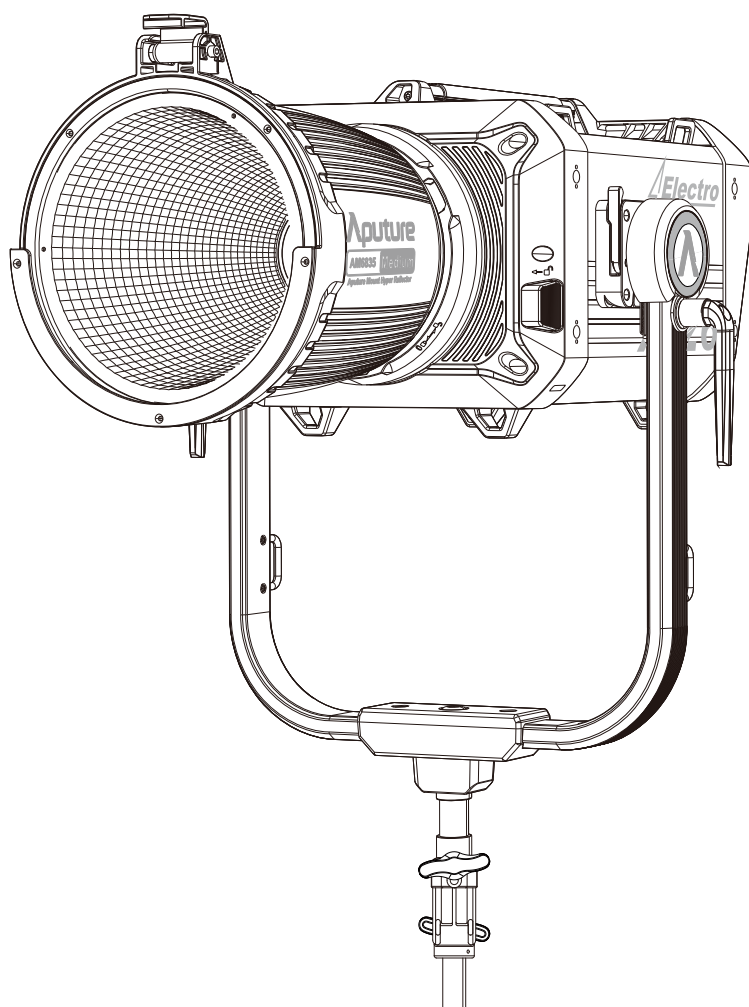




Electro Storm XT26

Product Manual

English

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Introduction

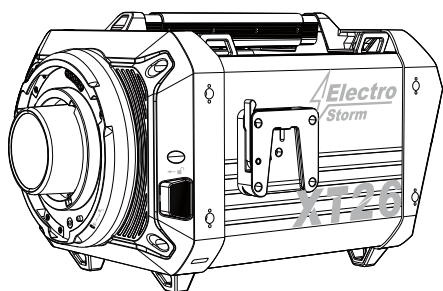
The Electro Storm XT26 is an ultra-bright LED spotlight with a variable white light engine. The new LED chip design adds green-magenta adjustability while maintaining high light output and spectrum accuracy across the entire dimming range. The light features electronic mounts that enable remote control of zoom, pan and tilt when compatible accessories are paired, through a single header cable between the lamp head and the Control Box that feeds both power and data.

The XT26 can be remotely controlled via industry standard protocols such as DMX512-A, LumenRadio CRMX, RDM, Art-Net, and sACN, as well as Sidus BT from Aputure. It is certified to IP65 weather protection for versatility and peace of mind when working in wet or dusty environments.

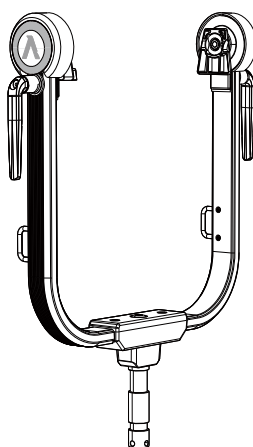
Components List

Please check whether the following items are contained in the package before using the product.

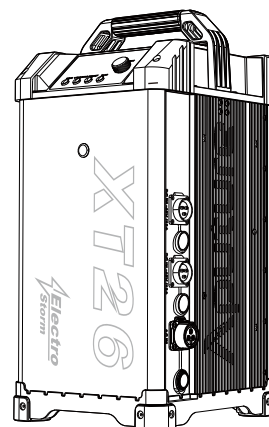
Please contact your dealer if there are any missing items.



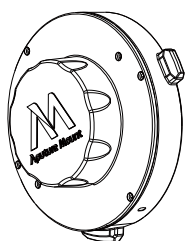
Electro Storm XT26 Lamp Head
×1



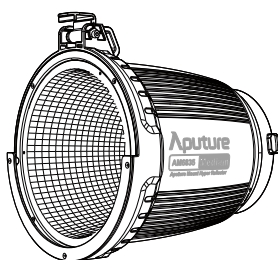
Removable XT26 Yoke
×1



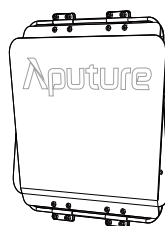
XT26 Control Box
×1



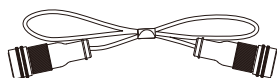
Aputure Mount
Protection Cover
×1



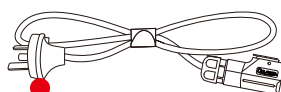
Aputure Mount
35° Reflector
×1



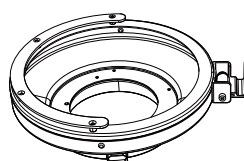
Barn Doors for Aputure Mount
Reflectors (35°/50°)
×1



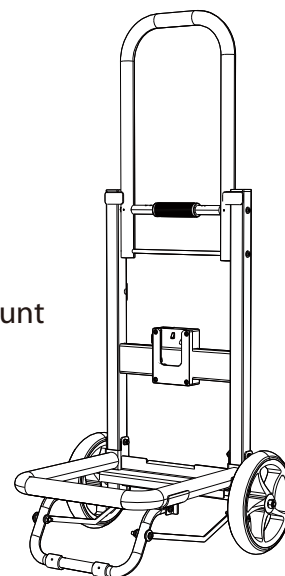
Waterproof Head Cable
(15m/590.55in)
×1



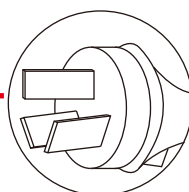
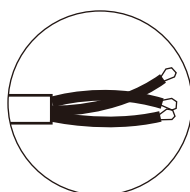
AC Power Cord
(6m/236.22in)
×1



Aputure Mount
Barn Doors Adapter
×1



Control Box Dolly
×1



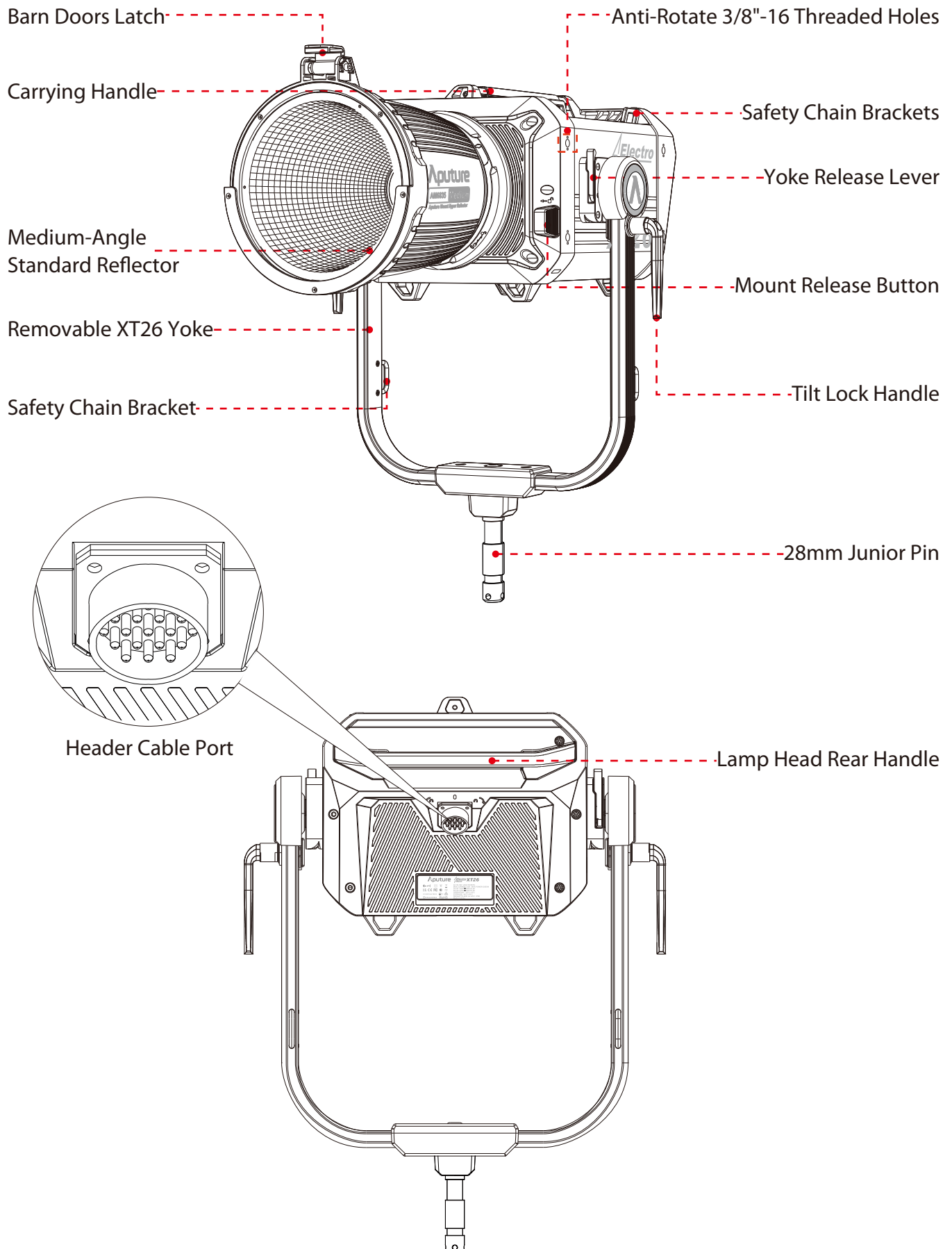
The illustration is for reference only since plug specifications can vary in different regions.

Statement: If you choose the AC power cord without a plug, we will not provide a plug and you need to purchase and assemble it separately.

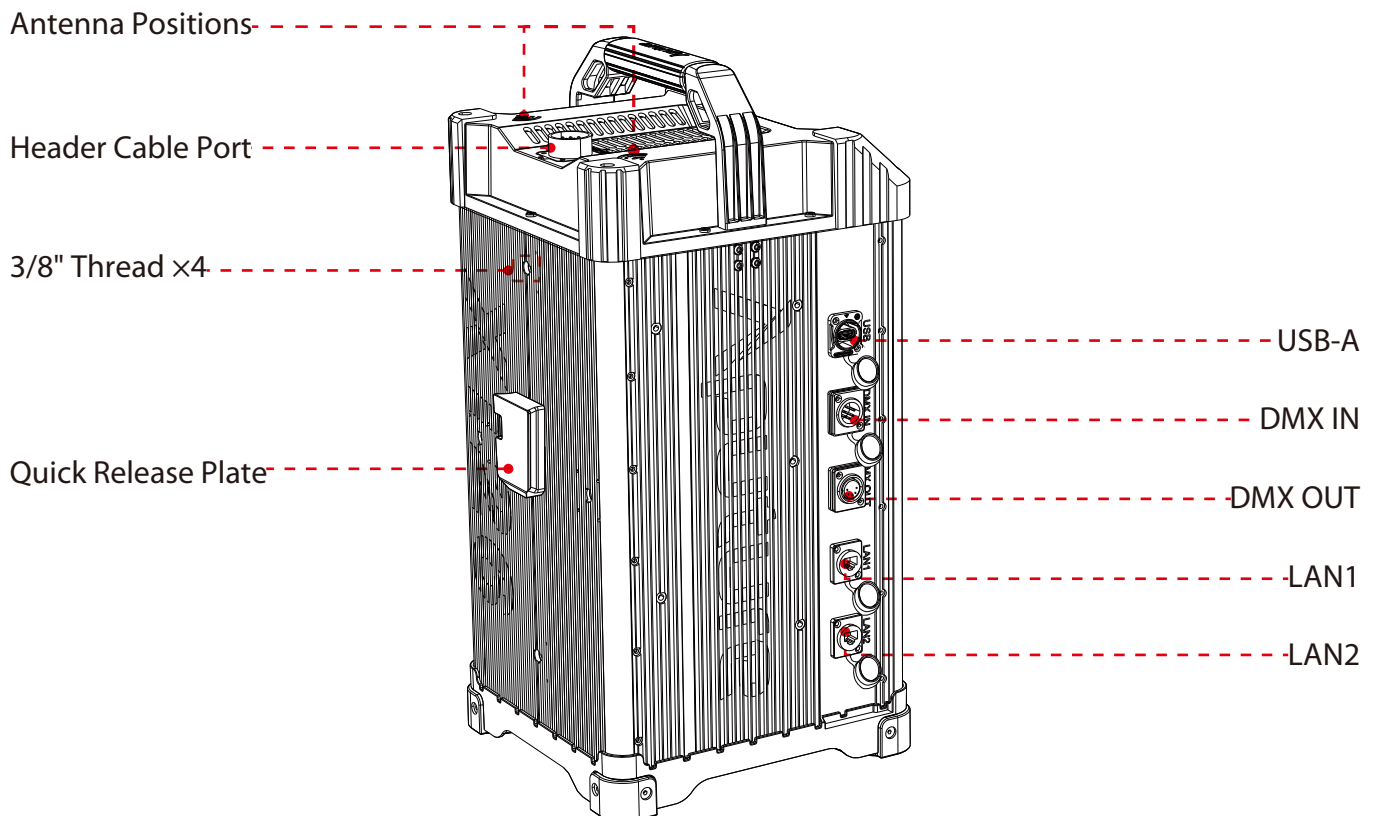
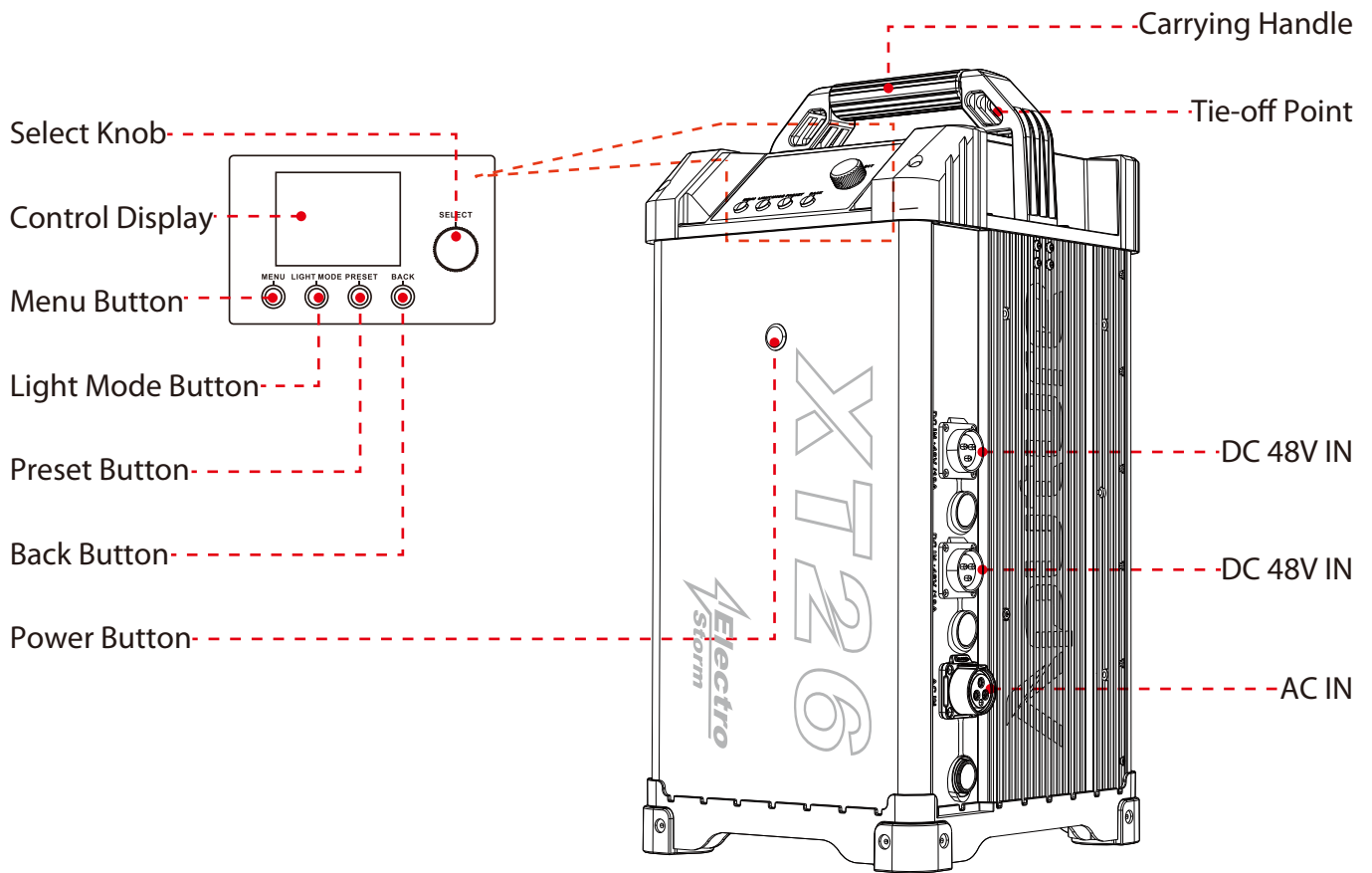
* All illustrations in this manual are for reference only. The physical product may differ from the schematic diagram due to continuous updates and upgrades.

Product Overview

1. Lamp



2. Control Box

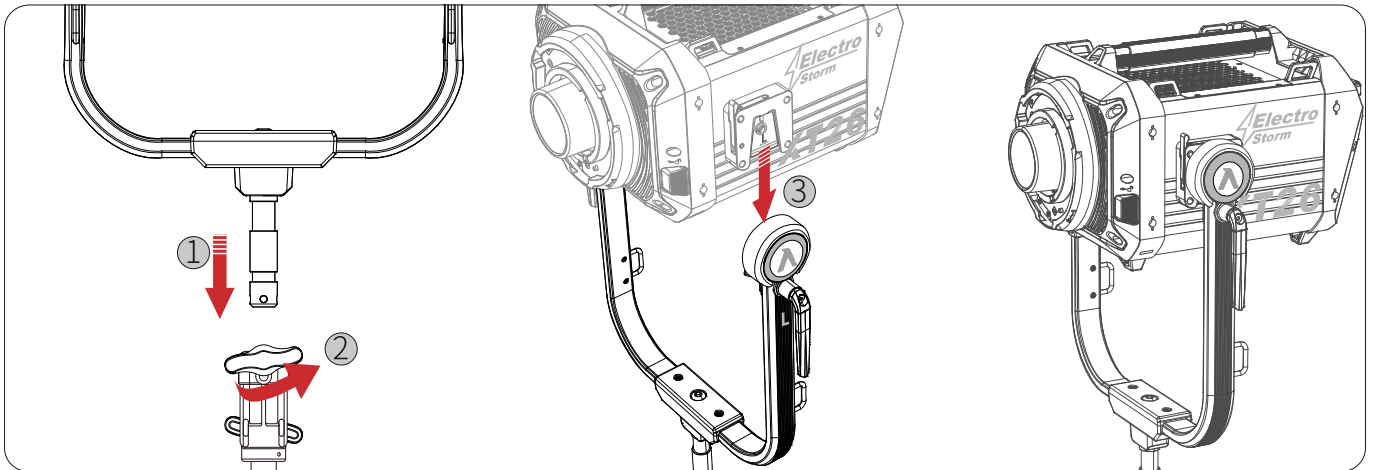


Setup

1. Installation and Removal of the XT26 Yoke

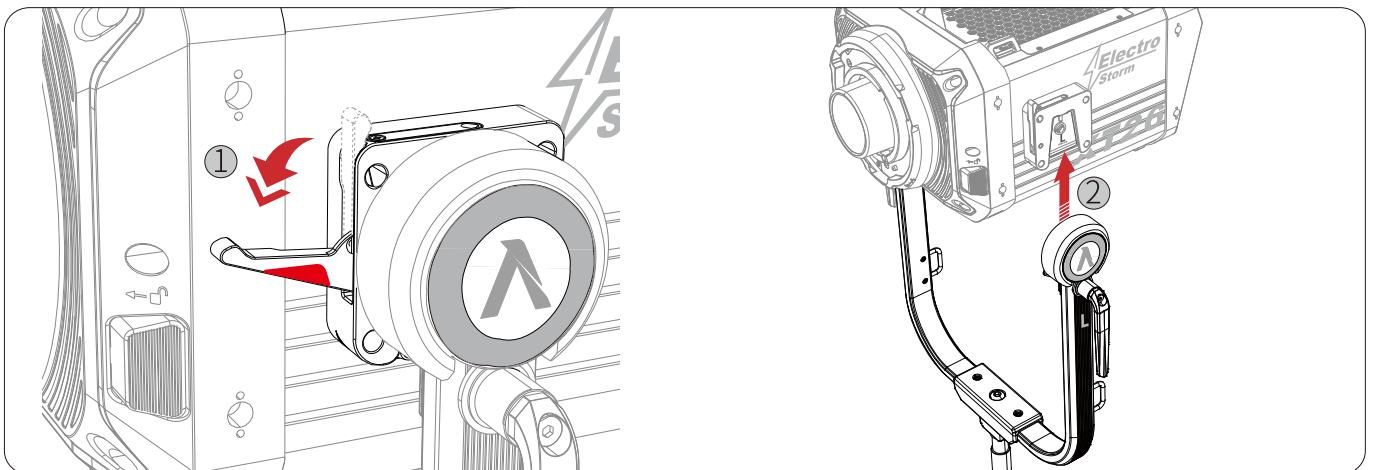
① Installation of XT26 Yoke

Insert the XT26 Yoke's Junior Pin into a rigid Junior Receiver and lock in place. Align the lamp head with the quick release plates on both sides and install until locked.



② Disassembly of XT26 Yoke

While holding the Carrying Handle of the lamp, turn the Yoke Release Lever on both sides of the yoke until they unlock. Lift the lamp head upwards to remove it from the yoke.



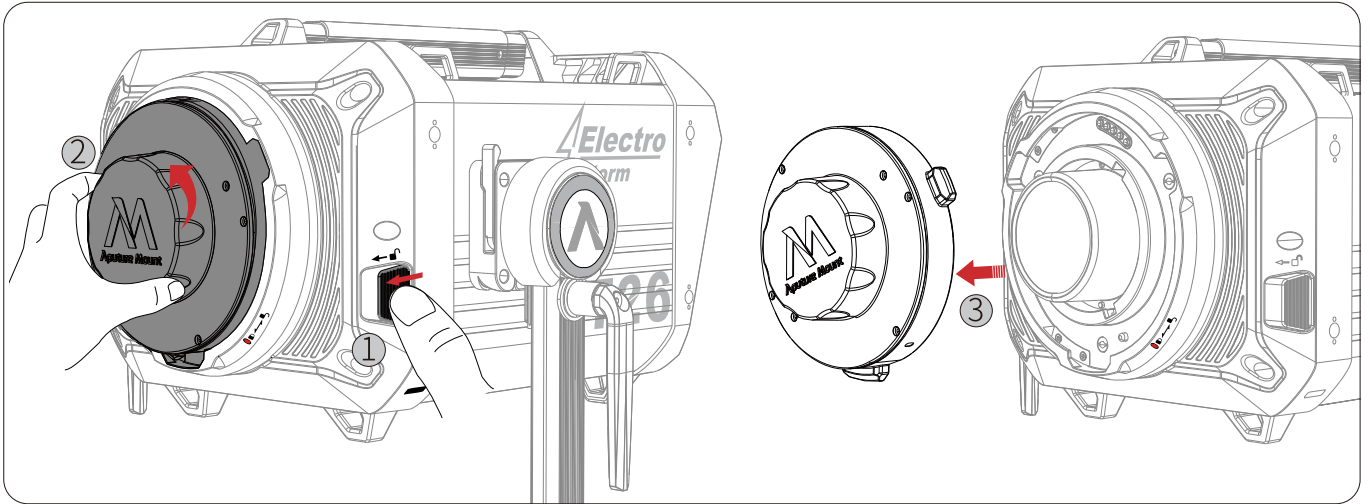
* The Yoke Release Levers will display red on the sides if the lamp is not completely seated and locked. Please re-align and insert the lamp again until the Yoke Release Levers show no red and a "click" noise of the plate locking has been heard.

* It is recommended to install and disassemble the lamp and yoke while the yoke is sturdy and upright.

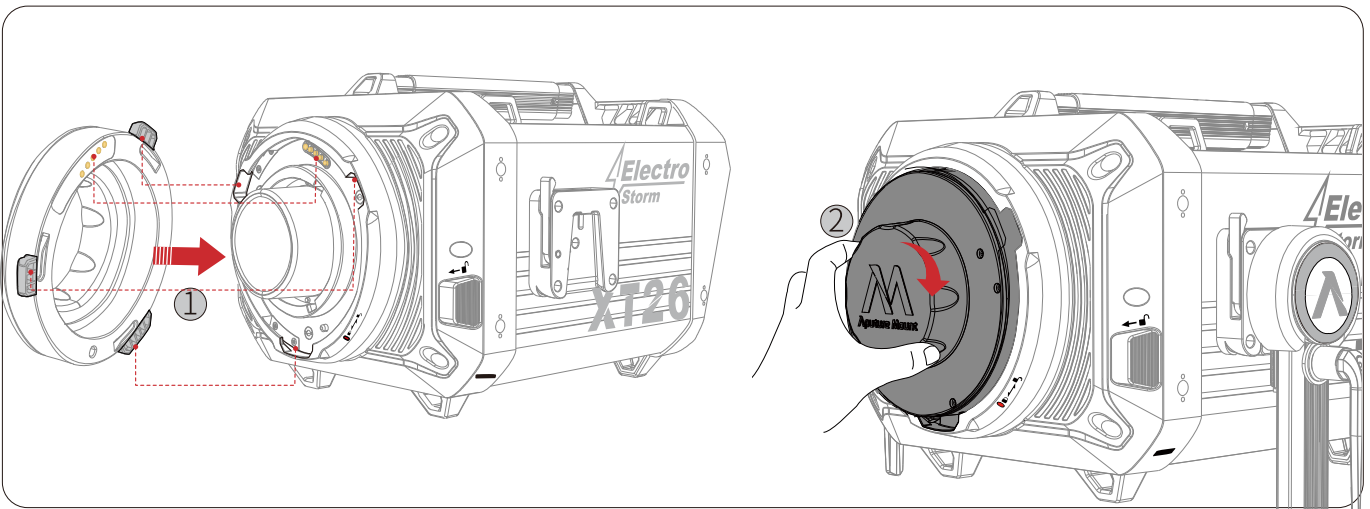
2. Disassembly and Installation of Aputure Mount Protection Cover

Press the button in the direction indicated by the arrow and rotate the protection cover. Rotate the protection cover in the reverse direction for its installation.

Disassembly of protection cover



Installation of protection cover

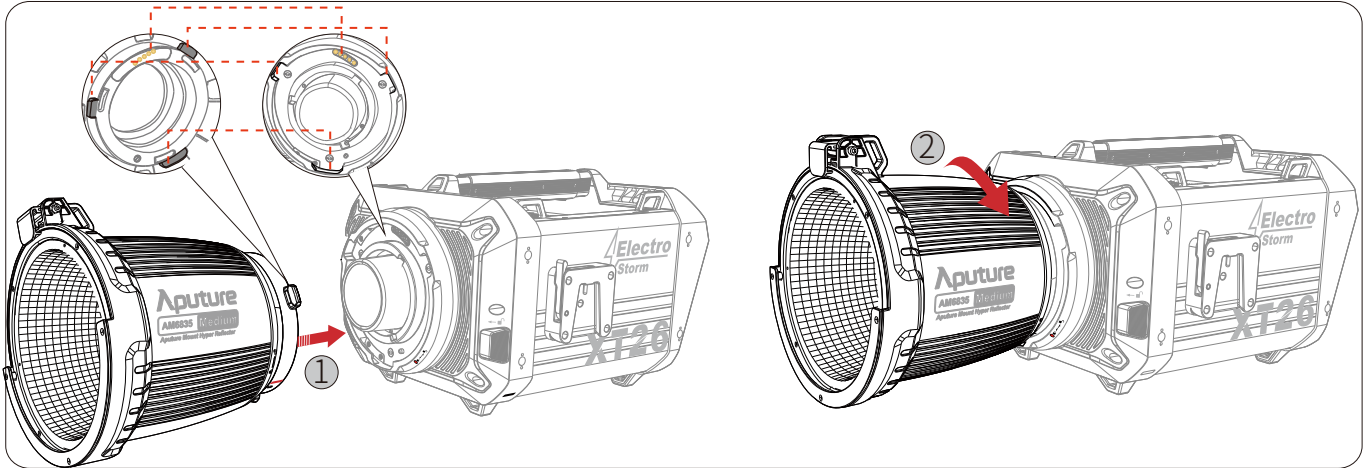


* Make sure to remove the Aputure Mount Protection Cover before using the device. Install the Aputure Mount Protection Cover for transport and storage.

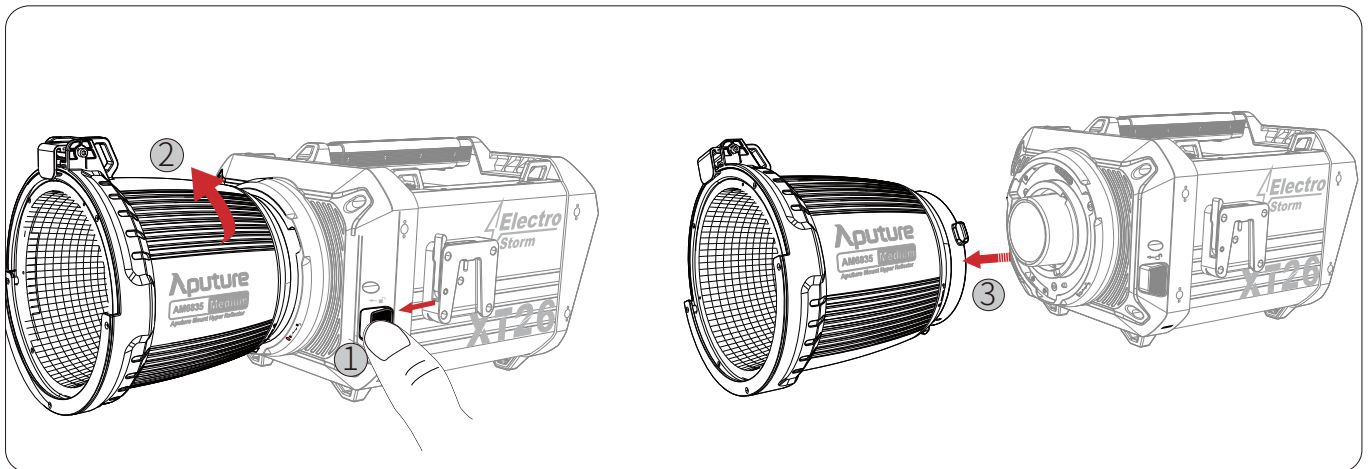
3. Installation and Disassembly of Standard Reflector/Barn Doors Adapter

Press the Mount Release Button and insert and rotate the Standard Hood/Adapter until it locks in place; reverse to remove.

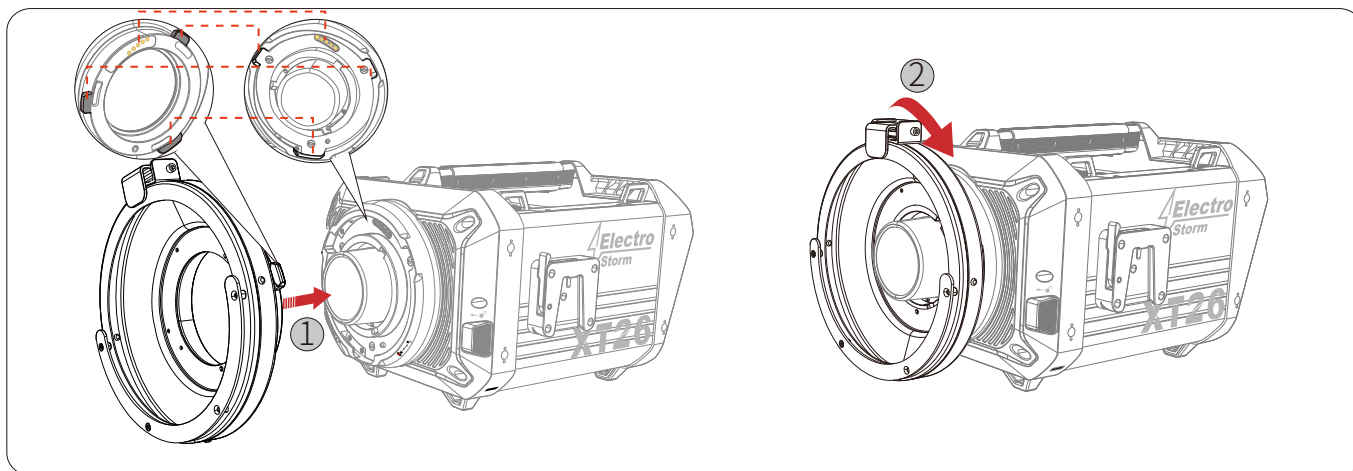
Installation of Standard Reflector



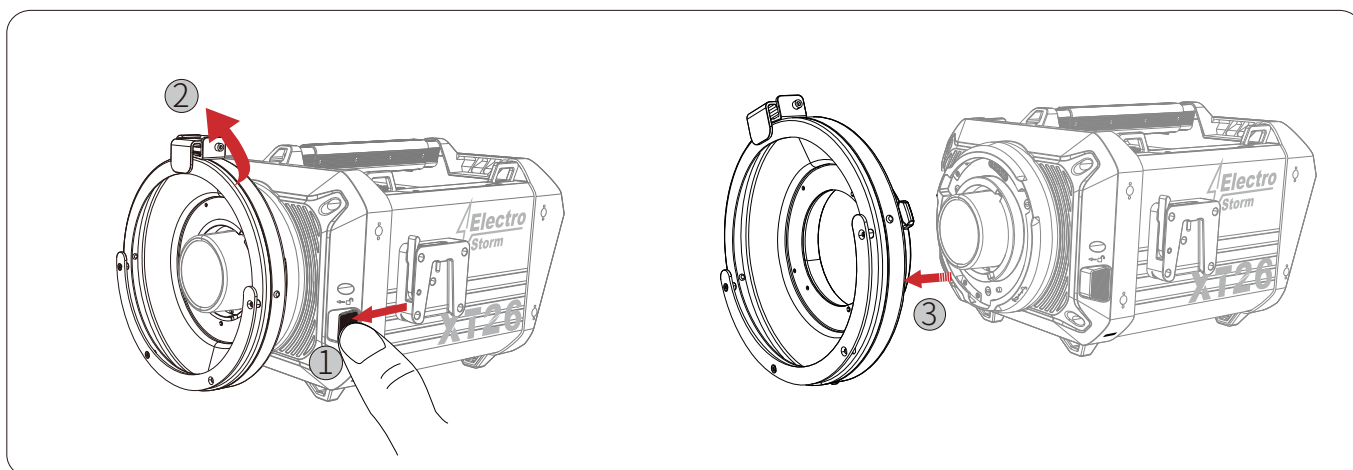
Removal of Standard Reflector



Installation of Barn Doors Adapter

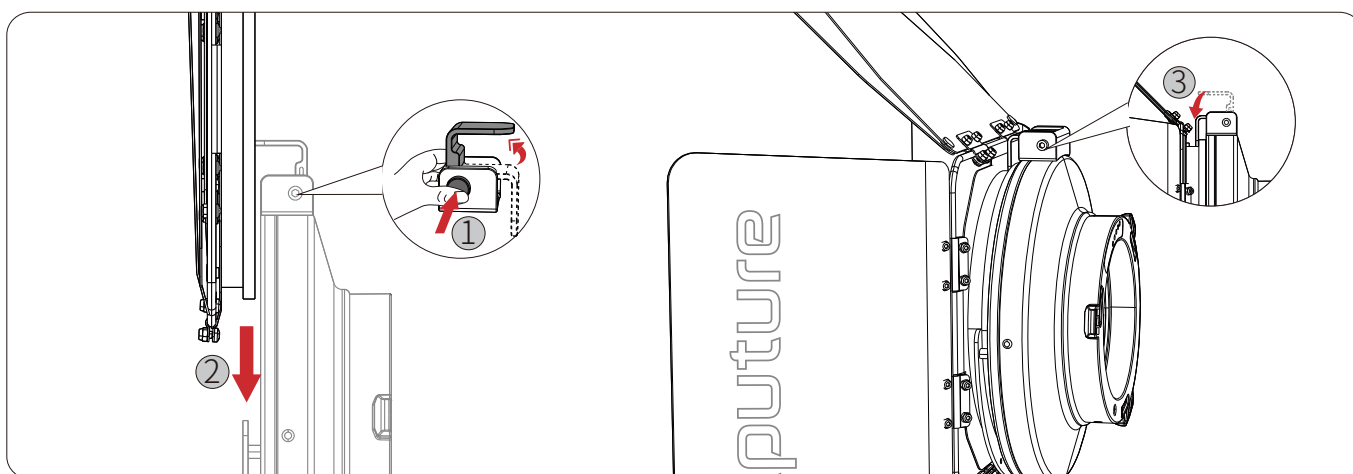


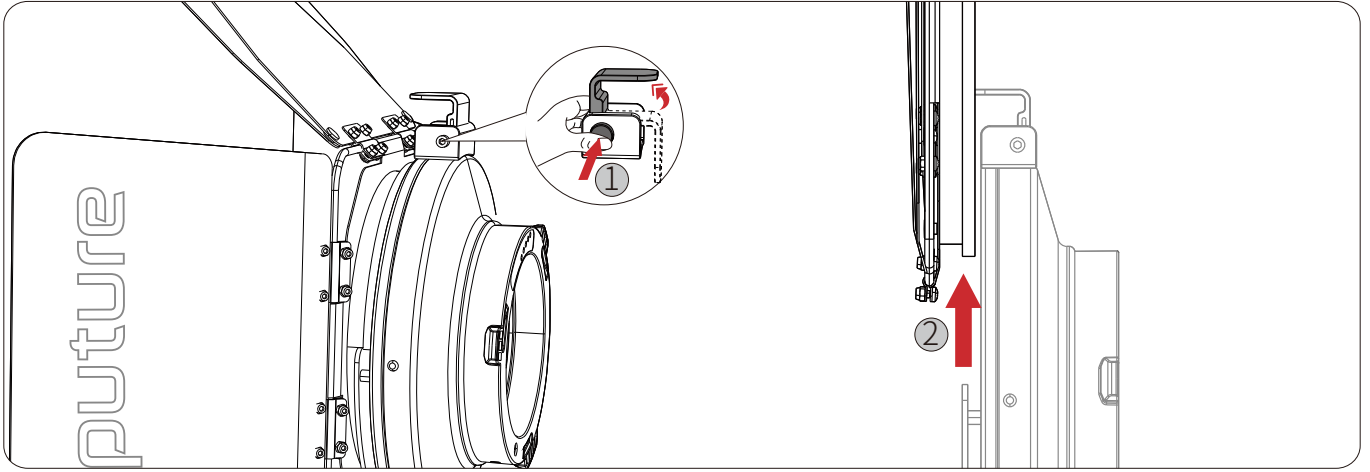
Removal of Barn Doors Adapter



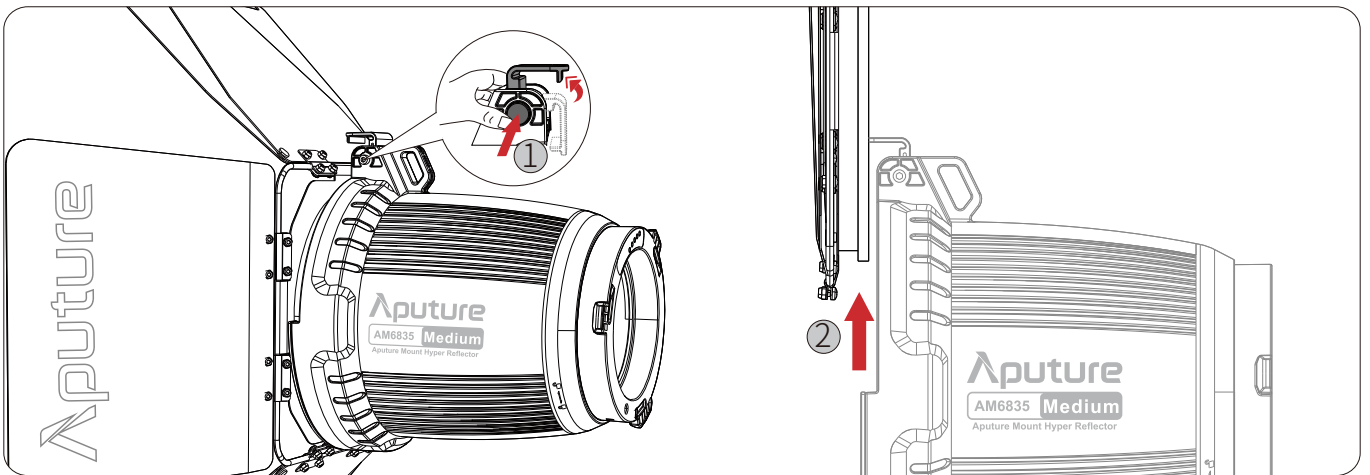
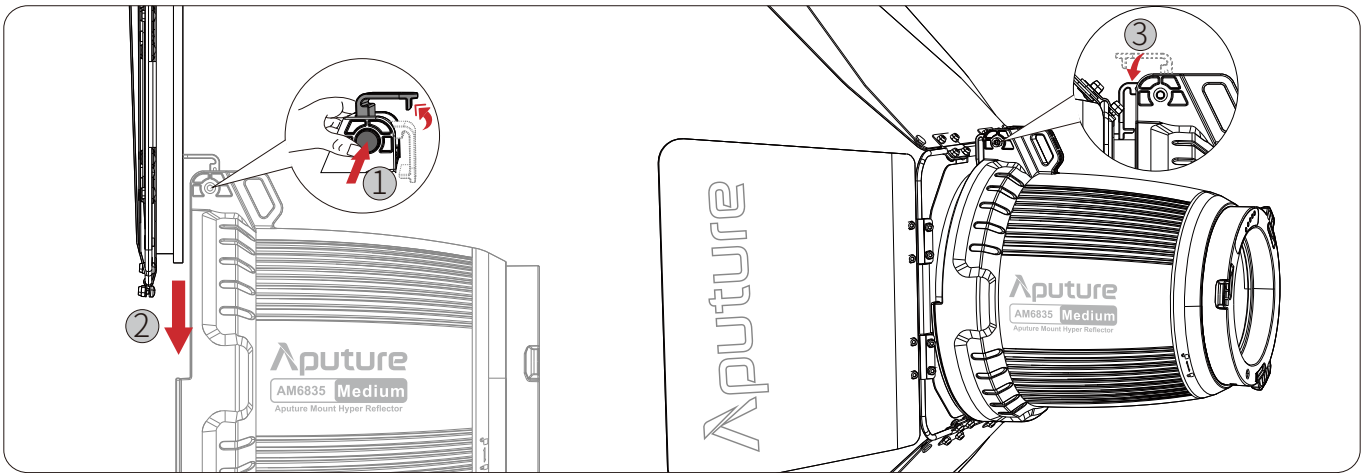
4. Installation and Removal of the Barn Doors

With Barn Doors Adapter



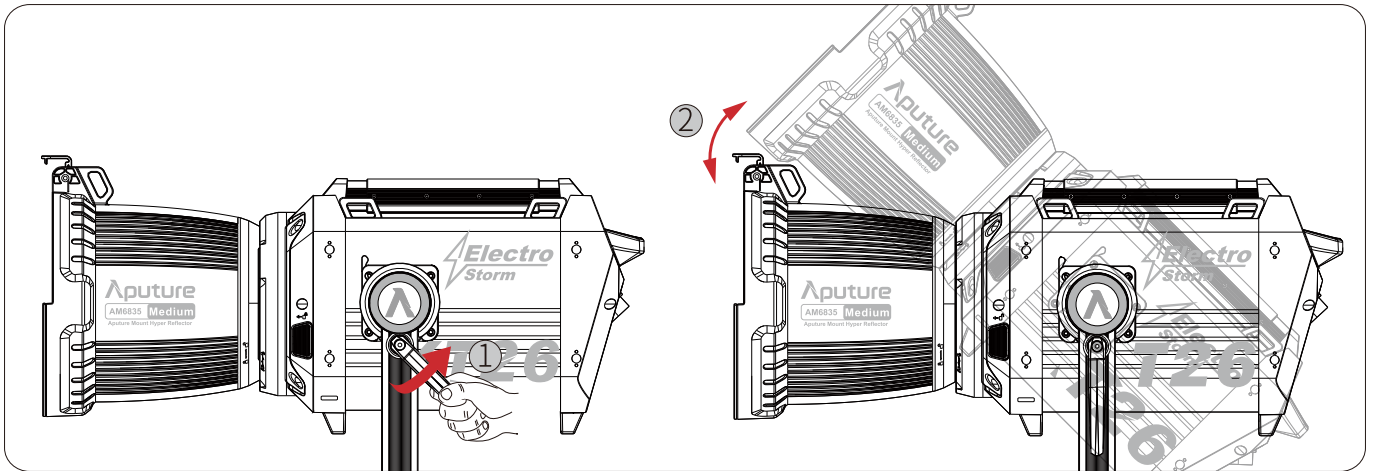


With Standard Reflector



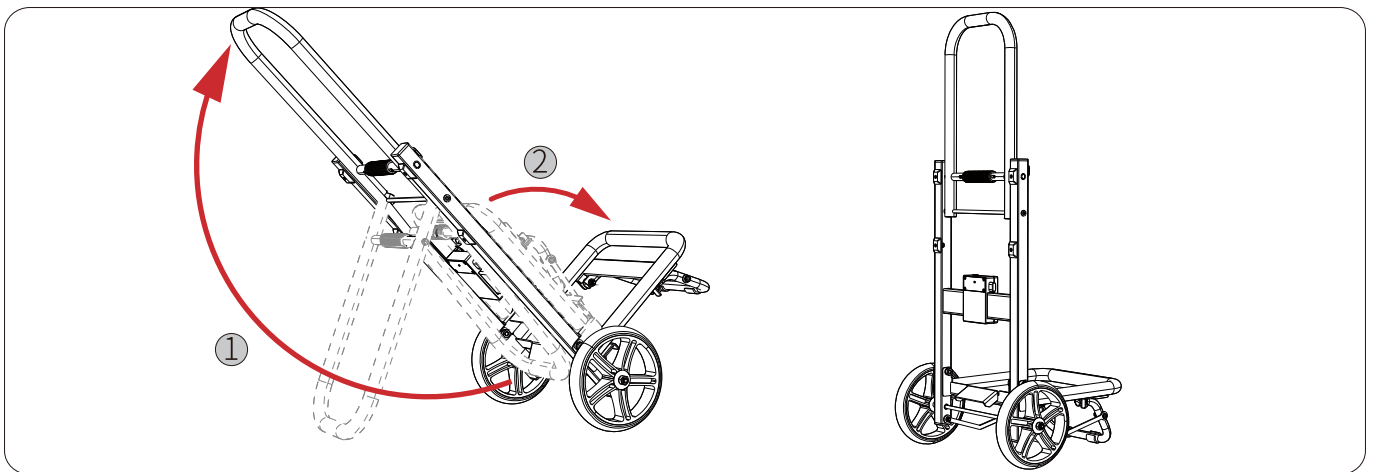
5. Lamp Adjustment

The lamp angle can be adjusted by loosening the disc brake handles.

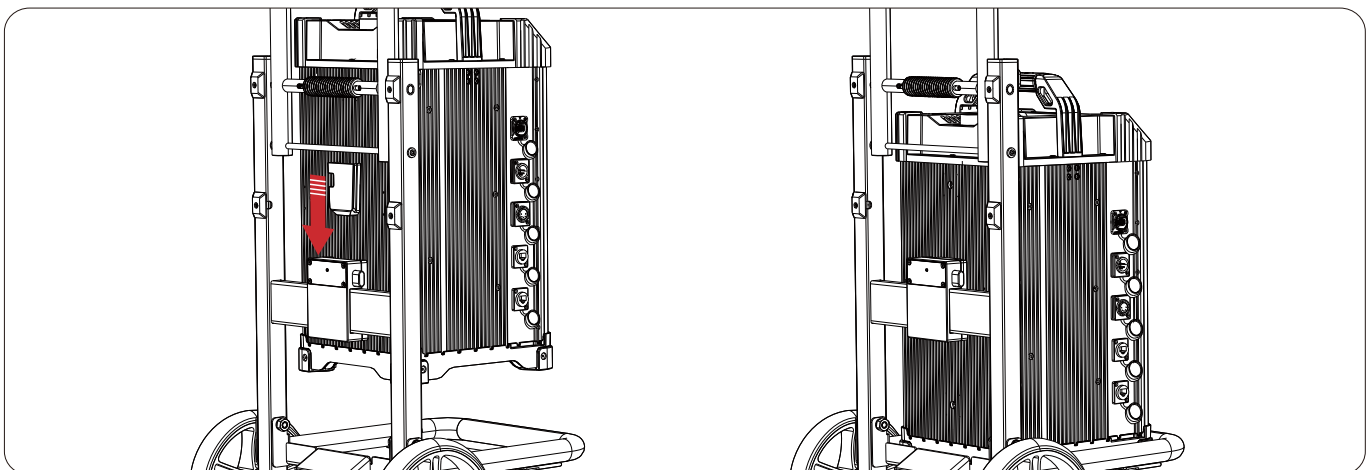


6. Installation and Disassembly of Control Box Dolly

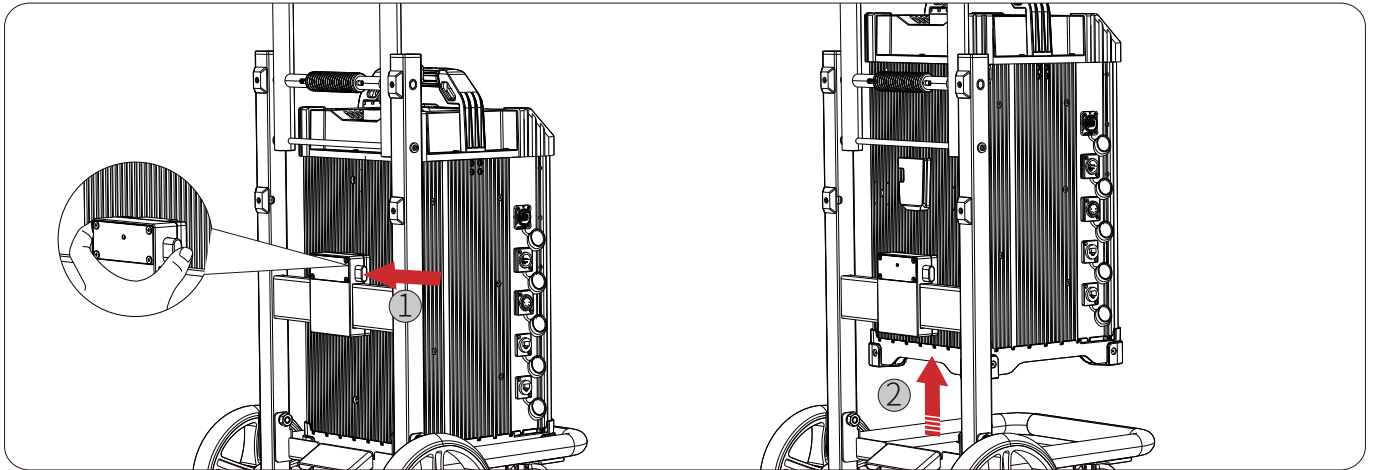
① Unfold the Control Box Dolly



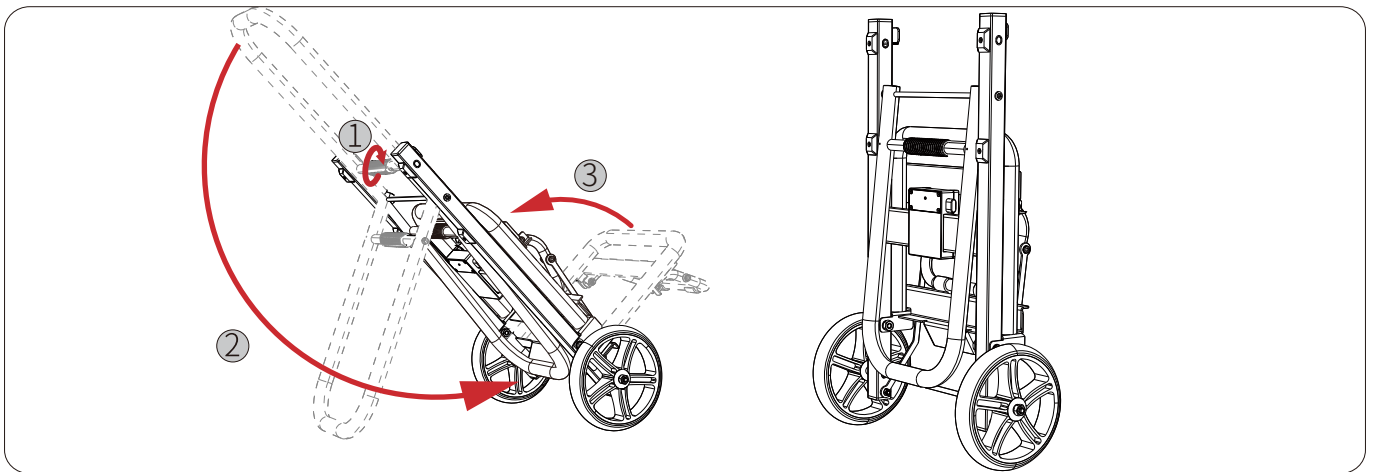
② Lift the Control Box and install it into the quick release mechanism of the dolly



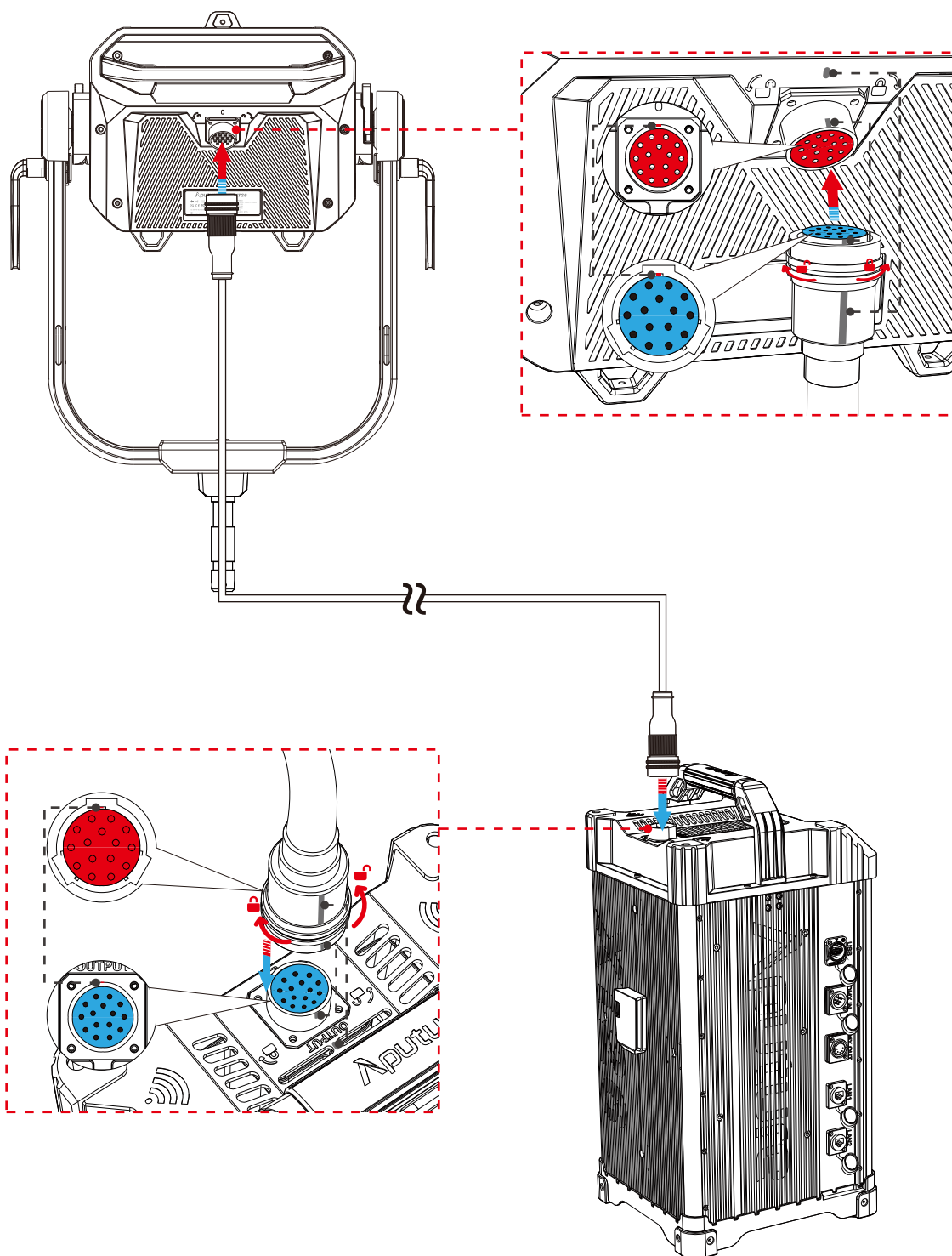
③ To remove the Control Box from the dolly, press the release button and lift up on the Control Box



④ Fold and store the dolly

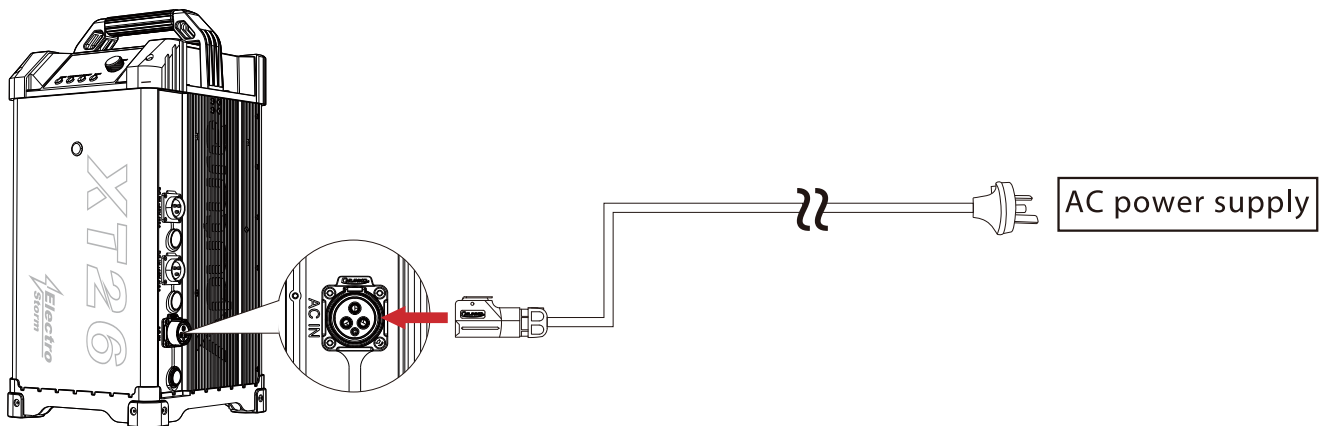


7. Connection of Lamp with Control Box

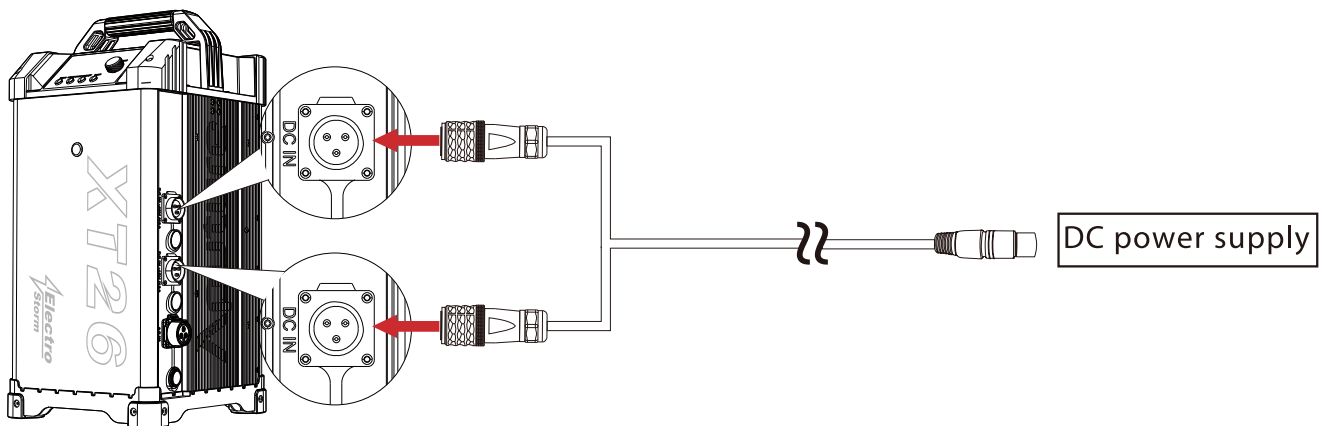


8. Power Supply Connections

① AC power supply



② DC power supply



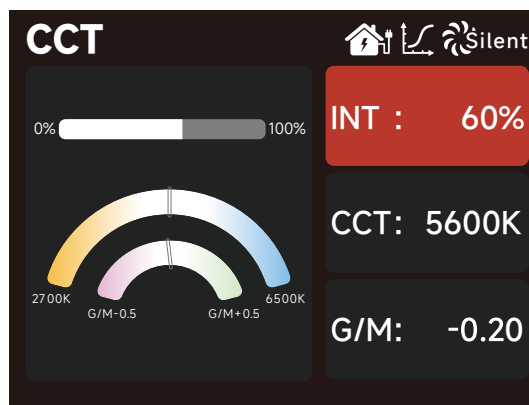
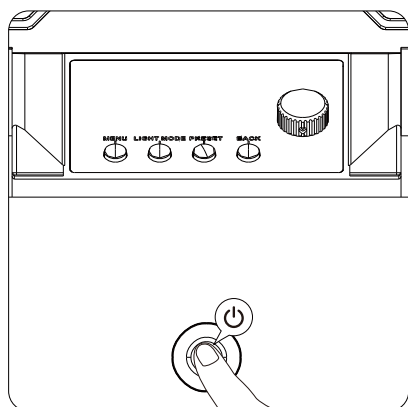
Note:

1. DC power cable needs to be purchased separately.
2. The connected DC power supply needs to support 3200W (48V/67A).

Operating Instructions

1. Power On/Off

Connect the power supply and press the power button on the Control Box to turn on/off



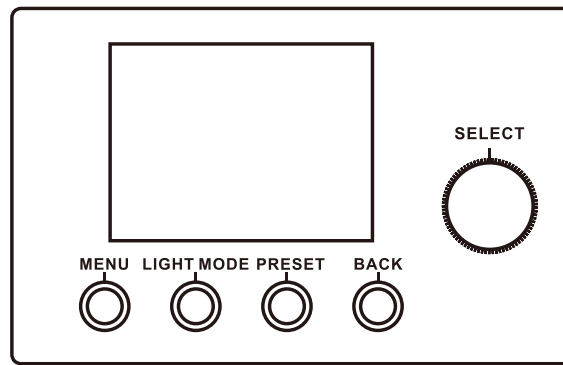
Note: If your fixture has Studio Mode "ON", the Control Box will power on whenever power is supplied to it.

1.1 Status Indicator Icons

Lead/Follow Mode: Leader		Sidus Bluetooth	
Lead/Follow Mode: Follower		Receiving CRMX data	
Fan Mode:		Receiving CRMX/DMX data not present	
		CRMX Linked/No TX present	
		Network Control Protocol present	
		AC Power Detected	
Dimming Curve: Linear		15 Amp Power Cable Detected	
Dimming Curve: S-Curve		DC power supply: DC interface 1	
Dimming Curve: Exp		DC power supply: DC interface 2	
Dimming Curve: Log			

2. Manual Control of Control Box

Press the button on the Control Box to enter the corresponding modes: MENU, LIGHT MODE, and PRESET.

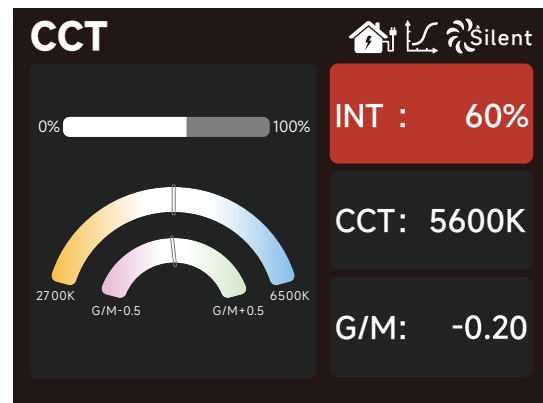
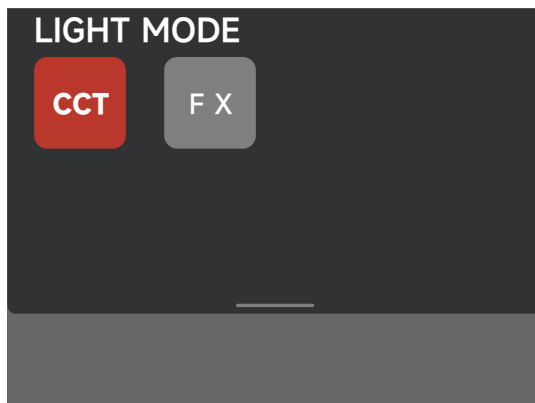


2.1 Light Mode

Press the “Light Mode” button and enter the menu interface, which consists of CCT and FX.

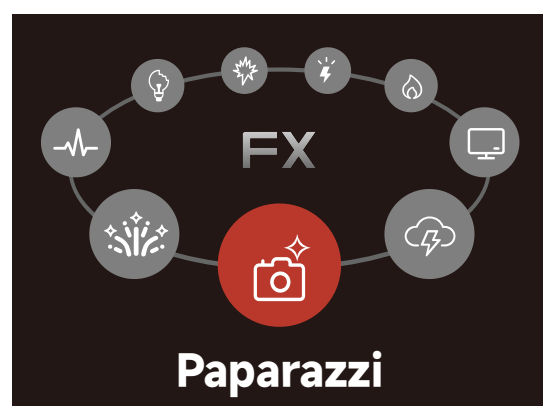
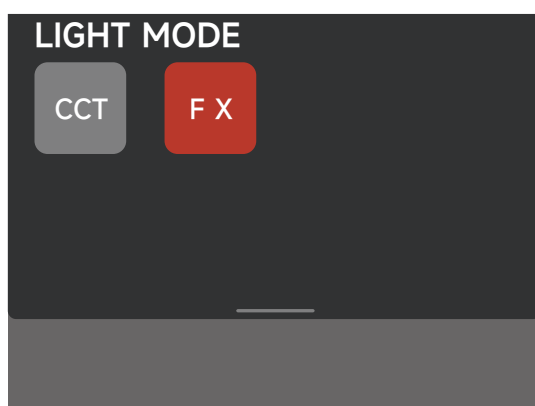
2.1.1 CCT

Adjust the Color Temperature (2700K-6500K) and the Green/Magenta level (-0.50 thru +0.50).



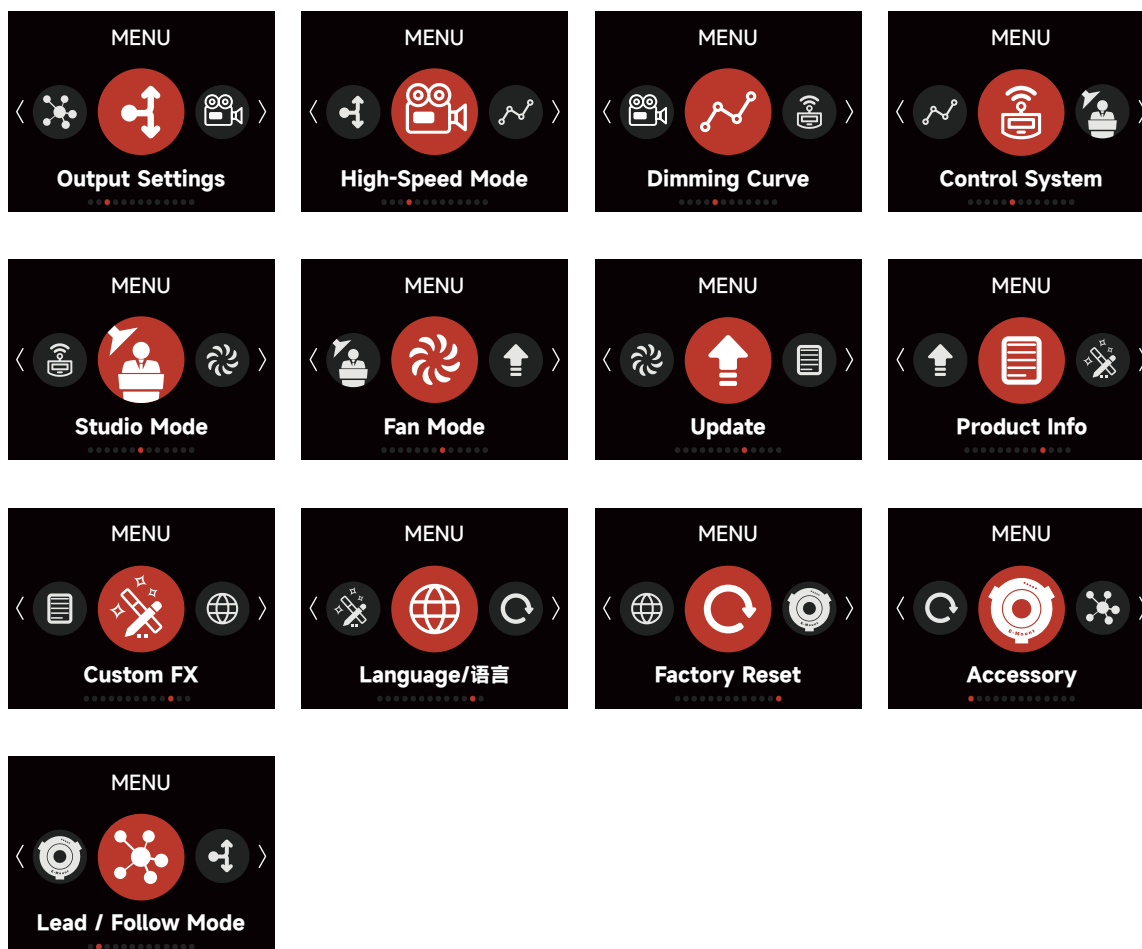
2.1.2 FX

Select between FX modes: Paparazzi / Fireworks / Defective Bulb / Lightning / TV / Pulse / Flash / Explosions / Flames



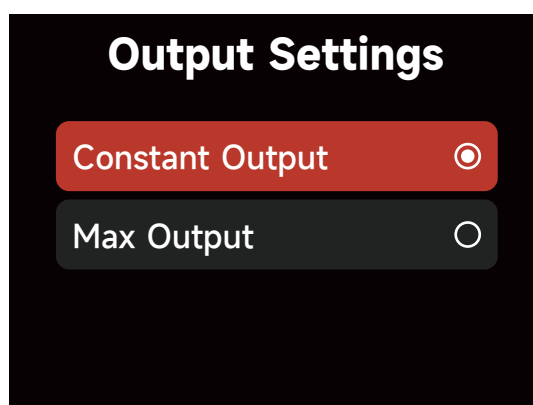
2.2 Settings

Press "MENU" to access the interface of the various settings. Choose between: Output Settings, High-Speed Mode, Dimming Curve, Control System, Studio Mode, Fan Mode, Update, Product Info, Custom FX, Language, Factory Reset, Accessory, Lead/Follow Mode.

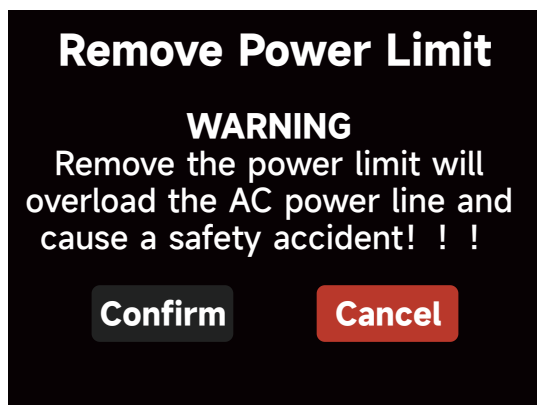
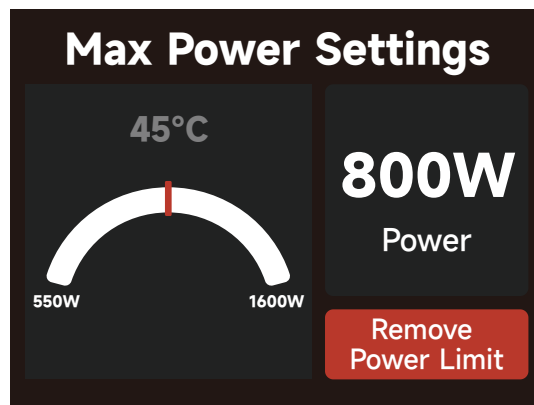
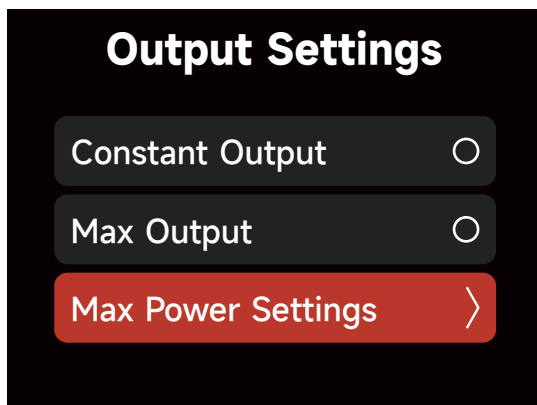


2.2.1 Output Settings

- (1) Constant Output: The lamp's brightness is consistent throughout the color temperature range.
- (2) Max Output: The lamp's brightness is prioritized throughout the color temperature range.

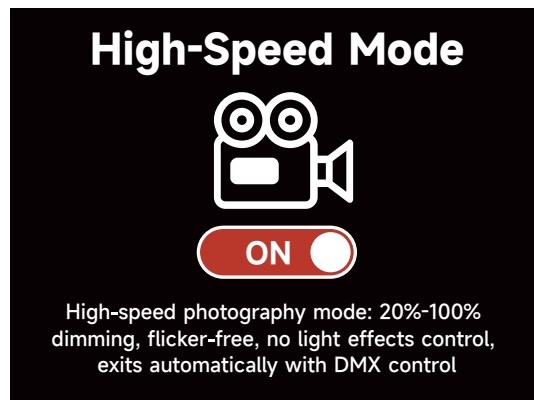


(3) Max Power Settings: When you utilize the indoor power supply cable, this function will be unlocked; you can also release the indoor power supply limitation manually.



✱ The indoor power supply is available separately in some regions. When the cable is connected to the power supply, the fixture will automatically match the maximum indoor power in the region where it is applied; The user may release the power limitation in the interface. Please note that selecting this option may lead to an overload of your power supply circuit and bypass safety considerations!

2.2.2 High-Speed Mode

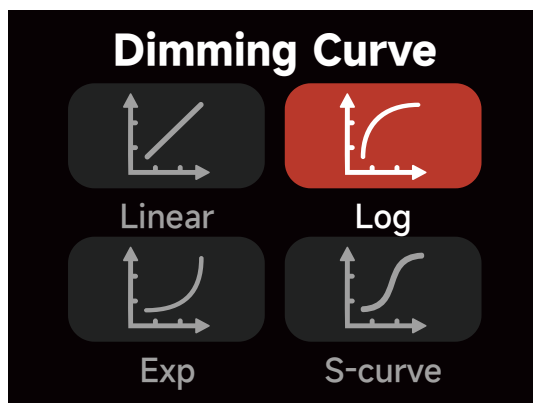


* If you turn on High-Speed Mode:

- (1) The intensity of the lamp is set to a minimum of 20%. No level below 20% is allowed while using High-Speed Mode.
- (2) FX Modes cannot be utilized in High-Speed Mode.
- (3) Controlling the light with DMX data is not allowed in High-Speed mode. If the unit detects DMX data, then High-Speed Mode is automatically disabled.

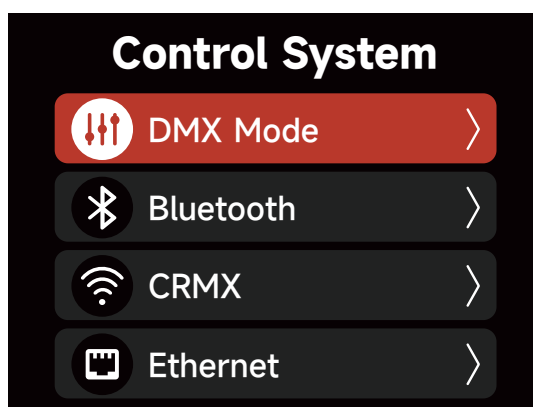
2.2.3 Dimming Curve

The following Dimming Curves are available: Linear, Logarithmic, S-Curve and Exponential.



2.2.4 Control System

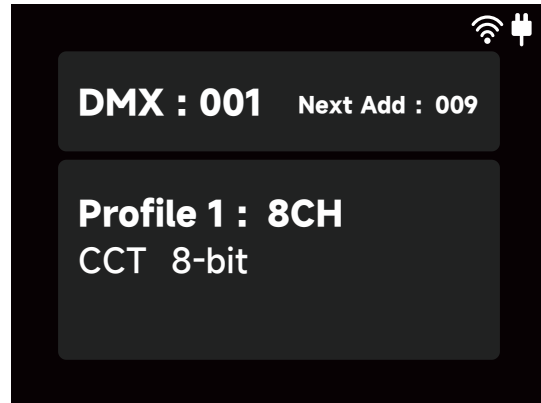
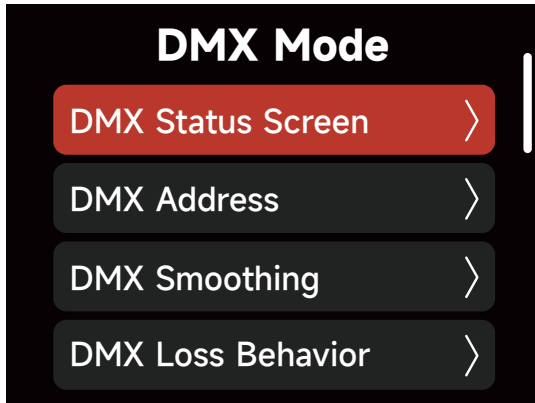
Electro Storm XT26 is equipped with four remote control options: DMX, Sidus BT, CRMX and Ethernet (Art-Net/sACN). Only one control option can be used at a time.



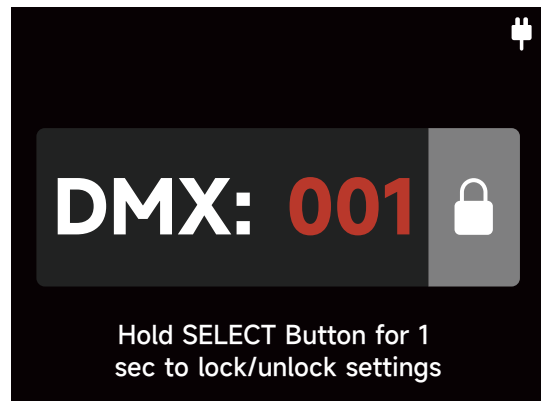
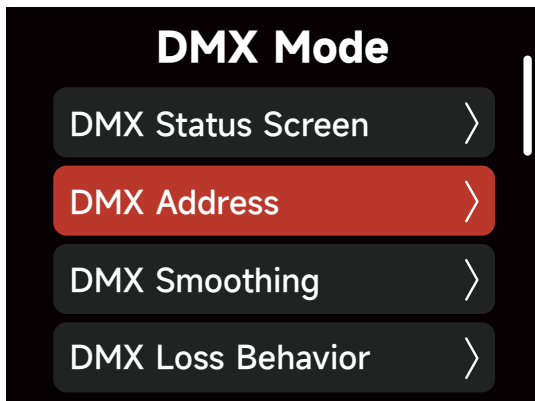
2.2.4.1 DMX

In DMX Mode, you can choose the following options.

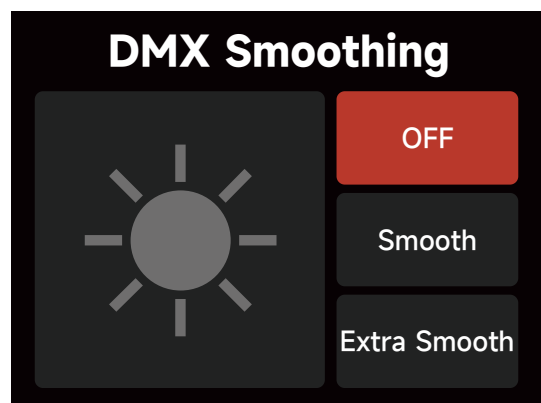
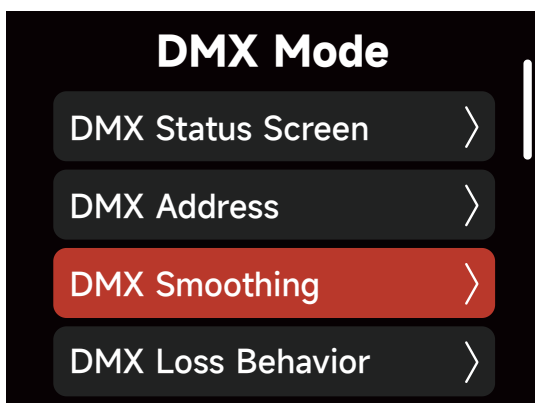
- (1) DMX Status Screen—displays information including: DMX Address, CRMX reception strength, DMX Profile in use, the next available address after this light and its accessories total DMX footprint.



- (2) DMX Address: set the DMX address of the device and long press "Select" to lock the current address and display. Long press the knob again to unlock.

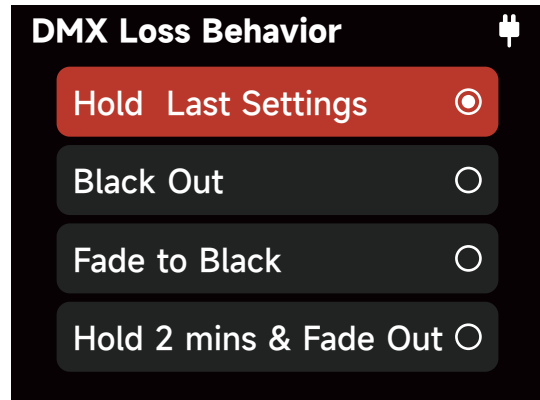
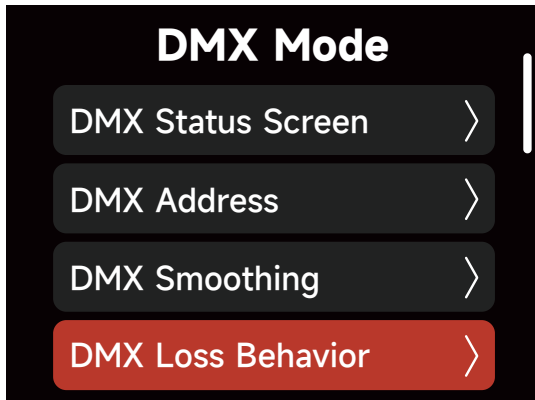


- (3) DMX Smoothing: set the smoothness of DMX dimming. You can choose between Smooth, Extra Smooth and OFF.

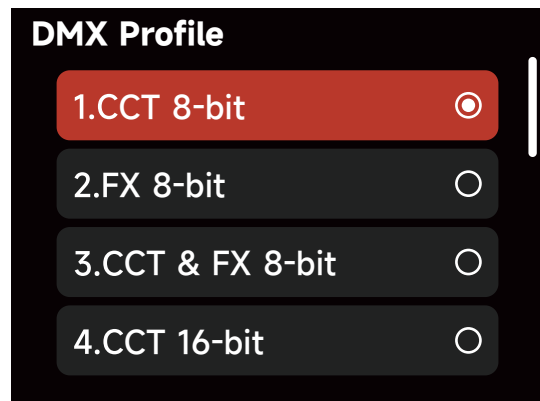
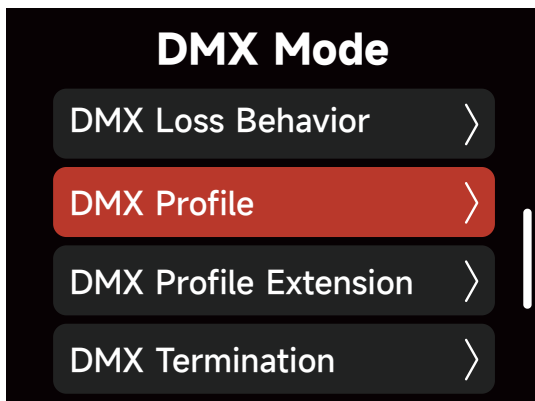


(4) DMX Loss Behavior:

- ① Hold Last Settings – holds the last control levels after the DMX signal is lost;
- ② Black Out – black out after the DMX signal is lost;
- ③ Fade to Black – fade to black over 60 seconds after the DMX signal is lost;
- ④ Hold 2 mins & Fade Out – hold the last control signal for 2 minutes and fade out over 60 seconds after the DMX signal is lost;



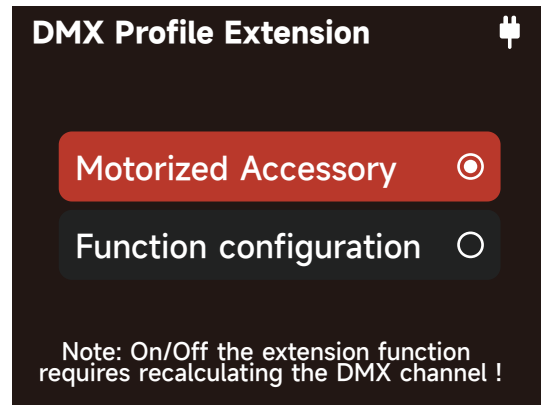
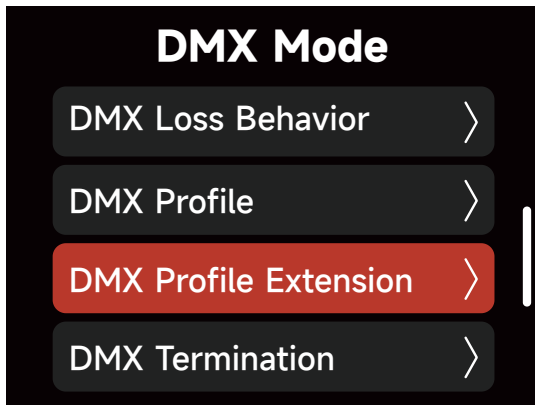
(5) DMX Profile: Refer to the DMX Chart for details.



(6) DMX Profile Extension:

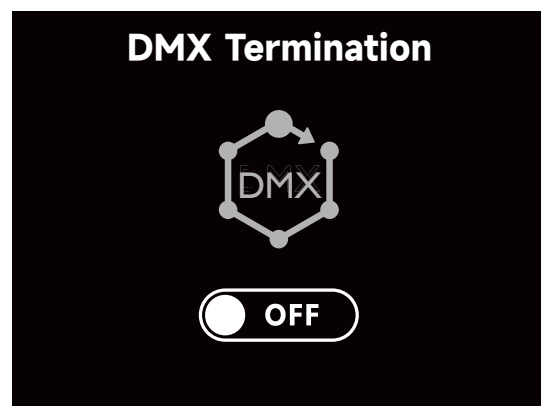
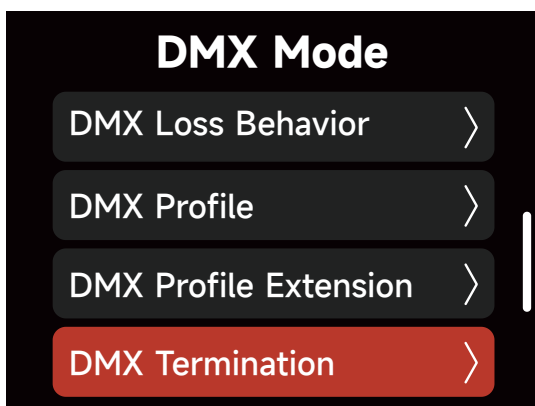
Motorized Accessories: When enabled, the required channels for the Motorized F14 Fresnel and the Motorized Yoke are added to the end of the current DMX Profile's footprint. (Enabled by default.)

Function Configuration: When enabled, the required channels for the Fan and Dimming Curve are added after the Motorized Accessories (if enabled) or after the end of the current DMX Profile's footprint.



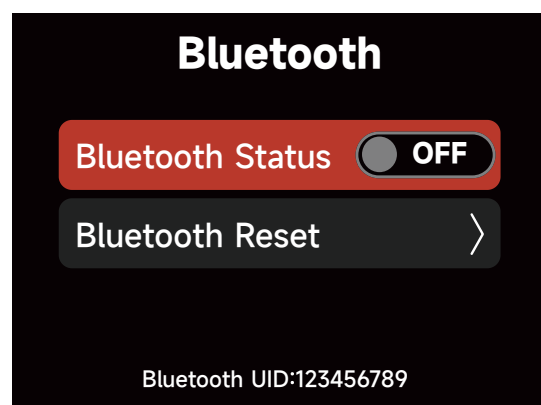
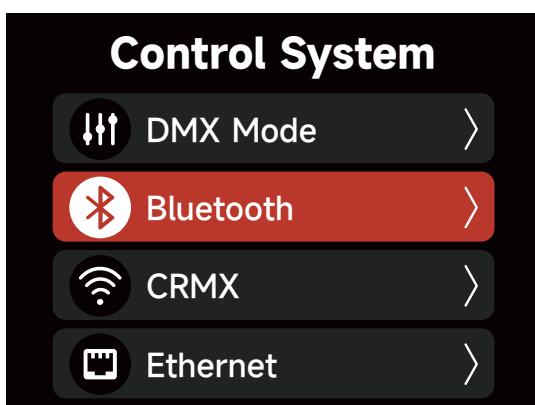
* The motorized F14 Fresnel and the Motorized Yoke are sold separately.

(7) DMX Termination:



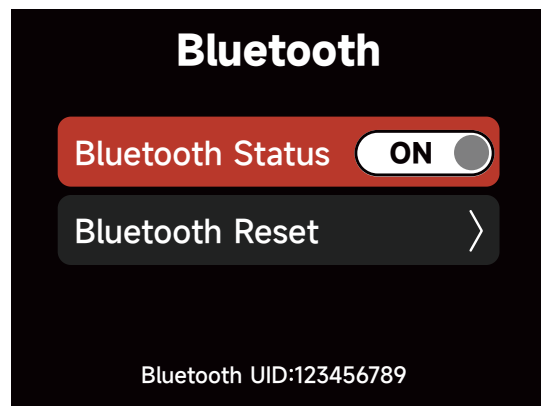
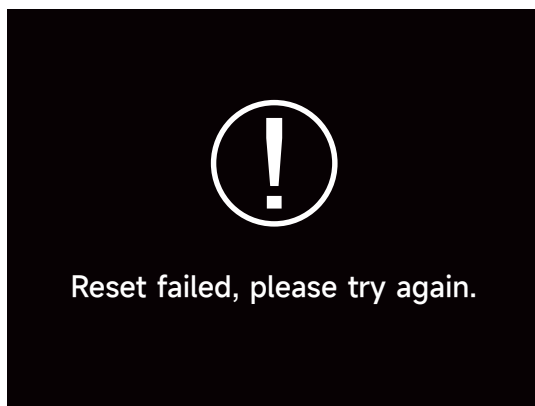
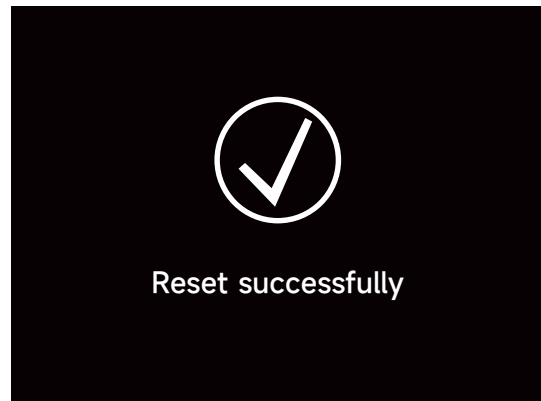
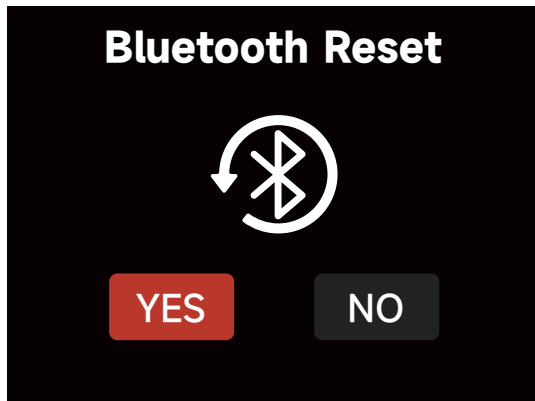
2.2.4.2 Sidus BT

(1) Enable/Disable Sidus Bluetooth. Sidus BT Reset. Sidus BT UID is displayed.



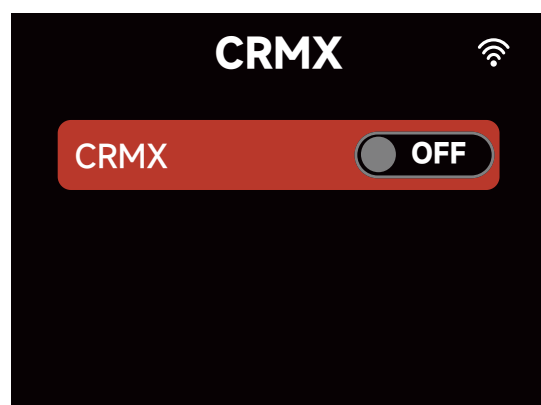
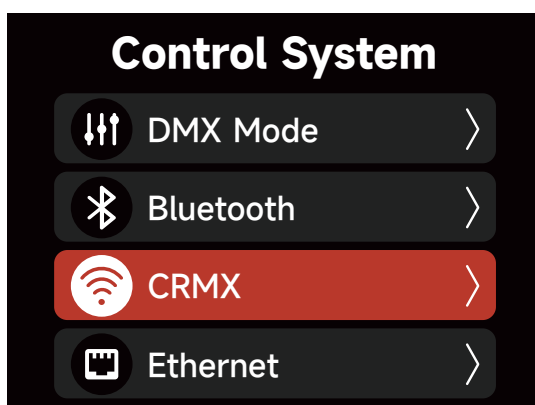
(2) Use Sidus BT Reset to allow your Sidus Link device to connect with a previously paired fixture.

If Sidus BT fails to reset, a "Reset Failed" warning will pop up before returning to the Sidus BT Reset display.

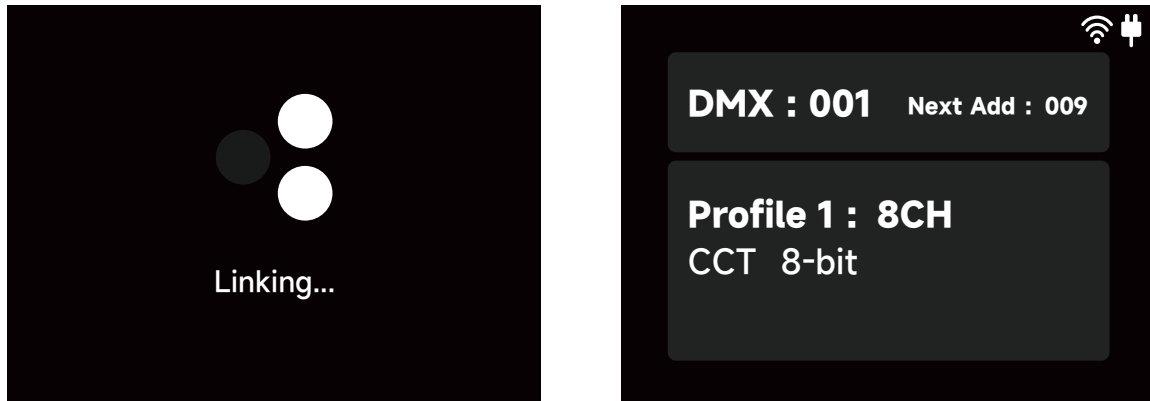


2.2.4.3 CRMX

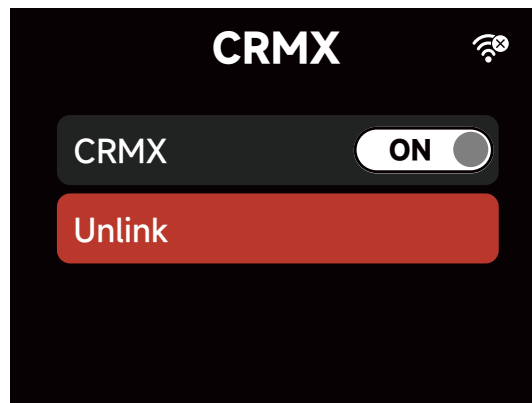
Users can press the Select knob to turn on/off CRMX.



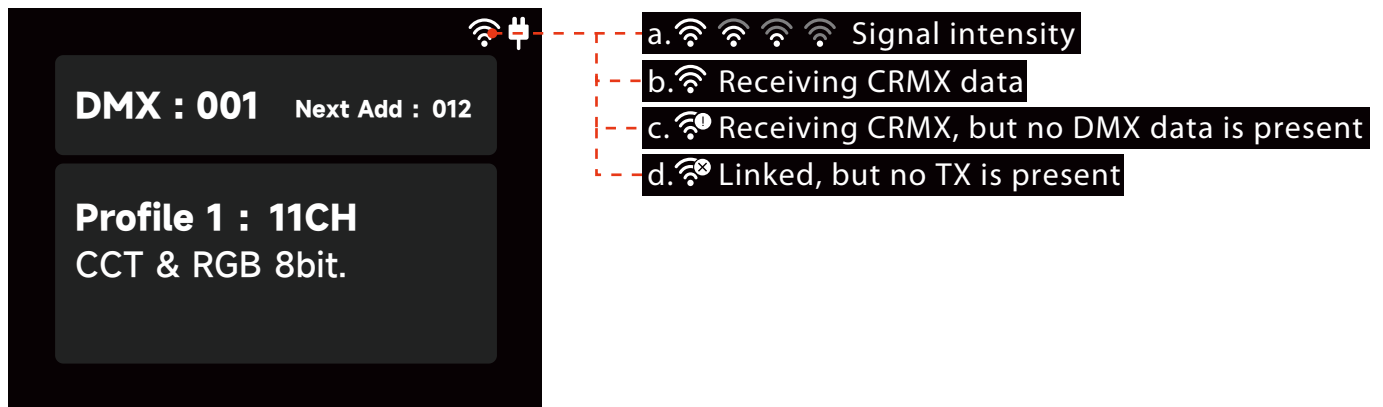
- (1) When CRMX is ON/Enabled, the fixture will listen for it's previously linked Transmitter. If the fixture is currently unlinked, it will listen for a Transmitter link signal and link to any new CRMX link signal.



- (2) Users can Unlink from previously linked Transmitters by selecting "Unlink".

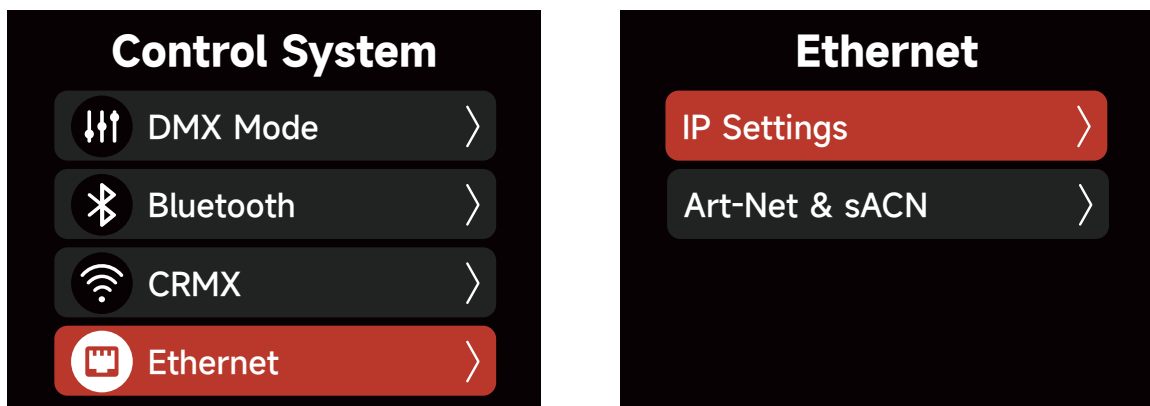


- (3) When the fixture is connected to a CRMX Transmitter, the Control Box will display the connection status and signal intensity of CRMX in the DMX status bar:
- a. Signal intensity: indicates the connection strength between the Control Box and the Transmitter. When the signal intensity is too low, please adjust the distance between the CRMX Transmitter and the Control Box to improve stability.
 - b. Normal status: good connection and data is present.
 - c. No data: The CRMX Transmitter is connected but no data is present.
 - d. No connection: Though the CRMX transmitter was connected before, the transmitter is out of range or is off.

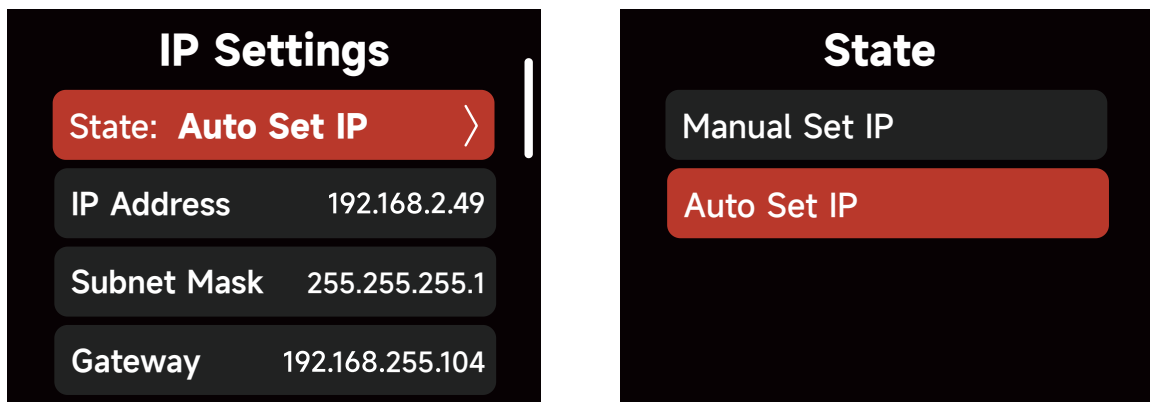


2.2.4.4 Ethernet

You can set IP and control protocol (Art-Net/sACN) here.



- (1) a. Auto Set IP: The fixture will automatically receive an IP address from the DHCP server. In Auto Set IP mode, you cannot edit the IP address, subnet mask and gateway.



b. Manual Set IP: Manually set the IP Address, Subnet Mask, and the Gateway IP Address.

IP Settings

State: **Manual Set IP** >

IP Address 192.168.2.49

Subnet Mask 255.255.255.1

Gateway 192.168.255.104

IP Settings

IP Address 192.168.2.49

Subnet Mask 255.255.255.1

Gateway 192.168.255.104

MAC Address: DC:EF:CA:75:D7:6C

(2) Art-Net & sACN: select which control protocol you are sending over ethernet.

Ethernet

IP Settings >

Art-Net & sACN >

a. Choose between the following:

- (a) Automatic: the Control Box will automatically identify the current Ethernet protocol
- (b) Art-Net Only: use the Art-Net protocol only; the fixture will not respond to the sACN protocol
- (c) sACN Only: use the sACN protocol only; the fixture will not respond to the Art-Net protocol
- (d) OFF: control protocols over ethernet are disabled.

Art-Net & sACN Settings

State: **Art-Net Only** >

Art-Net Universe: **32767** >

Net **127** Sub **15** Uni **15** >

sACN Universe: **32769** >

Art-Net/sACN State

Automatic

Art-Net Only

sACN Only

OFF

b. Art-Net Universe: set the Art-Net Universe

Art-Net & sACN Settings

State: **Art-Net Only** >

Art-Net Universe: **32767** >

Net **127** Sub **15** Uni **15** >

sACN Universe: **32769** >

Art-Net Universe

32767

c. Net Sub Uni: set the Art-Net Net, Sub-Net and Universe

Art-Net & sACN Settings

State: **Art-Net Only** >

Art-Net Universe: **32767** >

Net **127** Sub **15** Uni **15** >

sACN Universe: **32769** >

Art-Net Universe

127 **15** **15**

Net Sub-Net Universe

d. sACN Universe: set the DMX universe of sACN

Art-Net & sACN Settings

State: **Art-Net Only** >

Art-Net Universe: **32767** >

Net **127** Sub **15** Uni **15** >

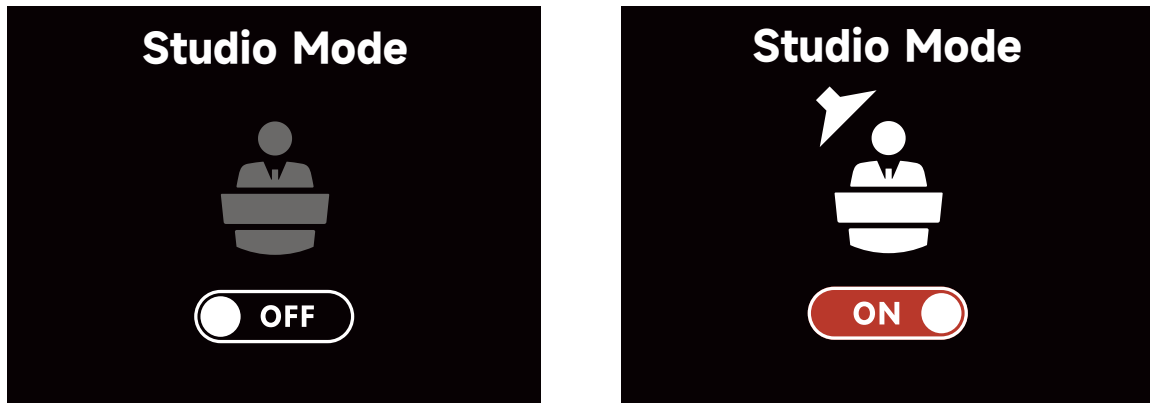
sACN Universe: **32769** >

sACN Universe

32769

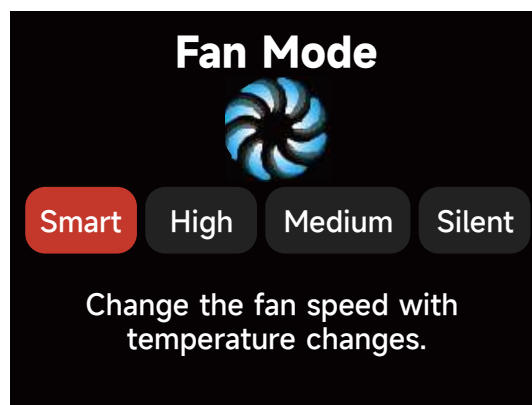
2.2.5 Studio Mode

Press Select to turn ON/OFF Studio Mode. When the studio mode is enabled (ON), the fixture will power on when connected to live power. When studio mode is disabled (OFF), press the power button to power on the fixture.



2.2.6 Fan Mode

Rotate the Select Knob to choose between Smart/High/Medium/Silent modes and press the knob to select. If the high-temperature symbol appears in the Control Box display, please change the fan mode to "Smart" or "High" as instructed below. If the internal temperature of the fixture reaches the temperature threshold, the fixture will power off due to over-temperature protection.



Smart: able to work in -20°C through 45°C environment, the lamp will automatically adjust the fan speed according to different ambient temperatures.

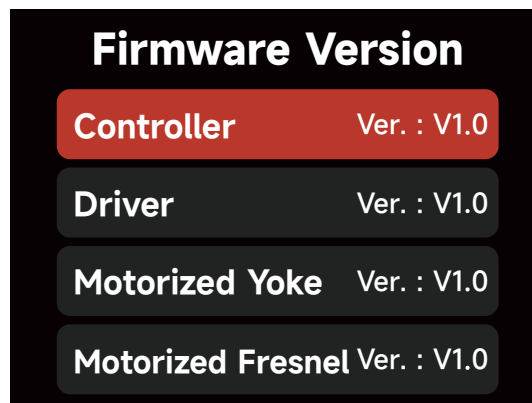
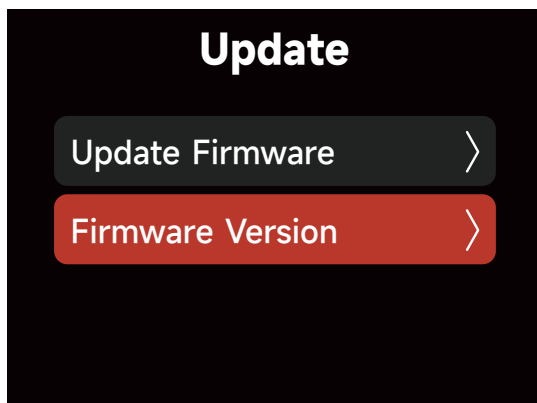
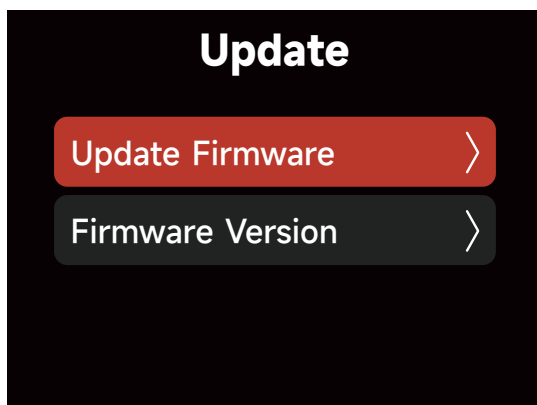
High : able to work in -20°C through 45°C environment, fan will maintain its highest speed. In High-Speed Mode, the fan uses the High Fan setting.

Medium: Capable of working in -20°C through 35°C environments, the fan uses a medium speed.

Silent: able to work in -20°C through 45°C environment, the maximum output power of the fixture will be limited to 550w. In this mode, the fan produces the least amount of noise.

2.2.7 Firmware Update

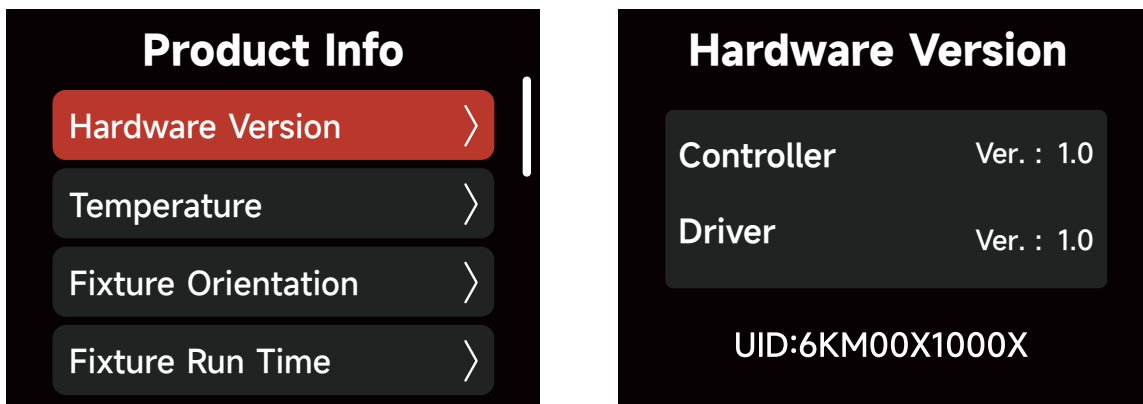
You can upgrade the firmware by inserting a USB flash drive with the latest firmware into the USB port of the control box .The current firmware version is also listed in this interface. NOTE: The fixture can also be updated via Sidus Link with Sidus BT turned ON and a Wi-Fi internet connection on your Sidus Link device.



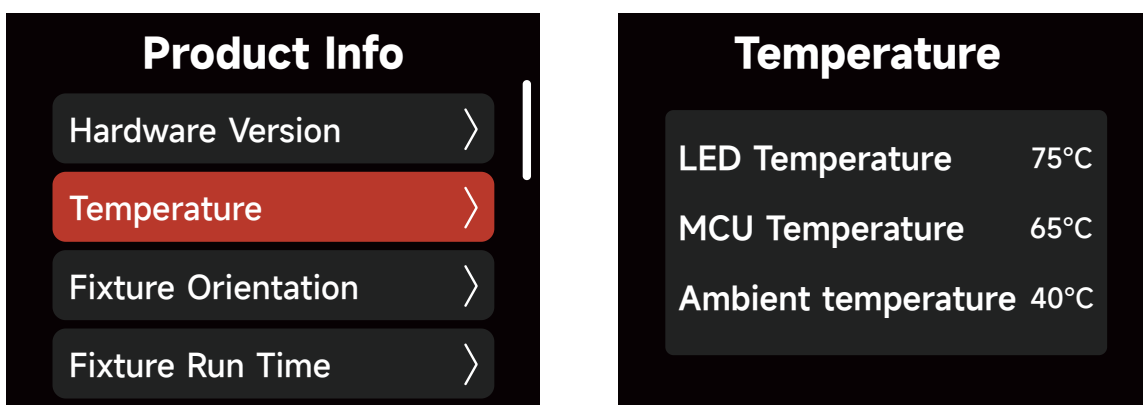
2.2.8 Product Info

The Hardware Version, lamp temperature, Fixture Orientation (when utilizing the Motorized Yoke), and the Fixture Run Time (LED Engine Hours) can all be checked in the Product Info interface.

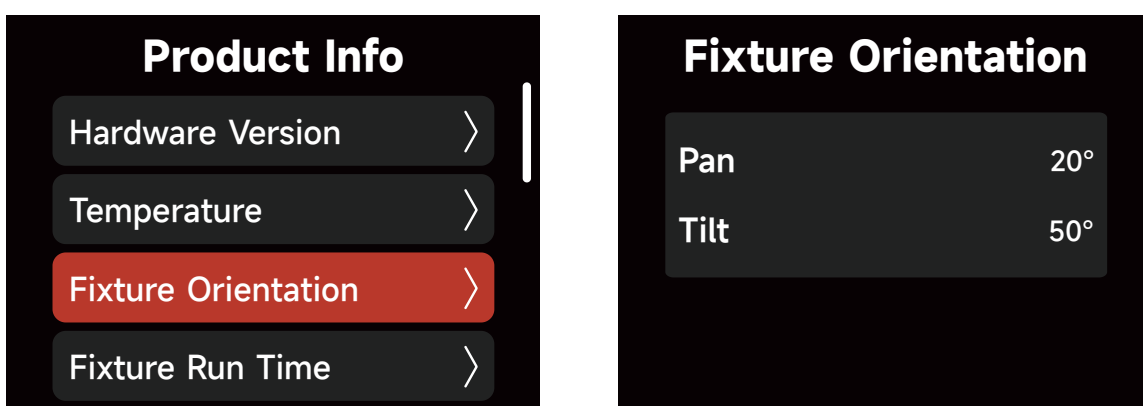
(1) Hardware Version: display the hardware versions of the Driver and Controller



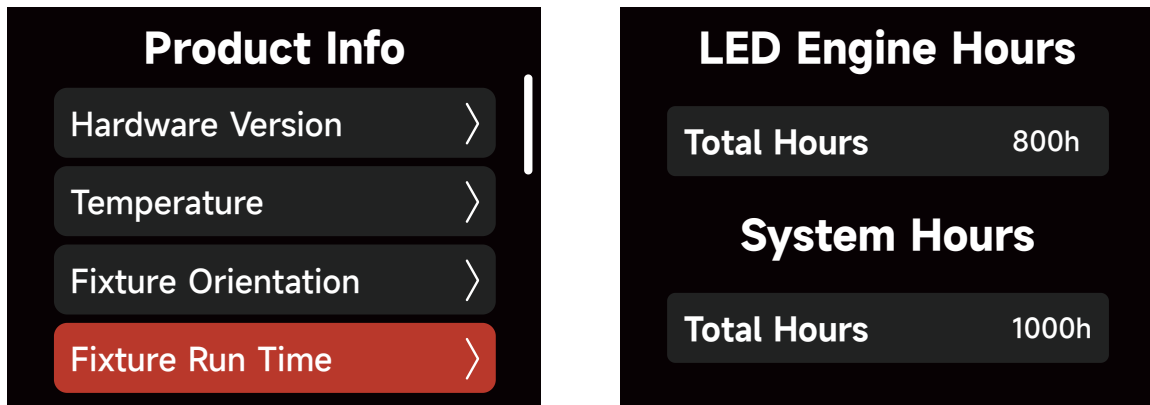
(2) Temperature: Display the LED Temperature, MCU Temperature, and Ambient Temperature



(3) Fixture Orientation: Pan and Tilt



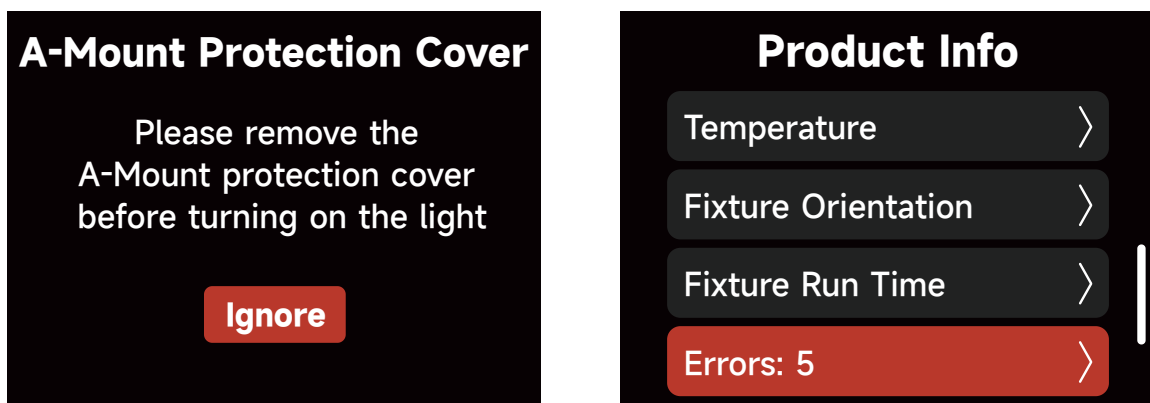
(4) Fixture Run Time: total LED engine hours and total system hours



(5) Failure information: If the fixture fails, a pop-up window will appear to indicate an error.

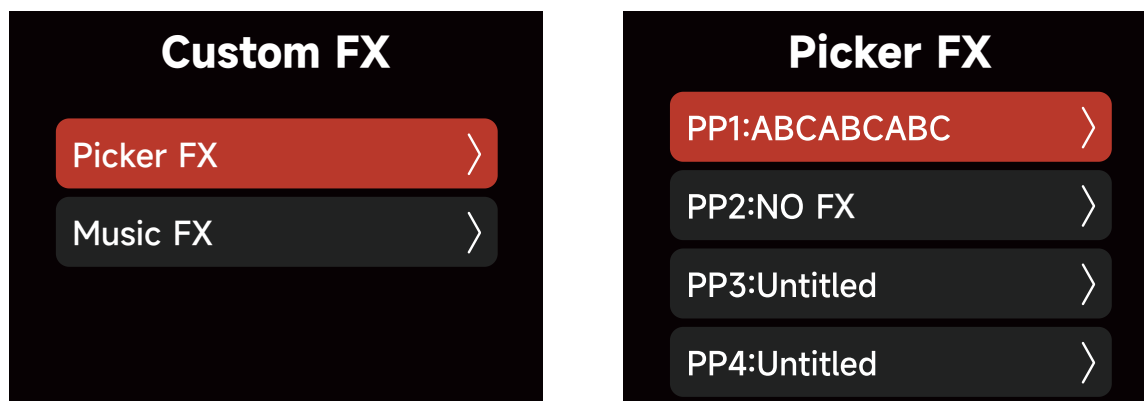
Errors can be divided into two categories:

- a. Serious error: When a serious error occurs, the fixture cannot be used and will be locked for protection. Please respond to the error according to the fault prompt;
- b. General error: When a general error occurs, the fixture is still available and you can choose to ignore the error; then, you can enter the Product Info interface to view the error information.



2.2.9 Custom FX

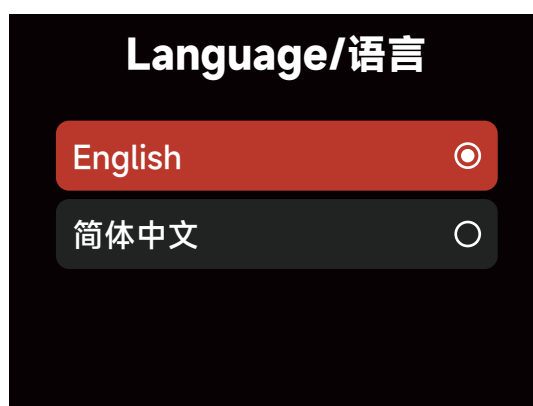
10 custom FXs can be saved for each type of FX. The suffix “NO FX” shows no FX is saved and the suffix “Untitled” shows the FX is saved.



* You can download custom FX by connecting the Sidus Link APP.

2.2.10 Language

Select English or Chinese and press Select for confirmation.



2.2.11 Factory Reset

Select "YES" if you wish to Factory Reset the fixture. Select "NO" to cancel.

You may also long press the Menu button for 3 seconds for a quick Factory Reset shortcut.

Factory Settings:

Light Mode: CCT

Intensity: 50%

CCT: 5600K

Language: English

Fan Mode: Smart

Dimming Curve: Linear

Studio Mode: OFF

Control System: Bluetooth enabled, CRMX disabled

DMX: Channel 001

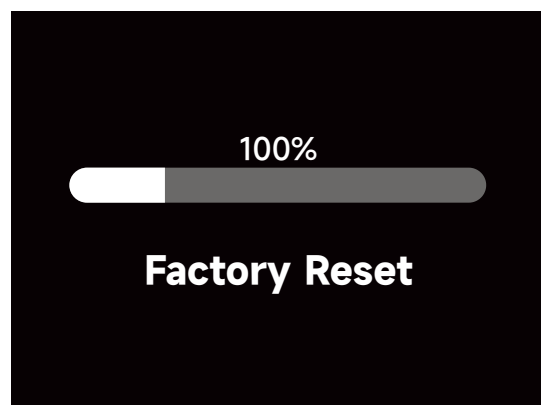
DMX Loss Behavior: Hold Last Settings

DMX Termination: Off

Sidus BT: ON

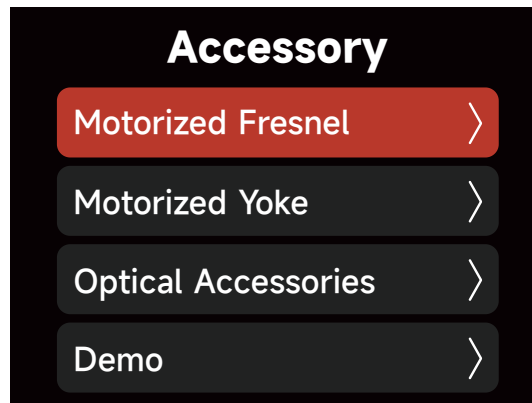
CRMX: OFF

CRMX: Unlinked

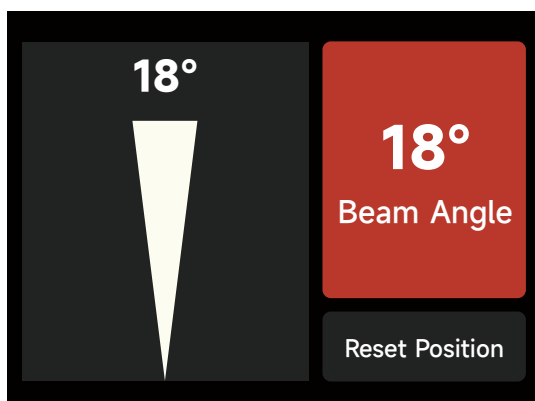
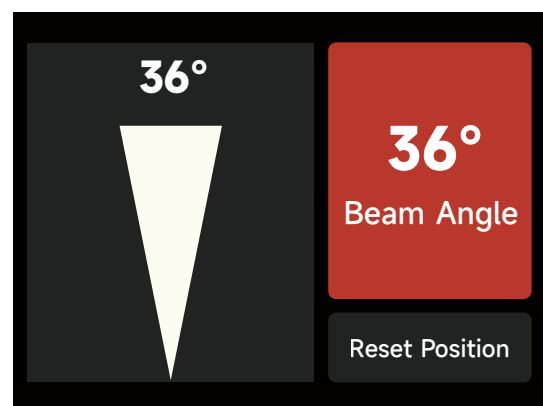
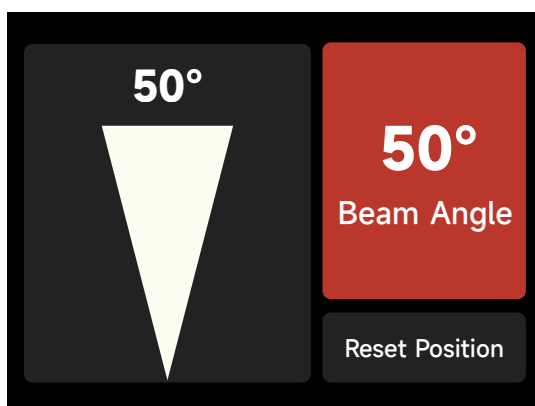


2.2.12 Accessory Control

A Motorized Fresnel, Motorized Yoke, and other Aputure-Mount Accessories can be purchased separately. In the Accessory interface, information about the accessories can be found and settings for the accessories can be adjusted.

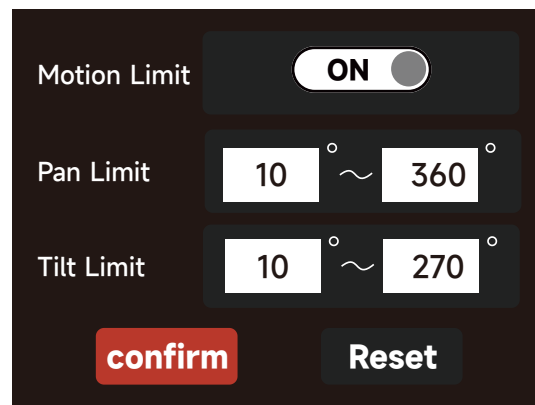
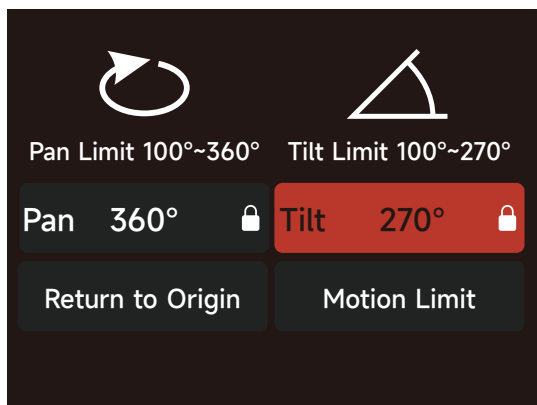


(1) Motorized Fresnel: When the fixture is equipped with the Motorized F14 Fresnel, you can enter this interface to manually adjust the beam angle.



(2) Motorized Yoke: When the fixture is utilizing a Motorized Yoke, the following options are available in the Accessory Motorized Yoke interface:

- a. When also utilizing an Aputure-Mount Accessory, the Motorized Yoke interface will auto-populate motion limitations (pan and tilt) imposed by the Aputure-Mount Accessory.

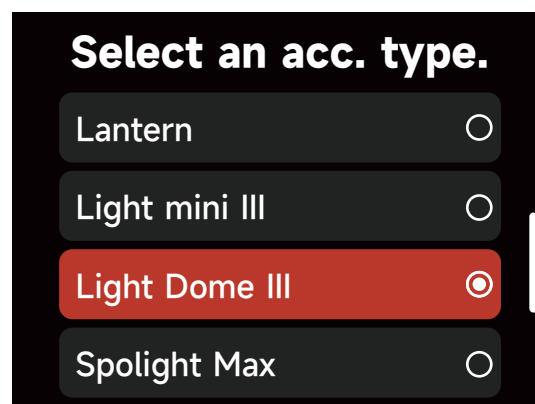
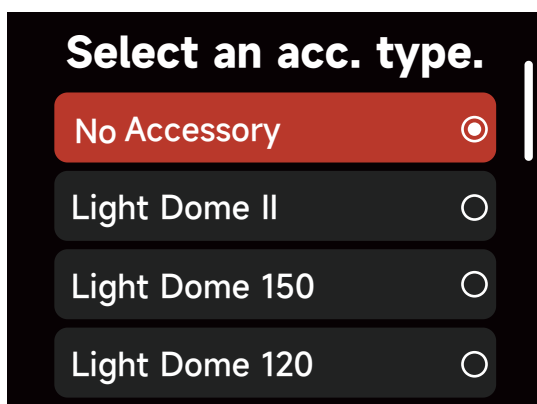


Reset Position: Resets the Motorized Yoke to its home position;Reset Position will also calibrate the motorized yoke.

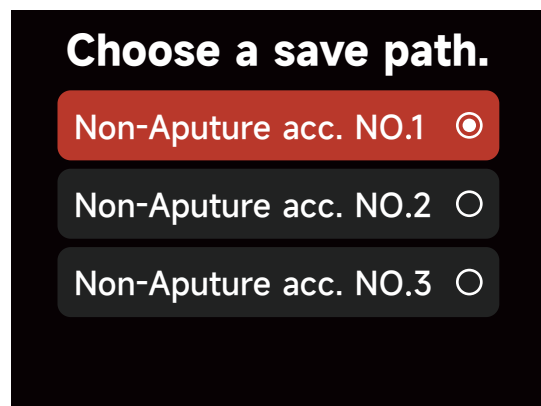
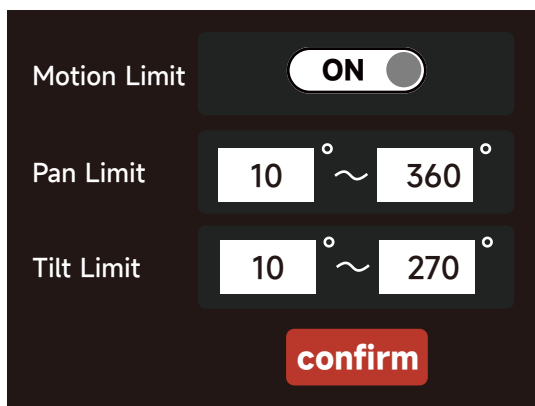
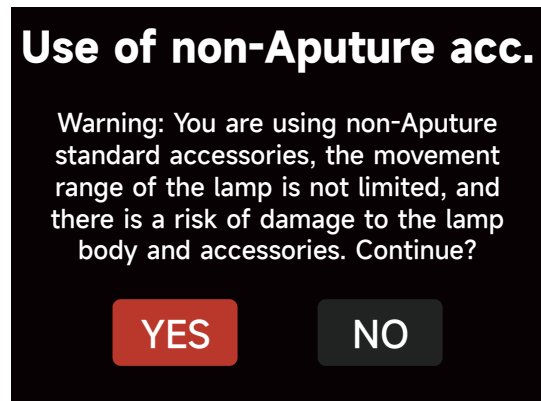
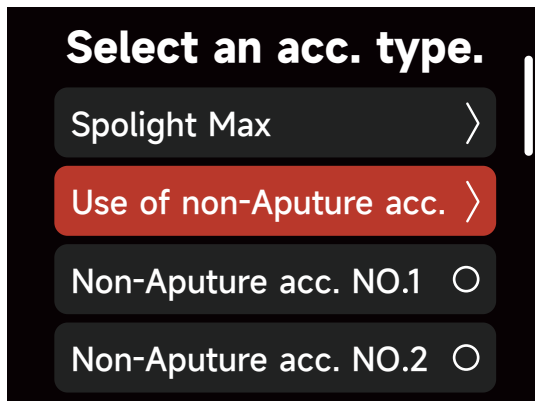
Motion Limit: Due to differing size and space limitations of your scenario, stricter pan and tilt limitations may be required. Edit and reset motion limits in this interface. Caution is recommended when adjusting and resetting limits.

- b. When using an accessory that does not utilize the Aputure Mount system, the user can manually select the Accessory from the provided list to populate the motion limitations of the Motorized Yoke.

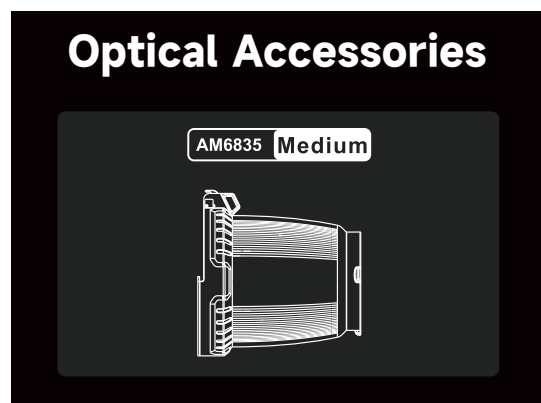
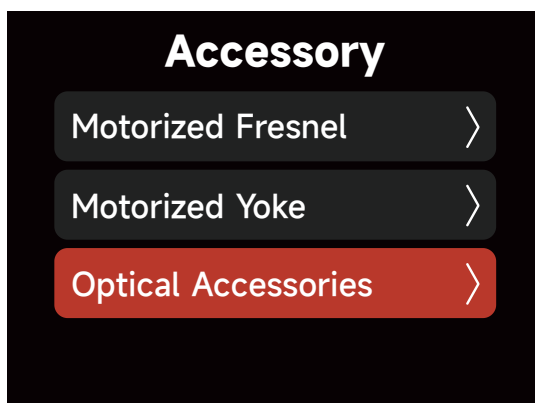
(a) Aputure Bowens mount accessories:



(b) Third-party Bowens mount accessories: When third-party accessories are adopted, you need to configure and manually input the motion limit independently; you may save the accessory after configuration for its application in the future.



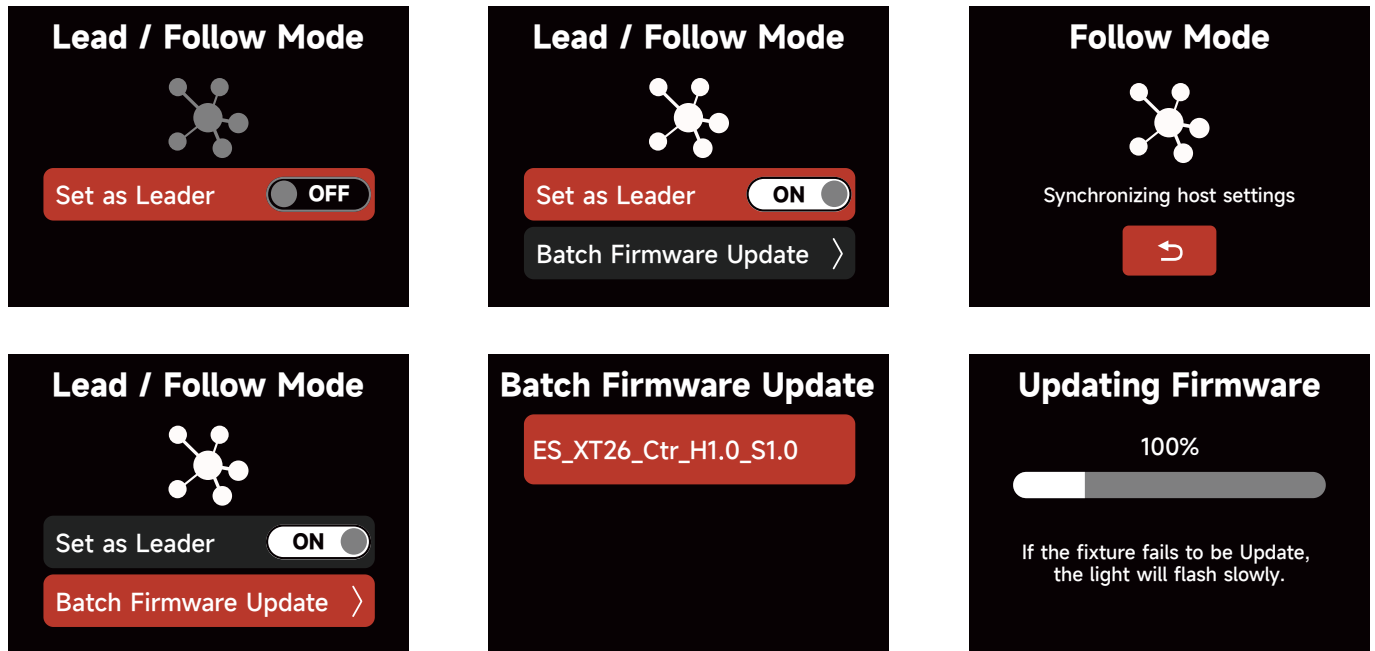
(3) Optical Accessories: When utilizing an Optical Aputure-Mount Accessory, the type of accessory can be viewed in the "Optical Accessories" window. The following accessories are available: narrow-angle standard reflector, medium-angle standard reflector, wide-angle standard reflector and barn door adapter



* Narrow Angle Standard Reflector and Wide Angle Standard Reflector sold separately.

2.2.13 Lead/Follow Mode

In this interface, you can set your fixtures as either the Leader or the Follower (Leader/"OFF"). The Leader automatically sends its settings to the Follower fixtures for synchronization. Batch upgrades of the firmware from a USB drive in the Leader's port is also possible.

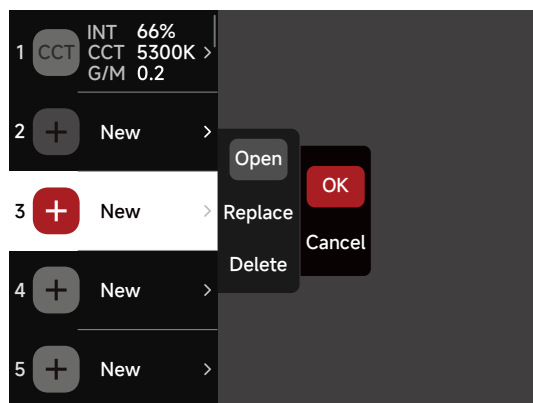


- * The leader fixture should be connected with the followers via DMX to enable this function
- * The USB flash disk containing the up-to-date firmware should be inserted into the Leader fixture to enable batch update

2.3 Presets

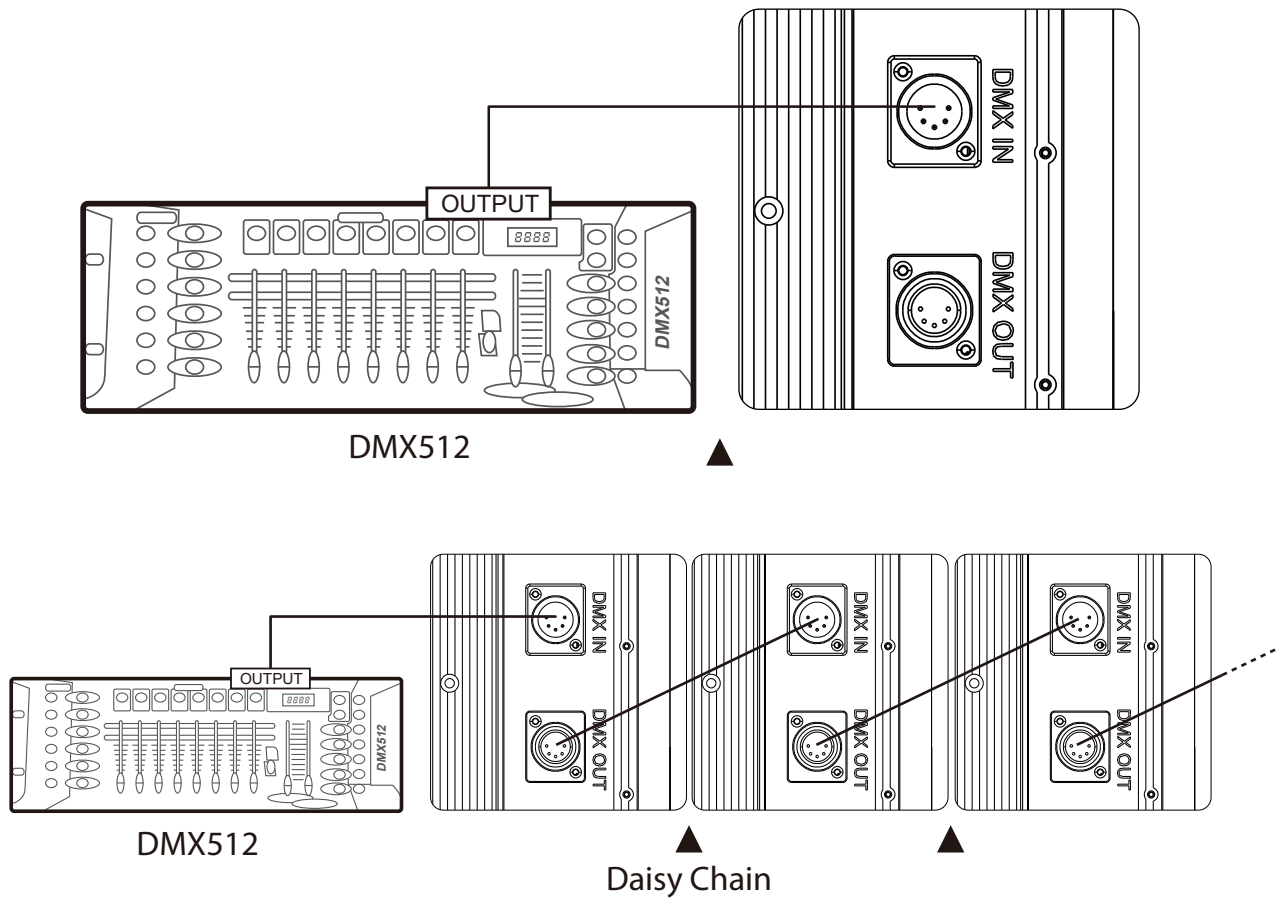
10 Light Mode Presets can be saved.

Choose your settings within the CCT, Adv. HSI, RGB, XY, Source or Gel light modes. Then press the PRESET button to open the Preset interface. Select the Preset number to open, replace or delete the Preset.



3. Control with DMX Console

3.1 Connect the Lighting Console to the Control Box DMX IN Port



4. DMX Control Operation

Electro Storm XT26 supports several DMX profiles. Please download the DMX channel table on the official website (<https://aputure.cn>) to view detailed configurations.

5. Downloading the Sidus Link APP

You may search Sidus Link in the APP Store or Android market to download the professional control software to control compatible Aputure fixtures. Please access: sidus.link/app/help for detailed instructions



Get Sidus Link[®] App



[Sidus.link/app/help](https://sidus.link/app/help)

Product Specifications

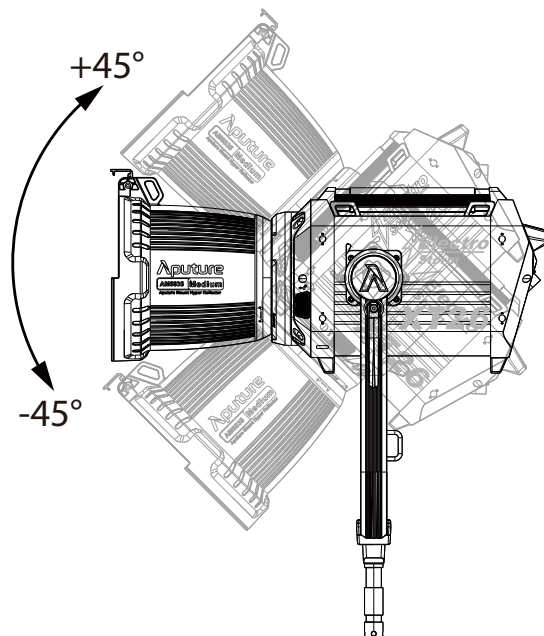
Input power (Max)	3500W	Output power (Max)	2600W
Operating voltage	100 –240 VAC	Operating current	36-14A
CRI	96.5+	TLCI	97+
SSI(D56)	73	SSI(D32)	84
CQS(5600K)	94	CQS(3200K)	96
Color temperature	2700 K – 6500 K	Protection grade	IP65
DC interface 1	48V/33.5A	DC interface 2	48V/33.5A
Cooling method	Liquid cooling, fan	Operating temperature	-20°C - 45°C
Control distance of Bluetooth	≤ 100 m	Control distance of CRMX	≤ 100 m

Size (length X width X height)	Lamp without yoke	457*352*281mm
	Lamp with yoke	457*497*684mm
	Control Box	283.5*262*550mm
	XT26 Yoke	591*88*497mm
	Medium-angle standard reflector	306*266*252mm
	Barn doors	282*303*40mm
	Barn doors adapter	303*263*87mm
	AC power cord	6m
	Head cable	15m
	Aputure Mount protection cover	165*165*34mm
	Control Box Dolly	439*470*1054mm(unfolded) 200*470*703mm(folded)

Weight	Lamp (without yoke)	15.2kg
	Control Box	21kg
	XT26 Yoke	3.2kg
	Medium-angle standard reflector	1.55kg
	Barn doors	1.6kg
	Barn doors adapter	0.6kg
	AC power cord	0.84kg~1.93kg (may differ due to different specifications)
	Head cable	5.7kg
	Aputure Mount protection cover	0.2kg
	Control Box Dolly	7.22kg

* Lamp failure due to water ingress voids the user warranty.

* If Electro Storm XT26 is used under heavy rain, the use angle of the lamp recommended is shown in the following figure:



Photometric Data

Distance of 2M	Normal mode (HyperSync)								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	13070	42500	83300	/	5520	12130	23370	103500	24840
3200K	15880	51400	100700	/	6650	14430	28190	124300	29800
4300K	19030	62100	121600	/	7980	17590	33500	150800	36300
5600K	21150	68900	135200	/	8890	19560	37400	167800	40600
6500K	19530	63600	125000	/	8200	18130	34700	155400	37800

Distance of 2M	High-speed photography mode								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	13080	42800	83700	/	5530	12100	23200	102900	25600
3200K	16520	54000	105600	/	6980	15260	29120	130500	31800
4300K	22060	72000	140900	/	9260	20360	38700	174000	42500
5600K	23430	76500	149800	/	9820	21610	41100	184900	45500
6500K	20150	65800	128700	/	8440	18630	35400	159400	39300

Distance of 3M	Normal mode (HyperSync)								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	6210	18720	36300	107300	2630	5820	11420	52100	12520
3200K	7460	22350	44100	129800	3150	7050	13320	62900	15130
4300K	8960	27380	52800	156300	3730	8460	16470	75900	18280
5600K	10040	30500	58600	173900	4210	9380	18270	84400	20460
6500K	9130	28100	54300	159800	3870	8520	16960	78000	18950

Distance of 3M	High-speed photography mode								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	6360	18730	36300	107800	2629	5840	11330	52600	12620
3200K	8010	23780	46000	136100	3330	7380	14400	66100	15680
4300K	10670	31700	61400	181700	4440	9830	19130	88200	20980
5600K	11320	33600	65200	193100	4700	10450	20310	93700	22440
6500K	9740	29000	56000	165900	4030	9010	17500	80500	19420

Distance of 5M	Normal mode (HyperSync)								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	2552	7070	12720	36200	1030	2178	4150	20450	5080
3200K	3080	8360	15360	43600	1238	2632	5010	24720	6160
4300K	3710	10260	18390	52600	1489	3150	5980	29630	7440
5600K	4110	11170	20530	58000	1644	3500	6670	33000	8330
6500K	3770	10500	19080	54000	1511	3220	6040	30500	7720

Distance of 5M	High-speed photography mode								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	2560	6990	12690	35900	1029	2171	4190	20600	5210
3200K	3230	8850	16040	45600	1299	2742	5220	25910	6510
4300K	4310	11820	21380	61000	1723	3650	6930	34600	8690
5600K	4580	12540	22700	64700	1818	3880	7370	36800	9300
6500K	3930	10790	19530	55600	1563	3340	6350	31700	8030

Distance of 7M	Normal mode (HyperSync)								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	822	3360	6210	17930	467	1152	2157	10660	2750
3200K	1086	4050	7530	21630	556	1399	2610	12900	3340
4300K	1456	4880	9050	26040	680	1675	3120	15480	4020
5600K	1770	5460	10020	29320	756	1885	3460	17250	4500
6500K	1715	5060	9270	27010	700	1767	3200	15960	4180

Distance of 7M	High-speed photography mode								
	Bare lamp	Reflector at 50°	Reflector at 35°	Reflector at 20°	spot 50°	spot 36°	spot 19°	Fresnel at 18°	Fresnel at 50°
2700K	1156	3350	6210	18040	466	1165	2155	10730	2810
3200K	1464	4230	7840	22750	586	1468	2700	13510	3480
4300K	1958	5650	10490	30400	781	1950	3600	18040	4660
5600K	2086	5990	11240	32300	830	2070	3860	19150	4990
6500K	1801	5150	9690	27800	835	1795	3340	16500	4310

* The brightness data are average values and the brightness of different lamps may vary slightly.

Safety Instructions

When using this product, basic safety precautions should always be followed, including:

1. Read and understand all instructions before using the fixture.
2. Close supervision is necessary when any fixture is used by or near children. Do not leave the fixture unattended while in use.
3. Care must be taken as burns can occur from touching hot surfaces.
4. Do not operate the fixture if any cord is damaged, or if the fixture has been dropped or damaged, until it has been examined by qualified service personnel.
5. Position any power cables such that they will not be tripped over, pulled, or put into contact with hot surfaces.
6. If an extension cord is necessary, a cord with an amperage rating at least equal to that required by the fixture should be used. Cords rated for less amperage will overheat.
7. Always unplug the lighting fixture from the electrical outlet before cleaning and servicing, or when not in use. Never yank the cord to remove the plug from the outlet.
8. Let the lighting fixture cool completely before storing. Unplug the cables from the lighting fixture and store them in assigned spaces of the carrying case (if being used).
9. Do not immerse this fixture in water or any other liquid to avoid electric shock.
10. Do not disassemble the fixture to avoid the risk of fire or electric shock. Contact cs@aputure.com or take the lighting fixture to qualified service personnel when service or repair is required. Incorrect reassembly may cause electric shock when the lighting fixture is in use.
11. Using any accessory attachment not recommended by the manufacturer may increase the risk of fire, electric shock or injury to any persons operating the fixture.
12. Power this fixture by connecting it to a grounded outlet.
13. Remove the Protective Cover before use.
14. Do not block the ventilation openings or look at the LED light source directly when it is powered on.
Do not touch the LED light source in any condition.
15. Do not place the product near combustible and volatile solvents to avoid product damage.
16. Use a soft and dry cloth to clean the device.
17. Ensure all the ports and plugs are completely dry when using the fixture in wet environments to avoid short circuit or electric shock.



18. Service and maintenance should only be carried out by authorized service personnel. Any malfunctions caused by unauthorized disassembly are not covered by the warranty. The user may pay for service and maintenance.
19. When hanging the fixture overhead, always ensure an extra safety measure has been attached -such as safety chains- that is certified for the weight of the fixture. We recommend only using the original Aputure cable accessories. Please note that any malfunctions caused by using unauthorized accessories are not covered by the warranty. The user may pay for service and maintenance. When hanging the fixture overhead, always ensure an extra safety measure has been attached -such as safety chains- that is certified for the weight of the fixture.
20. This product is certified by RoHS, CE, KC, PSE, and FCC. Please operate the product in full compliance with relevant country's standards. Any malfunctions caused by incorrect use are not covered by the warranty. The user may pay for service and maintenance.
21. The User's Manual was formulated based on rigorous tests performed by the Company. No further notice will be given in the event of any change in its design and specifications.

FCC Declaration of Conformity

WARNING

Changes or modifications to this product that are not expressly approved by the manufacturer are prohibited and voids the user warranty.

ATTENTION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Plug the device into the socket of a different circuit than the socket that the receiver is plugged into.
- Consult the dealer or experienced radio/TV technician for assistance.

RF Statement

This device has been evaluated to meet general RF exposure requirements.

Disclaimer

Please read the Product Manual before usage to ensure that you have fully understood the instructions and can correctly operate the device. After your reading, please keep the Product Manual properly for reference in the future. If you fail to operate the product correctly, you may get injured seriously or harm others seriously, or damage the product and result in your property damage. Your operation of the product will be deemed that you have understood, recognized and accepted all clauses and content of this document. Users undertake to be responsible for their behaviors and the consequences accordingly. Aputure will not be responsible for all losses arising from users' operation of this product not in accordance with the User's Manual.

The Company reserves the right for the final explanation of this document and all documents relating to the product on the premise of compliance with laws and regulations. No further notice will be given in the event of any update, revision or termination. Please access the official website of Aputure for the up-to-date product information.