and press the **right knob** to enter the interface.

Enter the 2.4G settings interface: Menu → Wireless Control → 2.4G Settings.

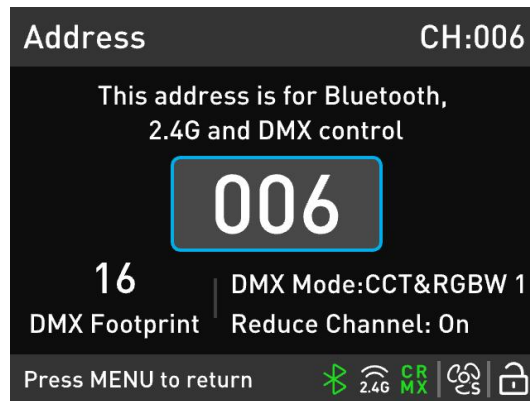


(2) Set the wireless protocol to V1.0.

Enter the wireless protocol interface: 2.4G Settings → Wireless Protocol.



(3) Set the address.



5.1.5. Remote Controller Control

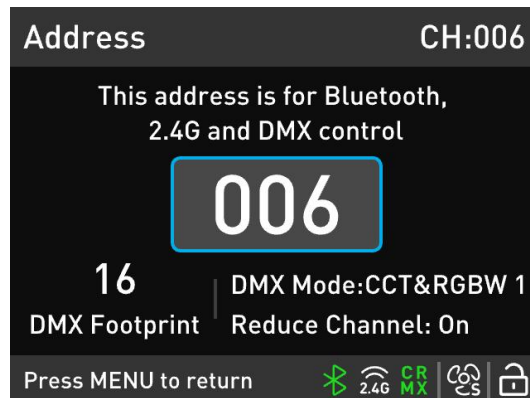
(1) Set the wireless protocol before controlling the fixture by a 2.4G remote controller.

Enter the wireless protocol interface: 2.4G Settings → Wireless Protocol.



▲ Note: The wireless protocol should be set in V2.0 when using the WS-RC-C2 remote controller to control the fixture. Set it in V1.0 when using other remote controllers.

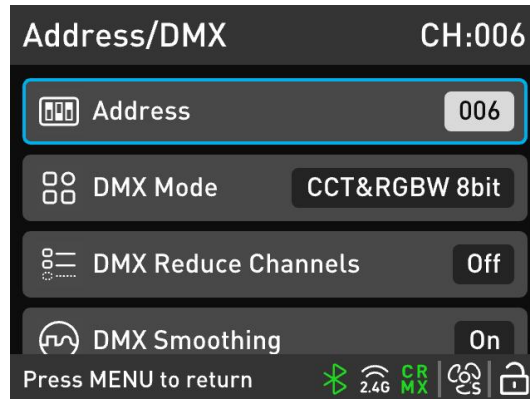
(2) Set the address.



After setting, the fixture can be controlled by a 2.4G remote controller.

5.1.6. CRMX Control

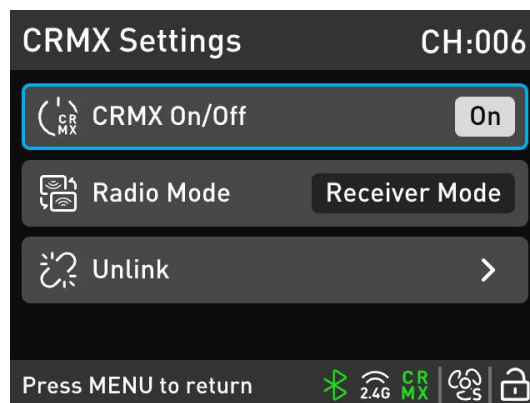
(1) Press the **MENU button** to enter the menu, select the Address/DMX to enter the next level menu to adjust the DMX settings.



(2) Turn on the CRMX.

Press the **MENU button** to enter the menu, rotate the **right knob** to switch to Wireless Control, then press the **right knob** to enter the interface. Rotate the **right knob** again to switch to CRMX Settings, and press the **right knob** to enter the interface.

Enter the CRMX On/Off interface: Menu → Wireless Control → CRMX Settings → CRMX On/Off



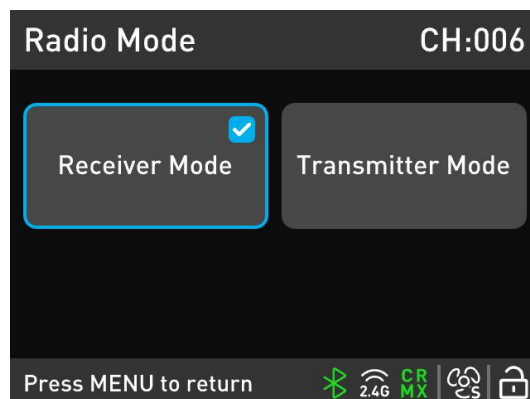
The CRMX wireless signal can be received when the CRMX is turned on.

The CRMX wireless signal can't be received when the CRMX is turned off.

(3) Set the radio mode.

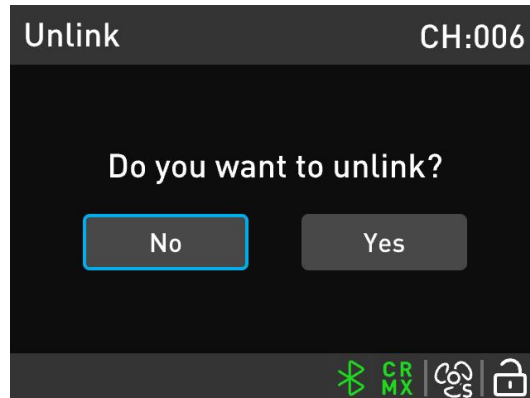
Enter the radio mode interface: CRMX Settings → Radio Mode

① When the fixture is set to Receiver Mode.



A. Set the fixture to CRMX unlink.

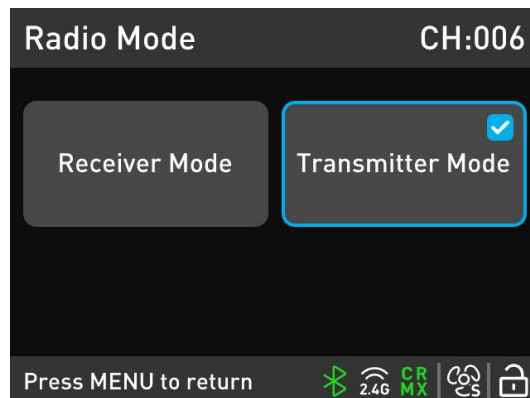
Enter the unlink interface: CRMX Settings → Unlink



▲ Note: The CRMX settings should be set to unlink to allow the fixture to be reconnected to a new fixture or transmitter.

B. Use a CRMX transmitter to connect this fixture.

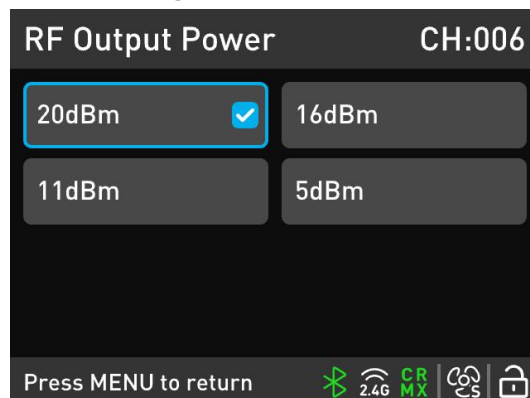
②When the fixture is set to Transmitter Mode.



A. Use a CRMX transmitter to connect this fixture.

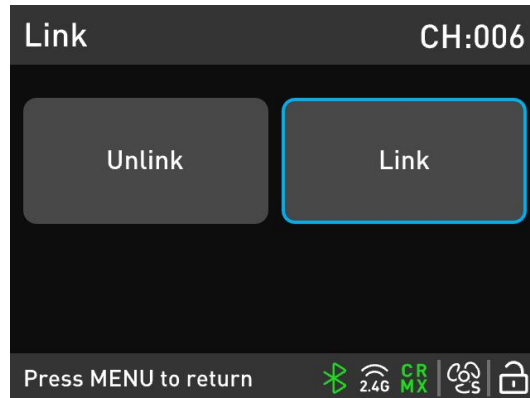
B. The RF output power can be set when the fixture is in the transmitter mode.

Enter the RF output power interface: CRMX Settings → RF Output Power



C. Connect other fixture that set in Receiver Mode.

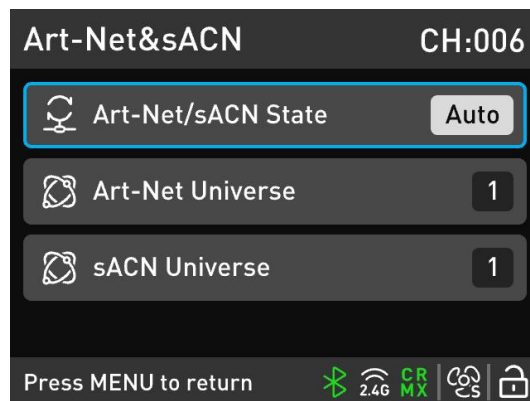
Enter the link interface: CRMX Settings → Link



5.1.7. Art-Net&sACN Control

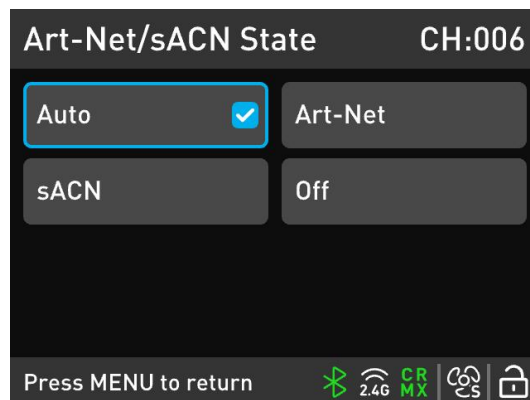
Before connecting the fixture to the equipment via an Ethernet cable, connect the fixture to the LAN extension adapter via the extension port.

The Art-Net/sACN settings include Art-Net/sACN State, Art-Net Universe, and sACN Universe.



(1) Art-Net/sACN State Settings

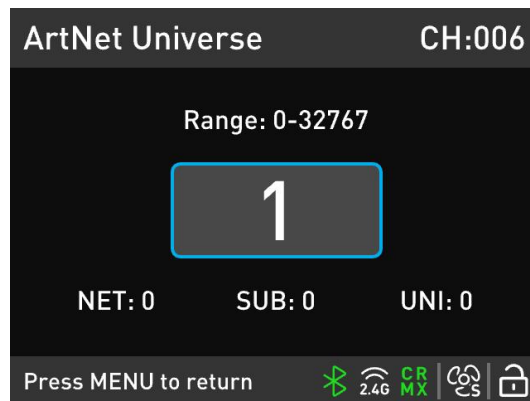
Enter the Art-Net/sACN state interface: Menu → Network Settings → Art-Net/sACN State.



Choose the Auto, the fixture will automatically detect Art-Net or sACN signals based on the network signal.

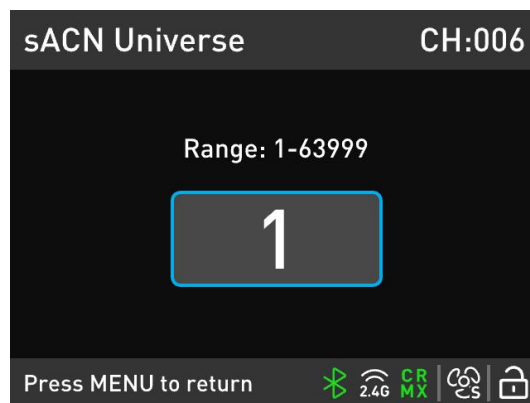
(2) Art-Net Universe Settings

Enter the Art-Net universe interface: Menu → Network Settings → Art-Net Universe.



(3) sACN Universe Settings

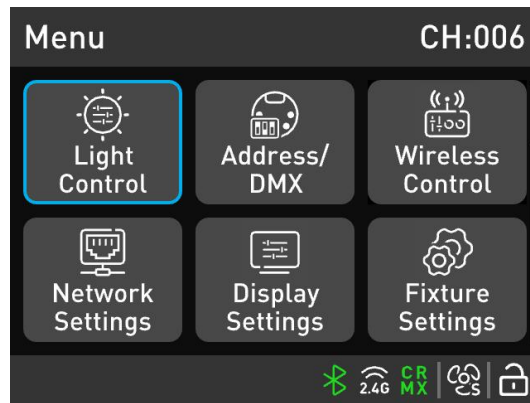
Enter the sACN universe interface: Menu → Network Settings → sACN Universe.



5.2. Menu

5.2.1. Menu Overview

In the menu, there are options including Light Control, Address/DMX, Wireless Control, Network Settings, Display Settings, EXT Port Settings, and Language.



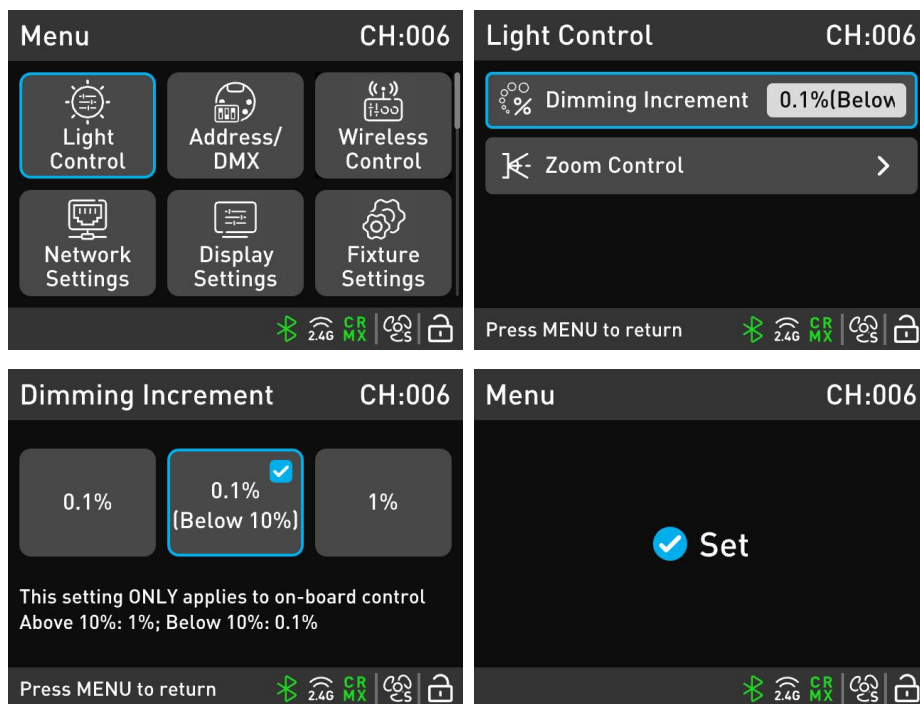
Level 1	Level 2	Level 3
Light Control	Dimming Increment	/
	Zoom Control	
Address/DMX	Address	/
	DMX Mode	
	DMX Reduce Channels	
	DMX Smoothing	
	DMX Dimming Curve	
	Loss Behavior	

Level 1	Level 2	Level 3
Wireless Control	Bluetooth Settings	Bluetooth On/Off
		Reset Bluetooth
	2.4G Settings	2.4G On/Off
		Wireless Protocol
	CRMX Settings	CRMX On/Off
		Radio Mode
		Unlink (When the fixture is set to "Receiver Mode")
		RF Output Power (When the fixture is set to "Transmitter Mode")
		Link (When the fixture is set to "Transmitter Mode")
	All Wireless On/Off	/
Network Settings	Art-Net&sACN	Art-Net/sACN State
		Art-Net Universe
		sACN Universe
	Network Mode	/
	IP Address	/
	Subnet Mask	/
	Gateway Address	/
	MAC Address	/

Level 1	Level 2	Level 3
Display Setting	Screen Brightness	/
	Rotate Screen	
	Button Backlight	
Fixture Settings	Fan Control	/
	Firmware Update	
	Reset All Settings	
	Fixture Info	
EXT Port Settings	EXT Port FW Update	/
	EXT Port Info	
Language	/	/

5.2.2. Menu Operation

In the menu, rotate the **right knob** to select an option and press the **right knob** to enter the next level menu. In the level 2 or level 3 menu, press the **MENU button** to return to the previous menu.



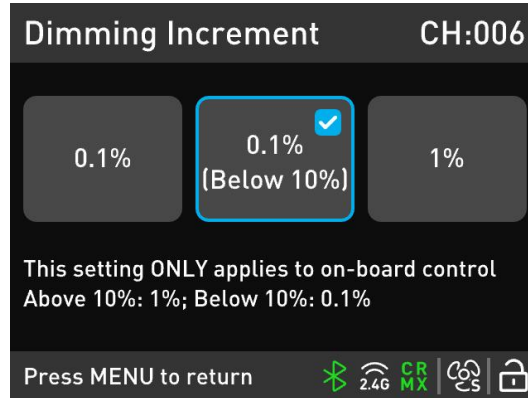
5.2.3. Others

(1) Dimming Increment

When 1% is selected, the dimming range is 0% to 100%, with increment of 1%.

When 0.1% is selected, the dimming range is 0.0% to 100.0%, with increment of 0.1%.

When 0.1% (Below 10%) is selected, if the brightness is set between 0.0% and 9.9%, the increment is 0.1%; if the brightness is set between 10% and 100%, the increment is 1%.



(2) Fan Control

When the fan is in Smart or Full Speed mode, the maximum brightness of the fixture is 100%.

When the fan is in Low Speed mode, the maximum brightness of the fixture is 50%.

When the fan is in Pause mode, the interior fan will stop working temporarily, the maximum brightness is 100%. When the fixture reaches the critical temperature, the fan will automatically switch to the Smart mode.

When the fan is in Off mode, the interior fan will stop working, and the maximum brightness of the fixture is 15%.

Description for Fan Icon:

Icon	Description
	Fan (Smart)
	Fan (Full Speed)
	Fan (Low Speed)
	Fan (Pause)
	Fan (Off)
	Fan Abnormal

(3) Description for Wireless Icon in the Bottom Toolbar:

Icon	Description
	Bluetooth Not Paired
	Bluetooth Paired
	Bluetooth Off
	2.4G On
	2.4G Off
	CRM Unlinked
	CRM Linked
	CRM Off

(4) Firmware Update

Put the firmware files into the root directory of the USB drive (ensure the versions of the firmware files are the same), insert the USB drive into the USB-C port, enter the Menu → Fixture Settings → Firmware Update, the system will automatically search for the firmware files.

(5) EXT Port Firmware Update

Put the firmware files of the EXT port into the root directory of the USB drive (ensure the versions of the firmware files are the same), insert the USB drive into the USB-C port, enter the Menu → EXT Port Settings → EXT Port FW Update, the system will automatically search for the firmware files.

▲ Note: ① Please do not rename the firmware files.

② Ensure the USB drive is formatted to FAT, FAT32 or exFAT.

③ If the instruction "The versions of the firmware files don't match. Please check the files and try again" is displayed, pls check if the versions of the firmware files are the same.

④ If the instruction "Missing parts of firmware files, please check the files and try again" is displayed, please ensure that all firmware files are stored on the USB drive.

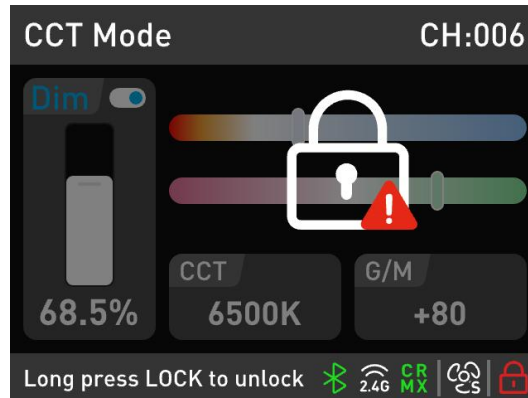
⑤ If the instruction "No firmware found, press MENU to return" is displayed, please check whether the firmware files are correct, whether they are stored in the root directory of the USB drive, and whether the USB drive is formatted as FAT, FAT32 or exFAT.

⑥ If all the above steps have been completed and the firmware files still cannot be found, please format the USB drive again.

⑦ If the fixture still cannot recognize the USB drive, please replace the USB drive.

5.3. Lock

Long press the **LOCK button** for 3s to lock the lighting state. Long press the **LOCK button** for 3s again to unlock. The lock setting only locks the control panel; the fixture can still be controlled via DMX signals (including Art-Net, sACN) and all wireless signals (including CRMX, wireless DMX, 2.4G, Bluetooth).



▲ Note: If the fixture is turned off while in a locked state, it will remain locked when turned on again. To unlock, long press the **LOCK button**.

5.4. NFC Function

The fixture has a built-in NFC function, allowing it to quickly pair with NFC-enabled devices (with the Nanlink App downloaded), enabling adjustments to DMX control parameters.

6. Troubleshooting for Common Issues

Issues	Troubleshooting Guide
The fixture can't power up.	1. Please check whether the connections between the cable, fixture, and power outlet are loose. 2. Please check whether the power source voltage and frequency are within the specified range.
The fixture can be operated manually, but DMX control is not working.	1. Please check whether the DMX address setting is correct. 2. Please check whether the DMX cable is connected correctly and without damage.
The display screen is on, but the fixture cannot be operated.	Please check whether the screen shows "🔒". Long press the LOCK button for 3s to unlock.
The fan doesn't work.	Please turn on the fixture and check whether the fan is in Off or Pause mode.

Please scan the QR code for more details.



【DMX Charts】



【Nanlux Website】



【Nanlink App】

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