

STORM 400x

User Manual

ENGLISH

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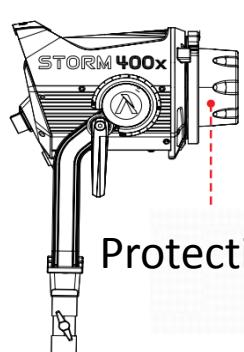
Disclaimer

Introduction

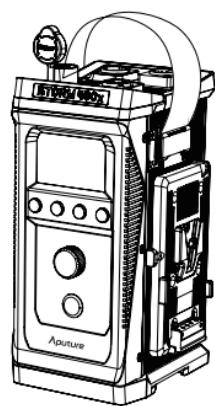
Thank you for purchasing the Aputure® "STORM" series tunable white STORM 400x. STORM 400x adopts BLAIR point light source with adjustable color temperature (1800-10000K). It supports CCT (with $\pm G$ adjustment) and xy control, HSIC+. Professional control protocols are supported, such as DMX512-A, Lumen Radio CRMX, RDM, as well as Sidus BT from Aputure. With an IP65 rating and standard Bowens Mount and CF7 Fresnel and Spotlight Mount II compatibility, the STORM 400x is a powerful, professional lighting solution with industry standard controls unlocking unprecedented creative freedom.

Components List

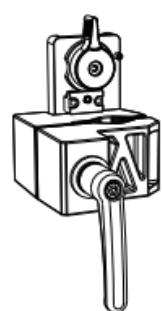
Please make sure all accessories listed below are completed before using. If not, please contact with your sellers immediately.



Protection Cover



STORM 400x Control Box × 1



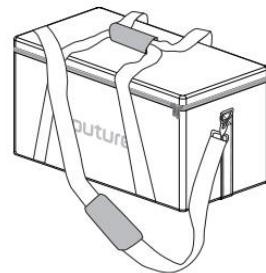
Lightning Clamp × 1



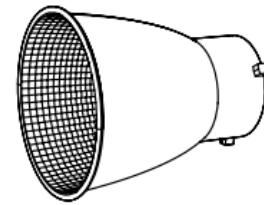
3m 5-pin Head Cable × 1



AC Cable 6m × 1



Carrying bag × 1

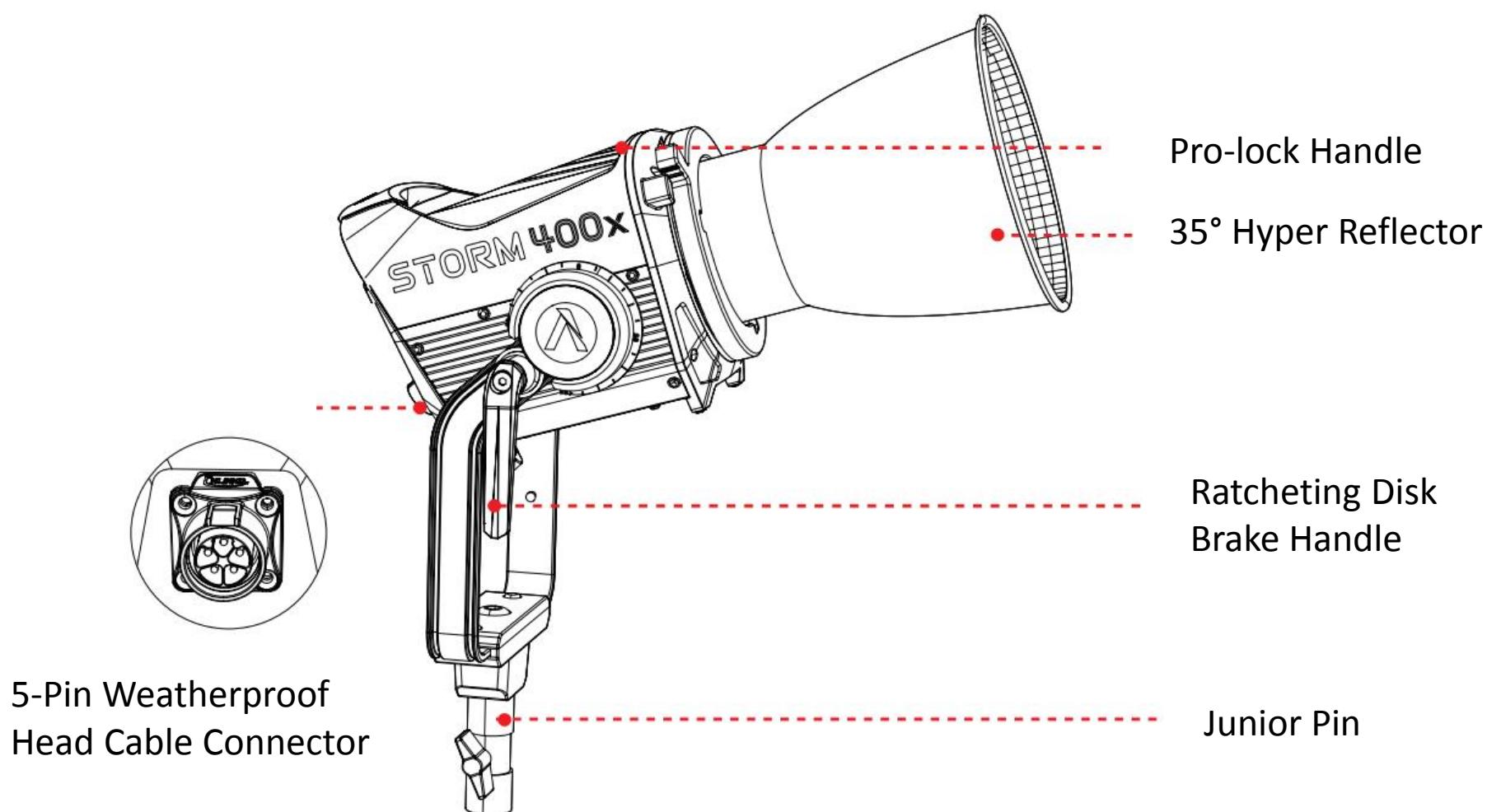


35° Reflector × 1

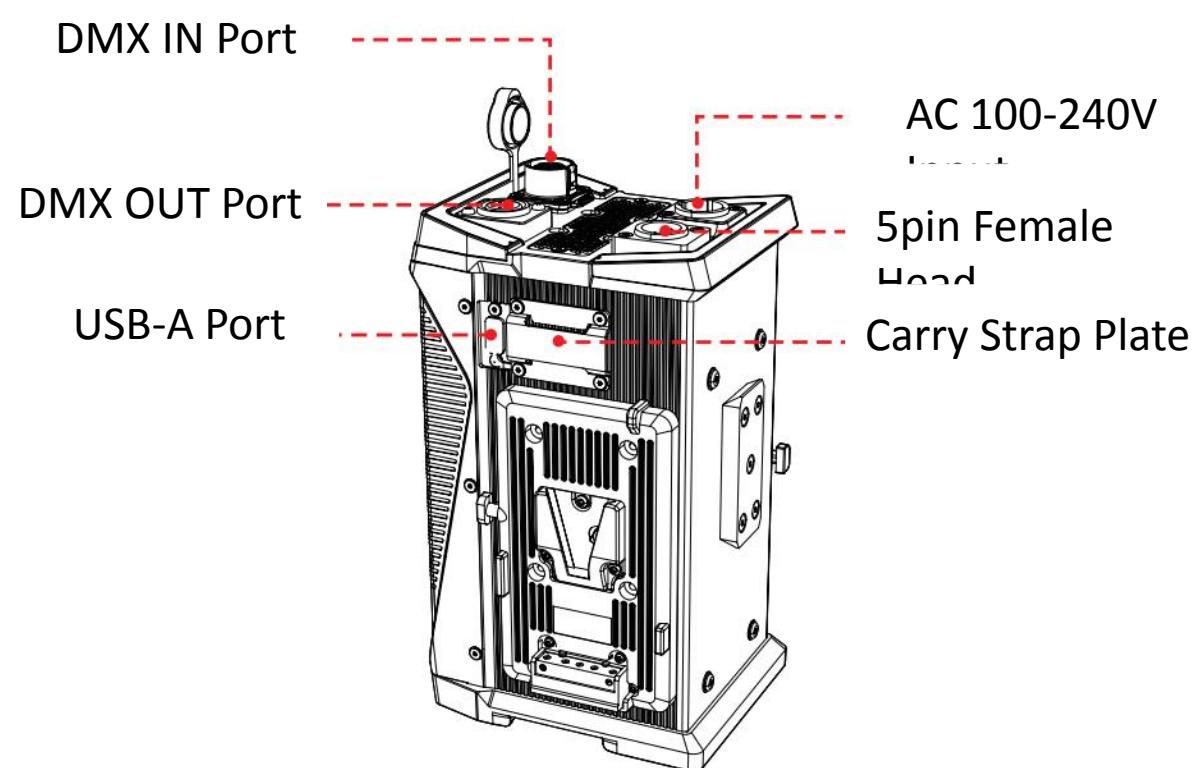
* Tips: The illustrations in the manual are only diagrams for reference. Due to the continuous development of new versions of the product, if there are any differences between the product and the user manual diagrams, please refer to the product itself.

Product Review

1. Lamp Head



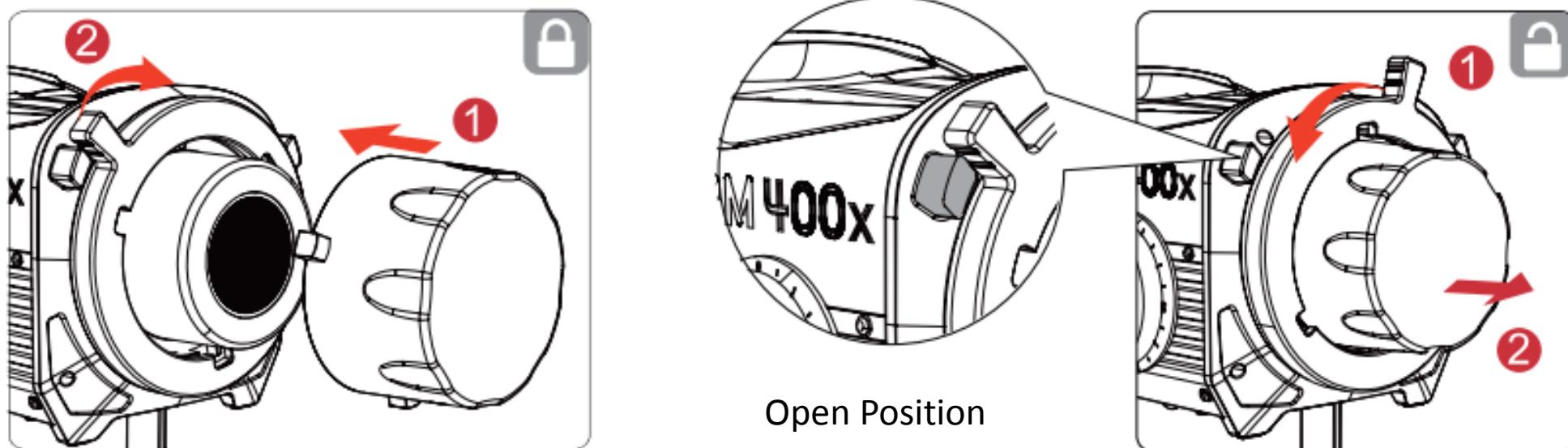
2. Control Box



Setup

1. Attaching/Detaching the Protection Cover

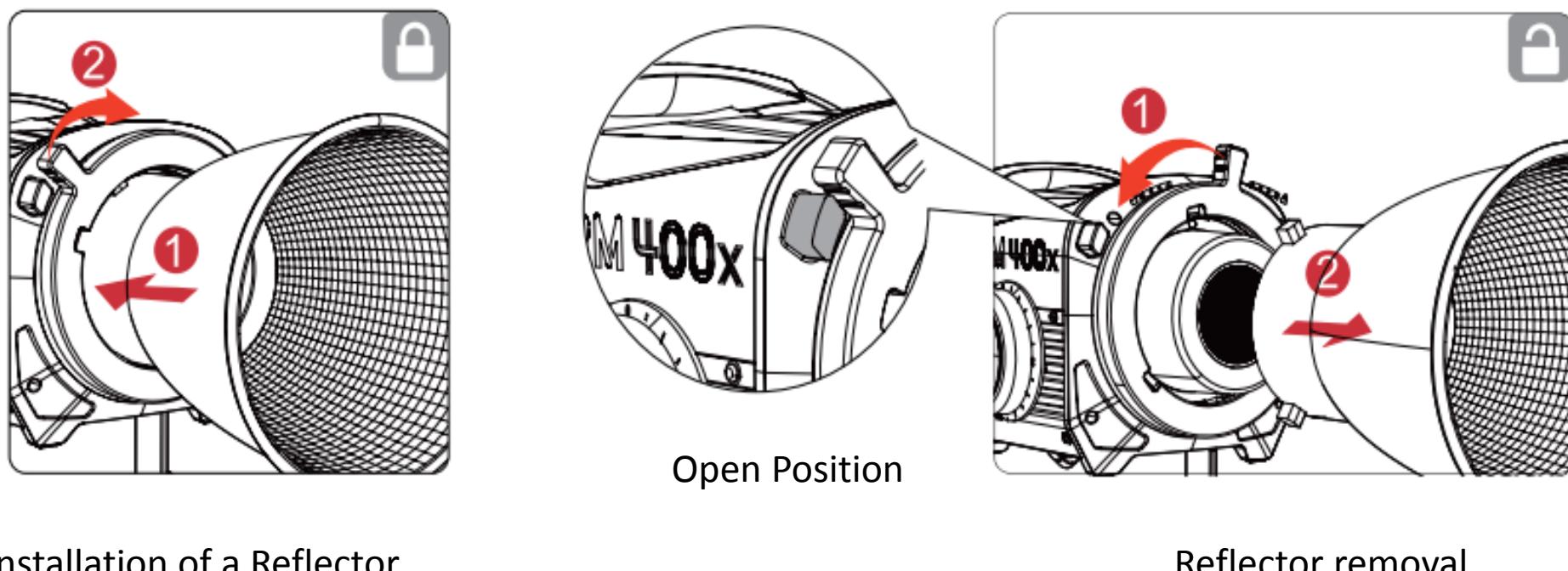
To detach the cover, rotate the Pro-Lock Handle to the open position and remove it. To reattach the cover, insert it into place and rotate the Pro-Lock Handle clockwise until locked.



* Before use, please make sure to remove the protective cover. During transportation and storage, please attach the protective cover

2. Attaching/Detaching the Reflector

To attach the Reflector, insert it into the Bowen Bayonet Mount and rotate the Pro-Lock Handle clockwise until locked. To detach the Reflector, rotate the Pro-Lock Handle to the open position and remove it.

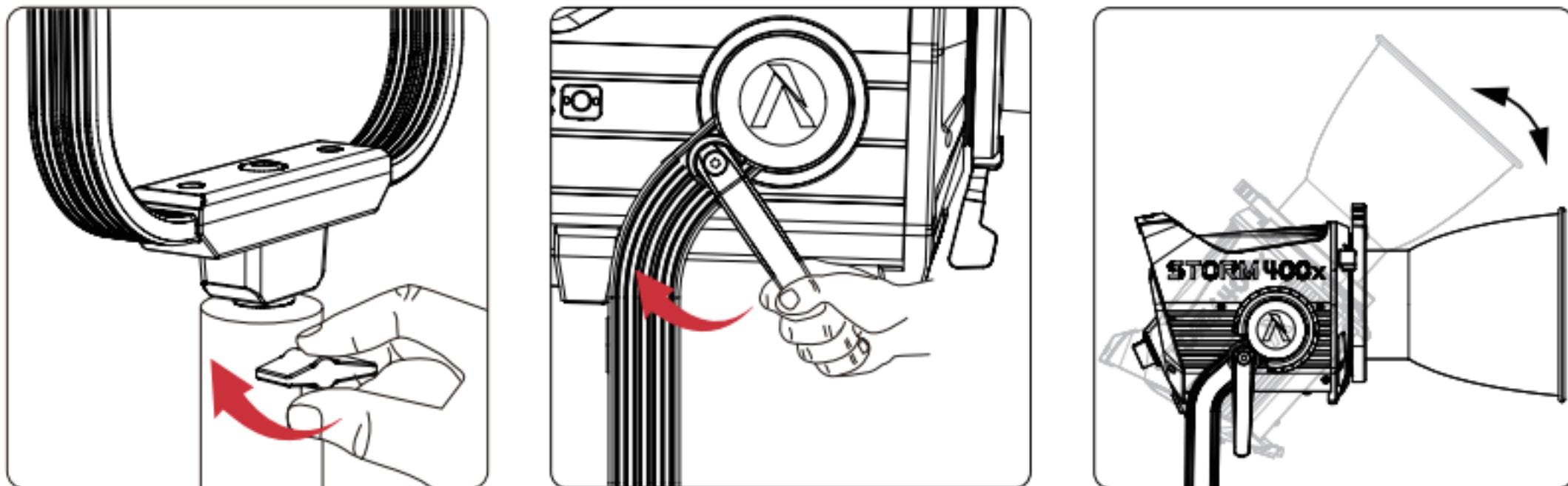


Installation of a Reflector

Reflector removal

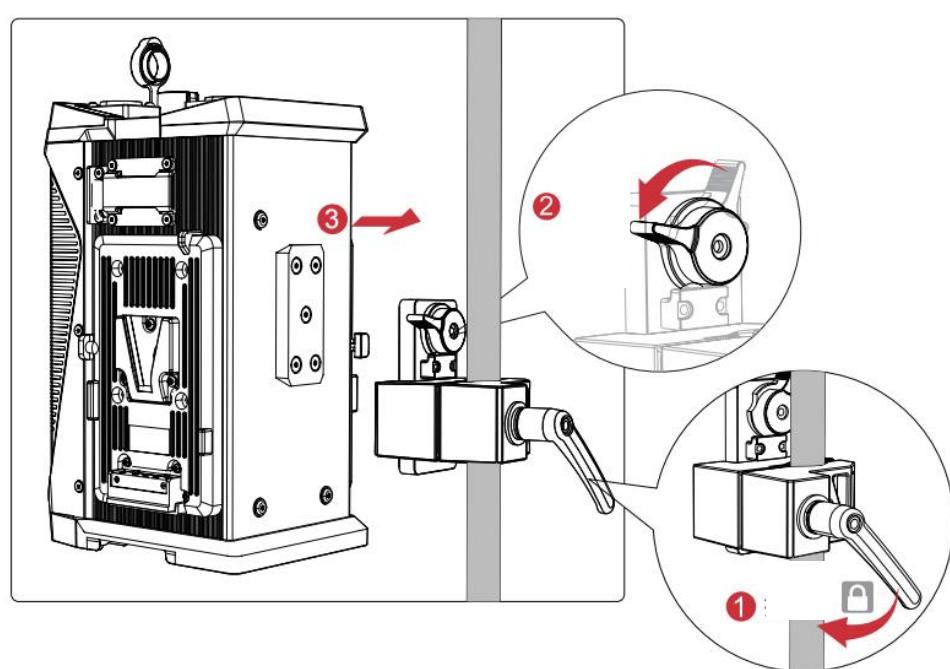
3. Setting Up the Lamp Head

Mount the Lamp Head into a Junior Receiver and tighten in place. Loosen or tighten the disc brake handle on the yoke to adjust the fixture's angle of tilt

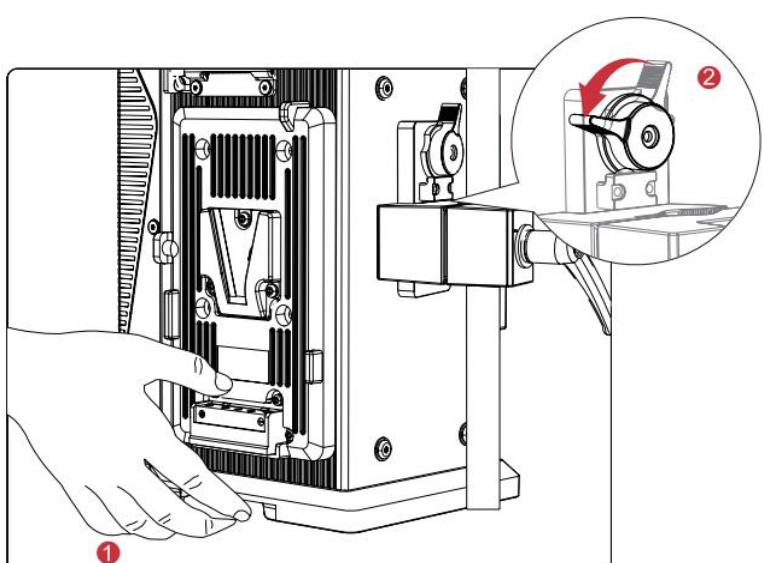


4. Using the Lightning Clamp

- 1) Attach the Lightning Clamp onto a light stand.
- 2) To attach the Control Box, rotate the release lever to unlock the quick-release plate. Then mount the Control Box onto the Lightning Clamp (the release lever will spring back) and check that it is secure.



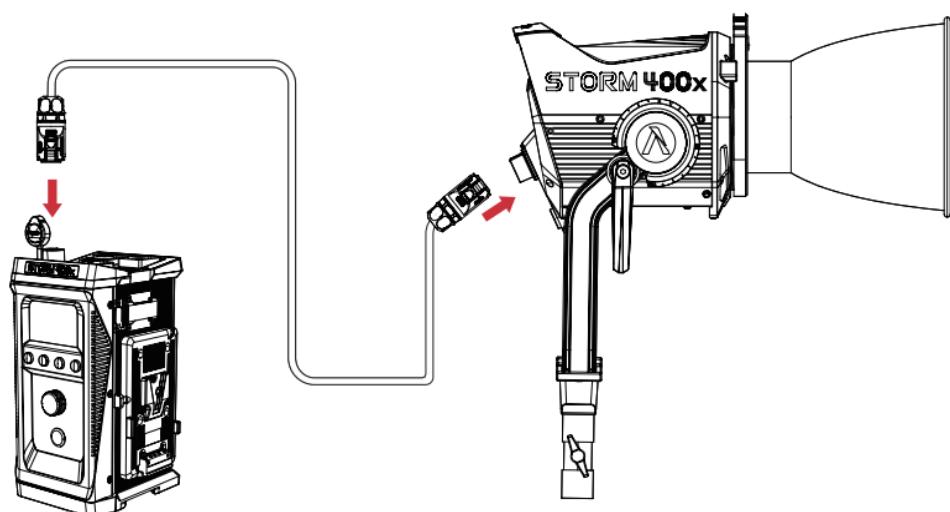
- 3) To remove the Control Box, grasp it firmly, and unlock the quick-release plate by turning its lever.



* The Lightning Clamp can attach to round or square fittings with a diameter of 2-5cm / 0.79-1.97 in.

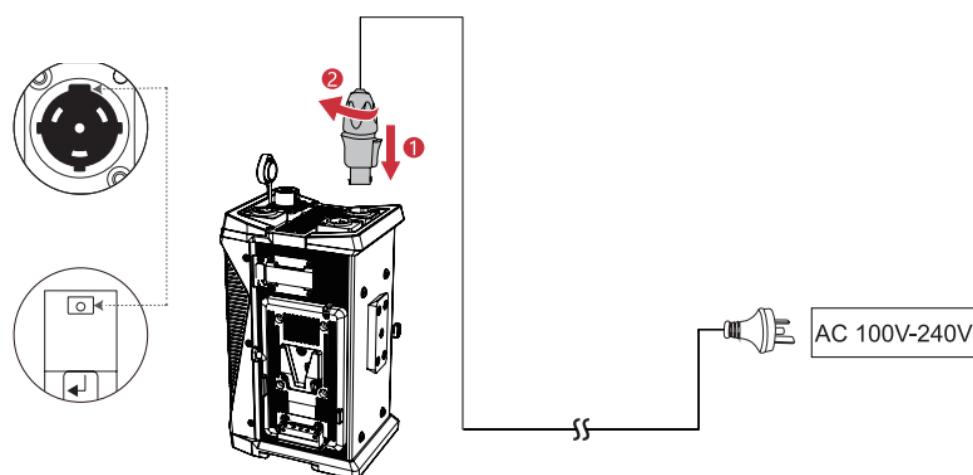
5. Connecting the Lamp Head to the Control Box

Connect the Lamp Head to the Control Box using the 5-pin Weatherproof Head Cable



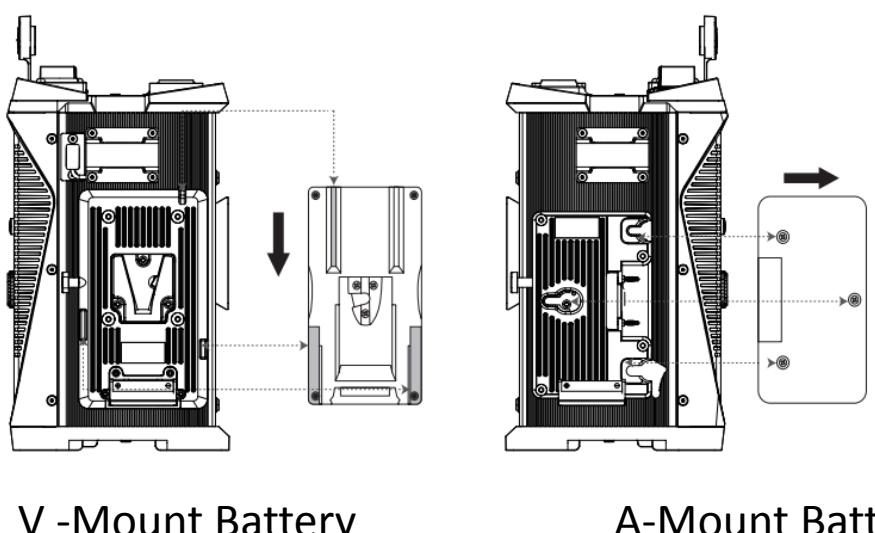
6. Powering Up the Control Box

1) By AC



*To disconnect the cable, pull back on the silver release tab on the cable connector, and rotate the connector counter clockwise. Do not pull directly on the cable.

2) By V-Mount or A-Mount Battery



V -Mount Battery

A-Mount Battery

* Customers can purchase V button or A button batteries as needed.

* Please use batteries with an output voltage of 14.8V. Using batteries with output voltages that do not meet the requirements for power supply will cause the lamp to enter a protection state the moment the light is turned on and cannot be used normally.

* **⚠** Single batteries do not support normal operation. Using dual batteries with a battery current of 10A can achieve a maximum power output of 50%.

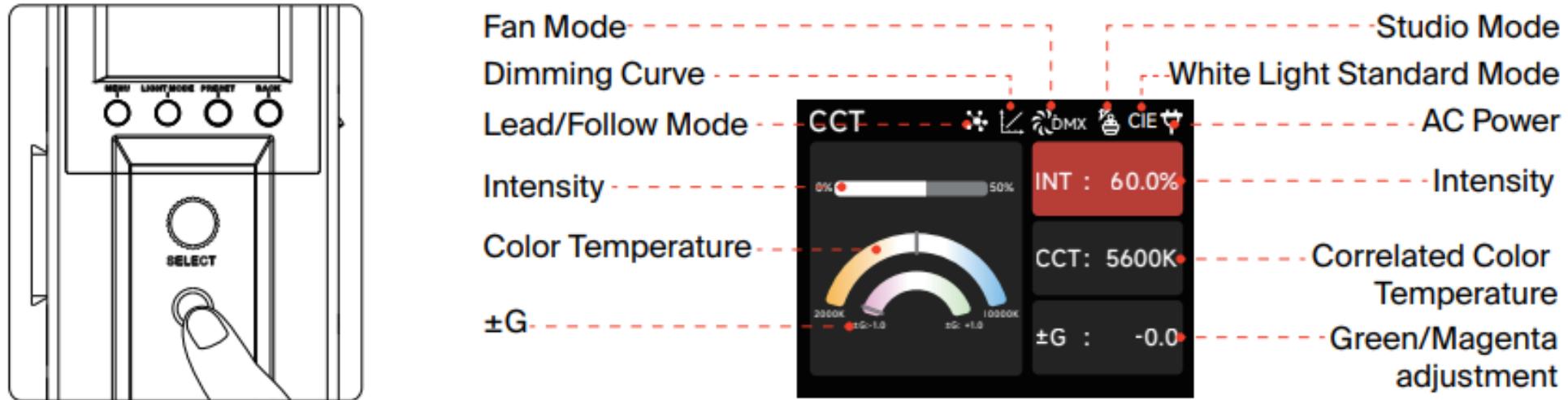
* The maximum current supported by lithium batteries can be modified in the system to 12A, 15A, 20A, and the corresponding maximum power output of the device is 60%, 75%, 100%.

* If the actual maximum current of the lithium battery is lower than the current value set by the system, the battery protection mechanism will be triggered, causing the lamp to fail to start normally or go out unexpectedly.

Operation Instruction

1. Powering On/Off

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



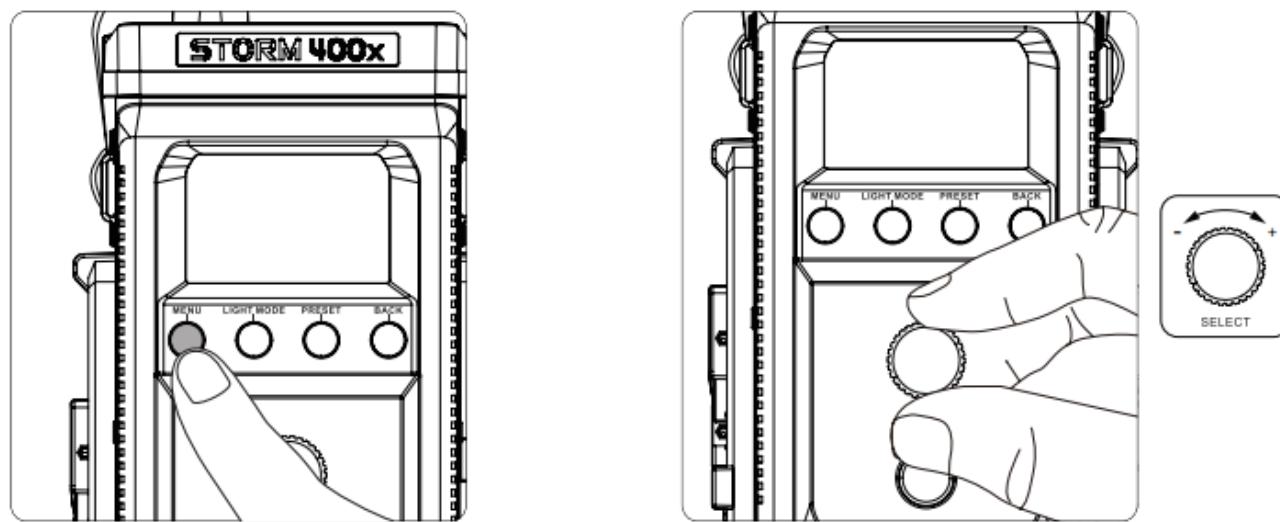
Note: If your fixture has Studio Mode "ON": the Control Box will power on whenever power is supplied to it.

1.1 Status Indicator Icons

Lead/Follow Mode: Leader		Sidus BT Enabled	
Lead/Follow Mode: Follower		Receiving CRMX data	
Fan Mode: Silent		CRMX connected, no DMX data	
Fan Mode: High		Connected to CRMX, no transmitter found	
Fan Mode: Medium			
Fan Mode: Smart		AC Power Detected	
Fan Mode: DMX		CIE Daylight	
Dimming Curve: Linear		Blackbody	
Dimming Curve: S-Curve		Studio Mode: ON	
Dimming Curve: Exponential		Studio Mode: OFF	
Dimming Curve: Logarithmic			

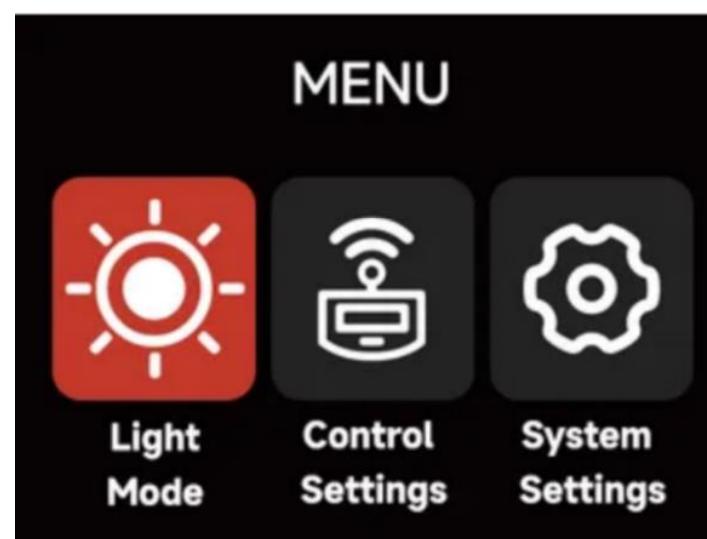
2. Manual Control of Control Box

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



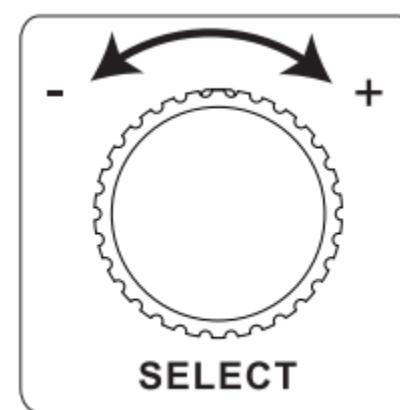
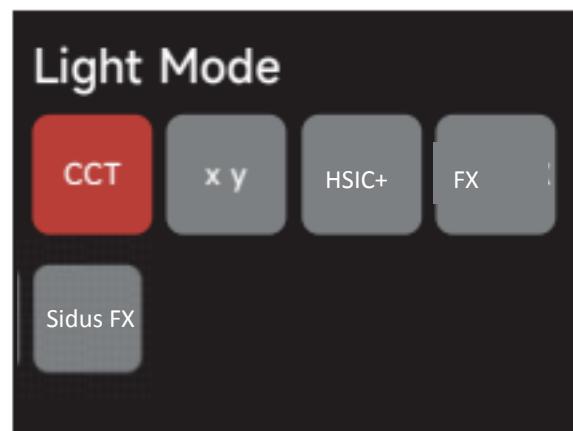
2. 1 Menu

Press the MENU button to enter the System Menu interface. Choose between Light Mode, Control Settings or System Settings.



2. 2 Accessing Lighting Modes

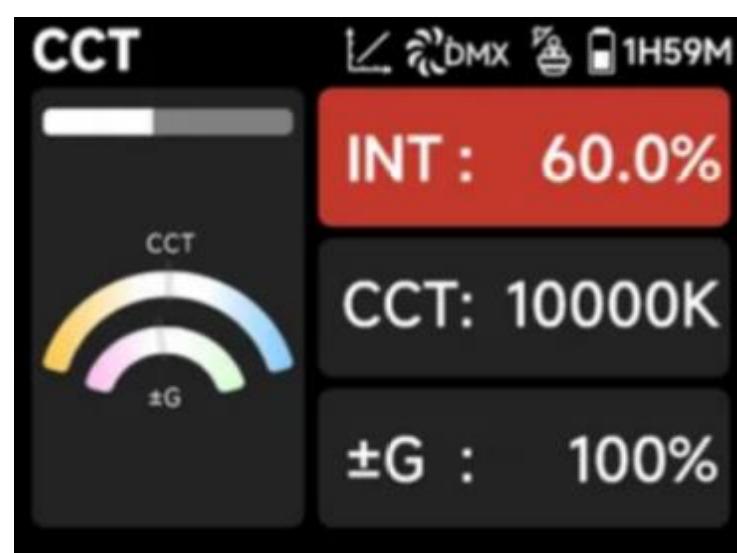
Press the Light Mode Button on the Control Box to enter the Light Mode interface. Choose between CCT, RGB, xy, HSIC+, FX, and Sidus FX Modes.



*Note: Light Modes can only be accessed when no DMX data is present. Please ensure that DMX data is not being listened to by the Control Box in order to use Light Modes.

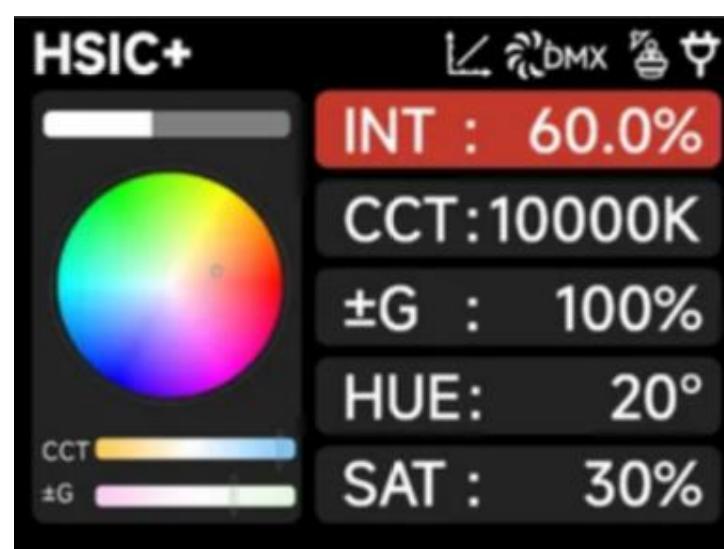
2.2.1 CCT

Adjust the Color Temperature (2500K-10000K) and the \pm Green level (\pm 100%).



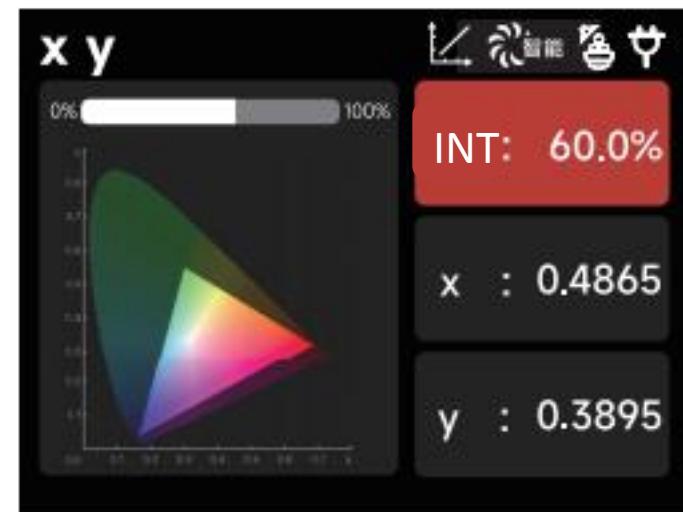
2.2.2 HSIC+

Rotate the Select key to select "HSIC+" and short press to enter the HSIC+ mode. Adjust the brightness (0-100%), color temperature (2500K-10000K), red and green (-100%~100%), hue, and saturation.



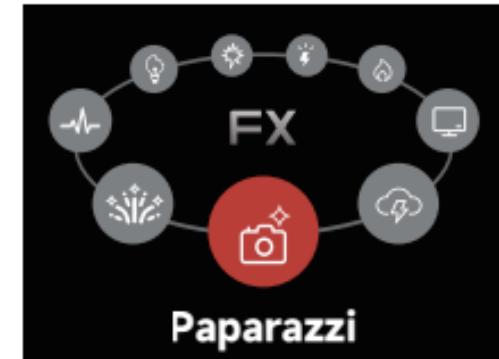
2.2.3 x y

Set the x coordinate value (0.1556~0.6814) and y coordinate value (0.0307~0.5456) and the Intensity.

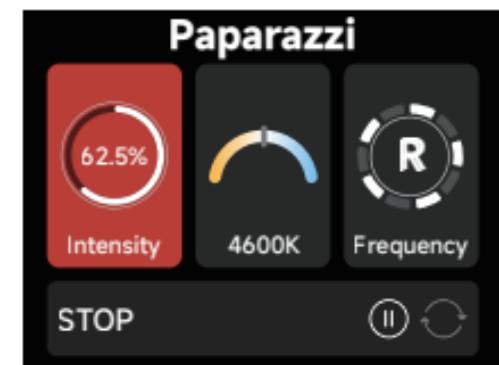


2.2.4 FX

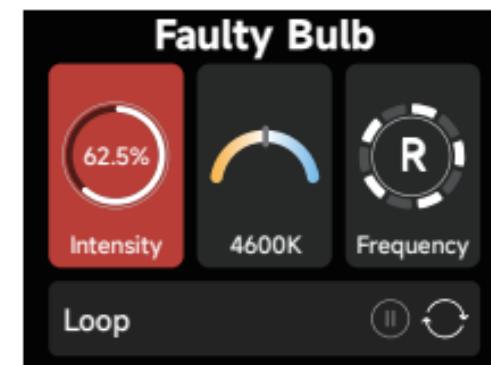
Select between FX modes: Fireworks / Explosions / Flames / Paparazzi / Defective Bulb / TV / Pulse / Flash/ Lightning.



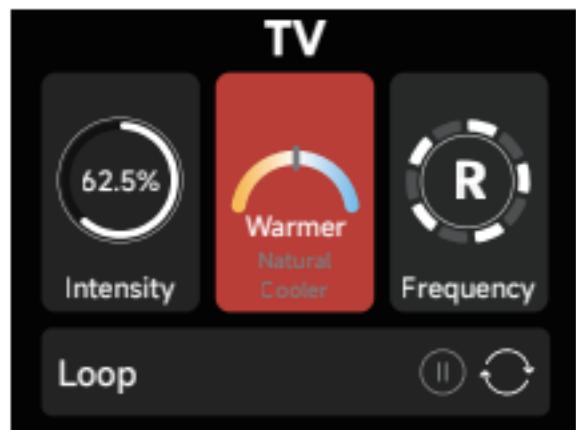
Flame Mode



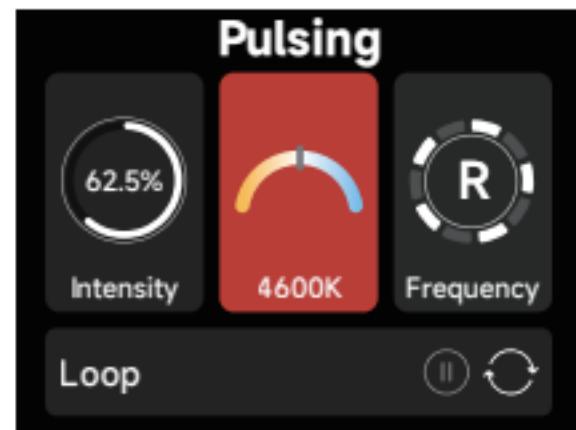
Paparazzi Mode



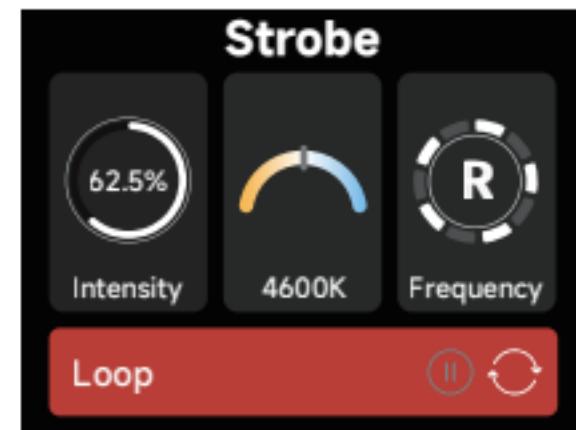
Faulty Bulb Mode



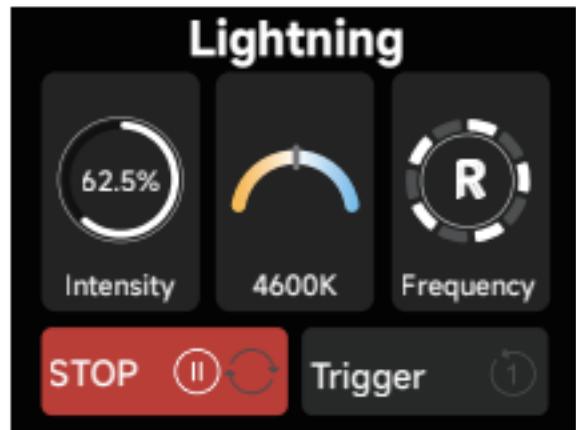
TV Mode



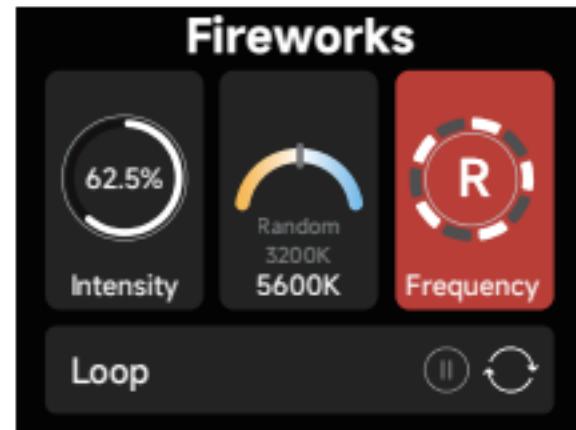
Pulse Mode



Flash Mode



Lightning Mode



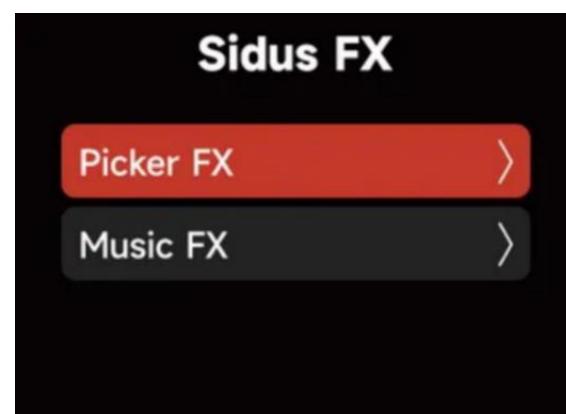
Fireworks Mode



Explosion Mode

2.2.5 Sidus FX Mode

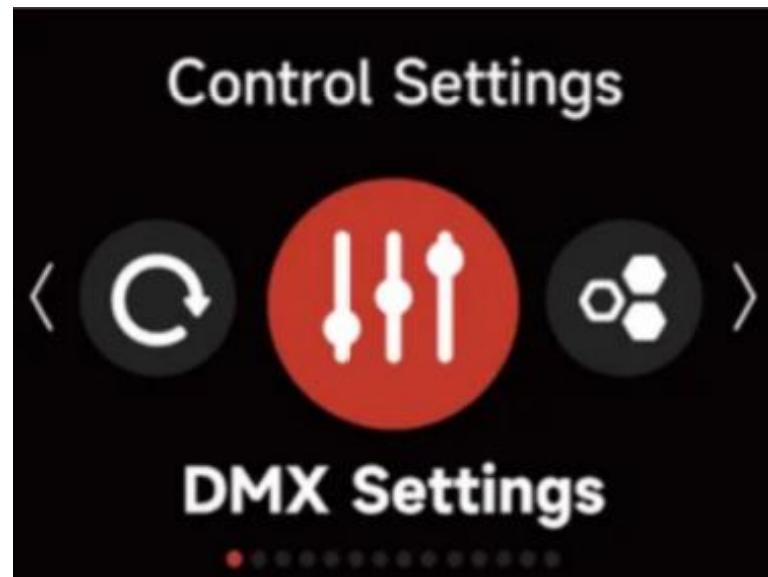
Select either Picker FX or Music FX. Both custom FX choices can save up to 10 FX. "NO FX" indicates that nothing has been saved to this slot. Untitled indicates that an effect has been saved to the slot. The two types of light effects can save 10 custom light effects each. The suffix "NO FX" indicates that no light effect has been saved.



**You can download custom lighting effects by connecting to the Sidus Link APP.*

2.3 Control Settings

Choose between: DMX Settings, CRMX Settings, Sidus BT Settings .



2.3.1 DMX Settings

(1) DMX Status Screen: Displays DMX data status, the DMX address, the DMX Profile being used, the CRMX Signal Strength, Fan Mode, Dimming Curve, Studio Mode in use, Output Mode, Power Status and more.



(2) DMX Address: Set the DMX address of this device.



(3) DMX Profile: Choose which DMX Profile to use. Refer to the DMX Chart for the specifics of each profile.



(4) DMX Loss Behavior--Choose from the following options:

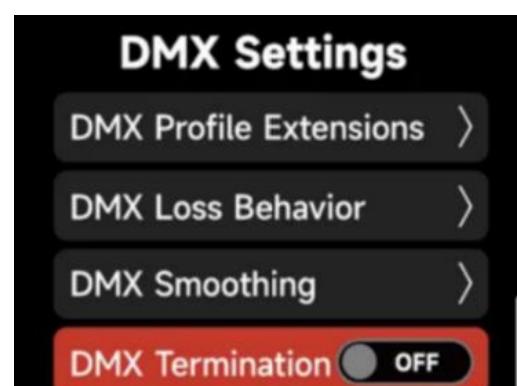
- I: Hold Last Look: when DMX signal is lost, DMX values will be retained until signal is regained.
- II. Black Out: when DMX signal is lost, the light will black out.
- III. Fade to Black: when DMX signal is lost, the light will wait for 60 seconds before fading to black.
- IV. Hold 2 min.&Fade Out: when DMX signal is lost, the DMX values are retained for two minutes before fading out over a time of 60 seconds



5) DMX Smoothing : Set the smoothness of DMX dimming.

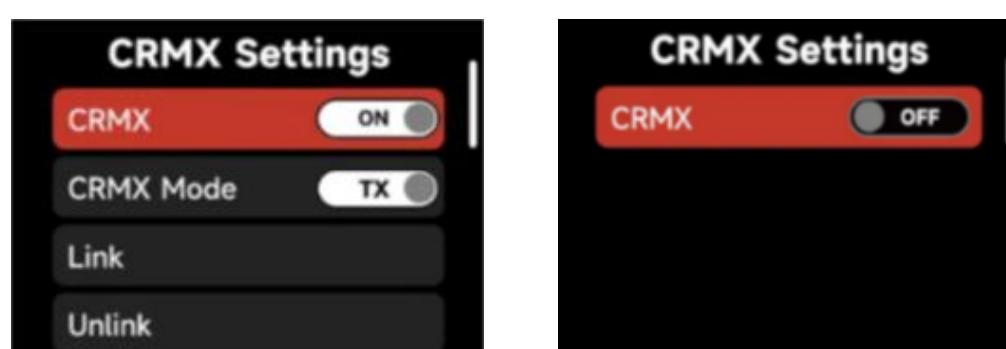


(6) DMX Termination: Turn ON (to help with DMX signal reflection) or OFF

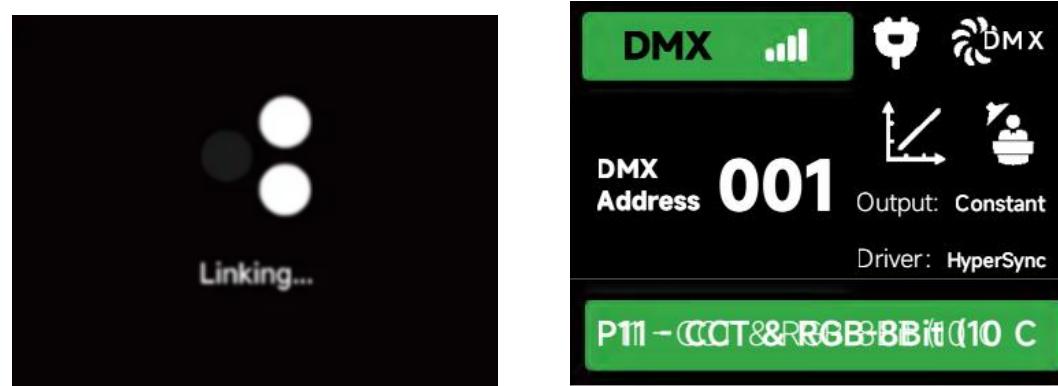


2. 3. 2 CRMX Settings

Turn CRMX ON or OFF.



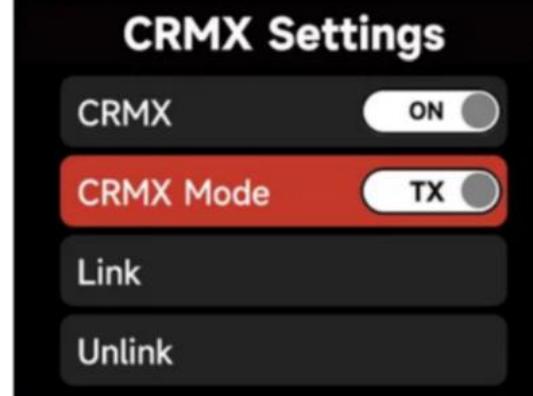
(1) When CRMX is ON/Enabled, the fixture will listen for it's previously linked Transmitter. If the fixture is currently unlinked, it will listen for a Transmitter link signal and link to any new CRMX link signal. Users can Unlink from previously linked Transmitters by selecting Unlink. Once a CRMX Link is established and DMX data is present, the display will change to the DMX Status Screen



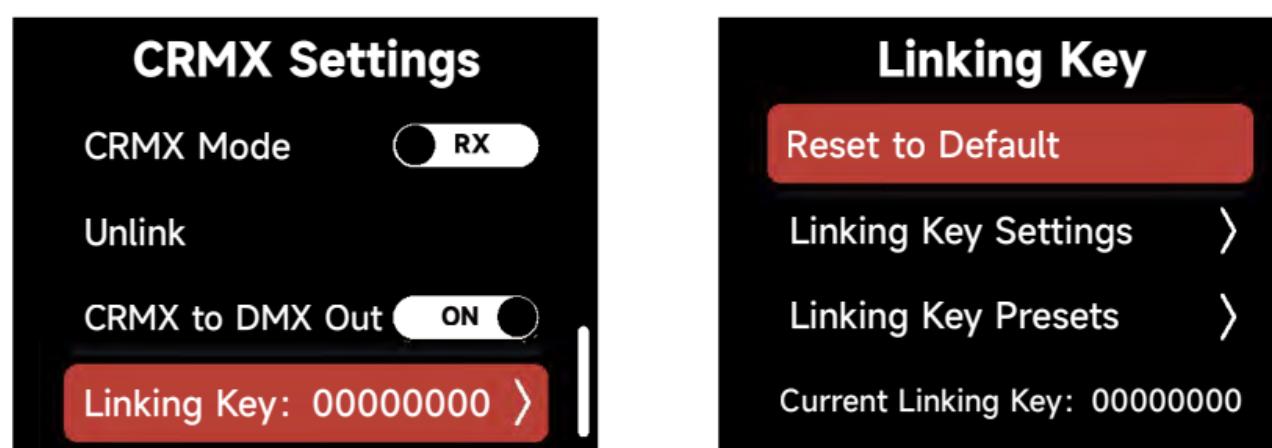
(2) When in CRMX RX Mode, CRMX to DMX512 "ON" pushes the received DMX data out of the DMX Out Port. If "OFF", then no data is pushed out of the DMX Out Port.



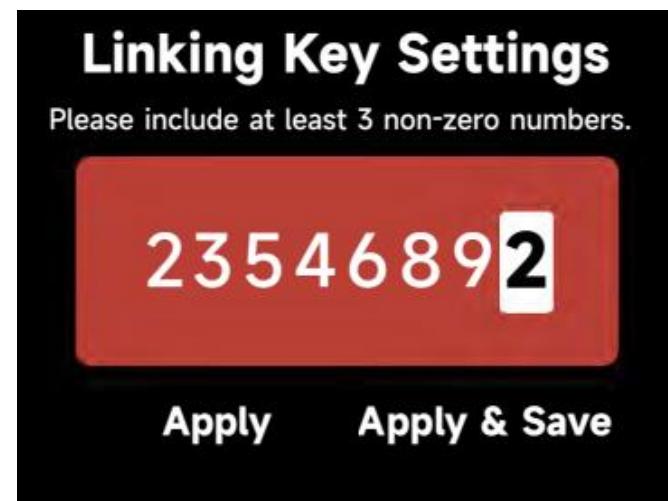
(3) When utilizing CRMX TX Mode, the Light can transmit DMX data to receivers using CRMX.



(4) While acting as a CRMX TX, the Control Box can have a Linking Key for RX's to link to.



a. In the Linking Key interface, choose an 8 digit number to be the Linking Key. Three digits cannot be "0".



b. Choosing "Apply" sets the Linking Key. Presets can be saved for future use by selecting "Apply & Save".

The image contains two screenshots. The left screenshot shows the 'Linking Key Settings' interface with the number '23546892' and buttons for 'Apply' and 'Apply & Save'. The right screenshot shows the 'Linking Key' interface with a list of presets: 'Preset 1: 00001111', 'Preset 2: 00002222', 'Preset 3: 00003333', and 'Preset 4: 00004444'. The 'Preset 1' button is highlighted in red.

c. Save 10 Presets in total.

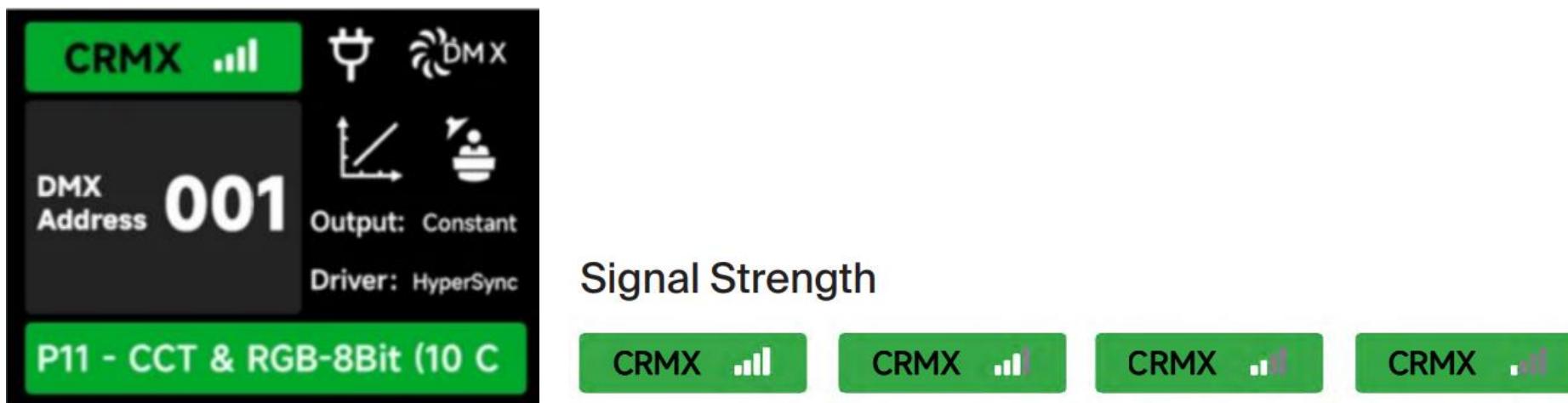
The image contains two screenshots. The left screenshot shows the 'Linking Key Settings' interface with the number '23546892' and buttons for 'Apply' and 'Apply & Save'. The right screenshot shows the 'Linking Key Presets' interface with four saved presets: 'Preset 1: 00001111', 'Preset 2: 00002222', 'Preset 3: 00003333', and 'Preset 4: 00004444'. The 'Preset 1' button is highlighted in red.

d. In the Linking Key Preset interface, save up to 10 Presets by choosing "Save" or set the Control Box's Linking Key and save it as the selected Preset by choosing Apply and Save

The image contains three screenshots. The left screenshot shows the 'Linking Key' interface with a list of options: 'Reset to Default', 'Linking Key Settings', and 'Linking Key Presets'. The 'Linking Key Presets' button is highlighted in red. The middle screenshot shows the 'Linking Key Presets' interface with four saved presets: 'Preset 1: 00001111', 'Preset 2: 00002222', 'Preset 3: 00003333', and 'Preset 4: 00004444'. The 'Preset 1' button is highlighted in red. The right screenshot shows the 'Linking Key Preset 1' interface with the number '00001111' and buttons for 'Apply & Save' and 'Save'.

(5) CRMX RX (Receiving) Status

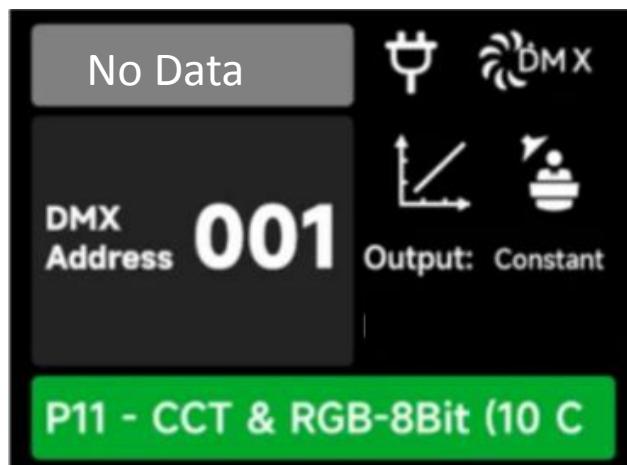
a. Signal Strength: When DMX data is provided to the Control Box acting as an RX, the DMX Status Screen will indicate the CRMX signal strength the Control Box is receiving.



b. CRMX Signal is good and DMX data is present.



c. No DMX data present

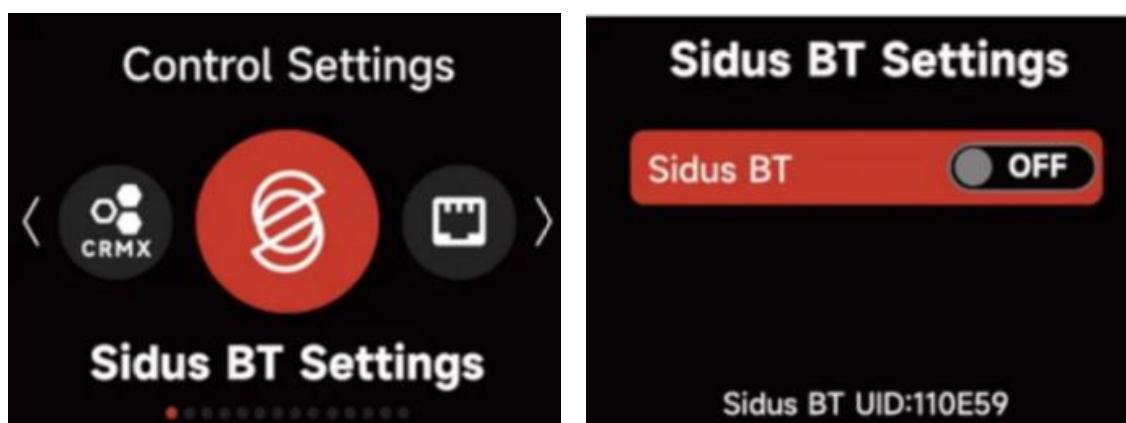


d. The Control Box CRMX RX is out of range of its TX. Check that the TX is powered On and within range

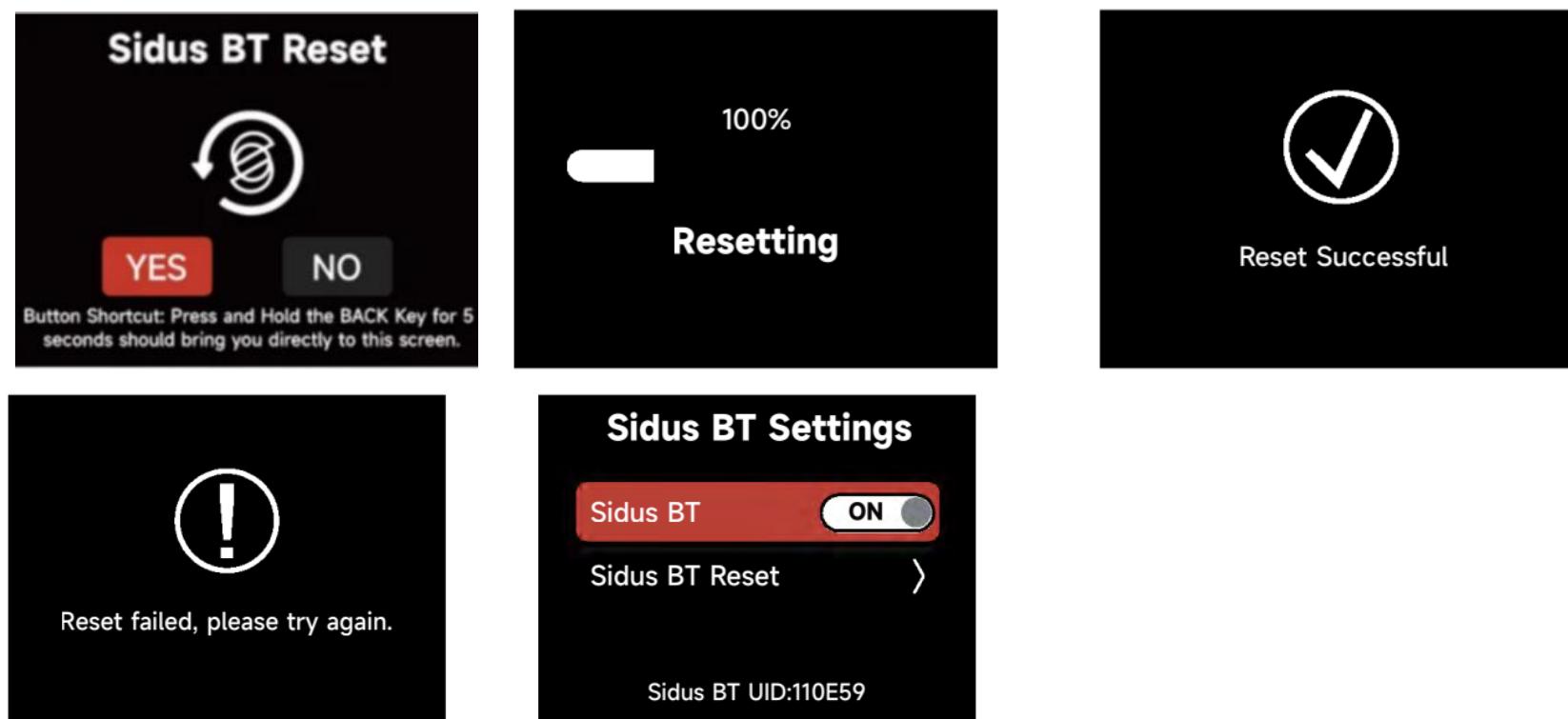


2.3.3 Sidus BT Setting

(1) Turn Sidus BT ON or OFF in the Sidus BT settings

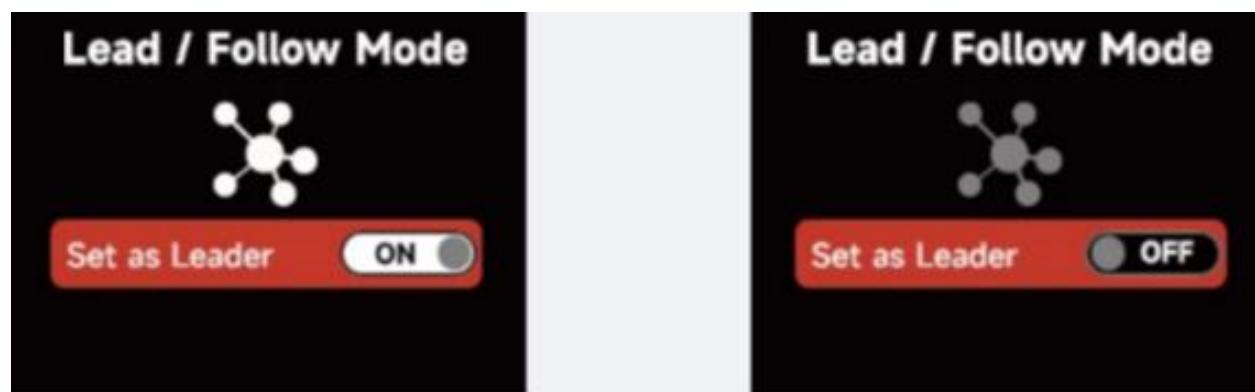


(2) When Sidus BT is "ON": the serial number is displayed here to facilitate connecting with the Sidus Link Pro and Sidus Link Apps. Use Sidus BT Reset to allow your Sidus Link device to connect with a new controller. If Sidus BT fails to reset, a "Reset Failed" warning will pop up before returning to the Sidus BT Reset display.



2.3.4 Lead/Follow Mode

In this interface, set fixtures as either the Leader or the Follower (Leader/"OFF"). The Leader automatically sends its settings to the Follower fixtures for synchronization



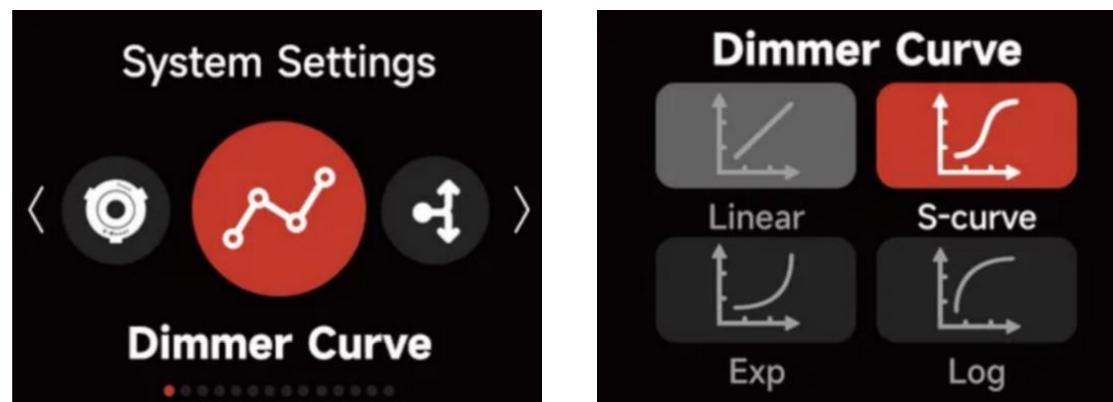
2.4 System Settings

System Settings include: Dimming Curve, Output Settings, White Light Standard, Fan Mode, Studio Mode, Screensaver Settings, Language, Product Info, Firmware Update, and Factory Reset options.



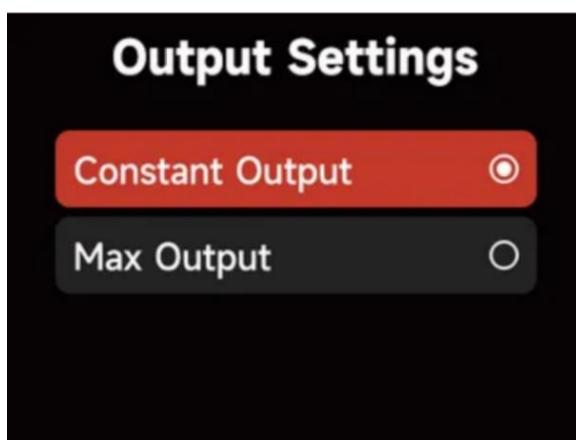
2. 4. 1 Dimming Curve

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



2.4.2 Output Settings

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



2.4.3 White Light Standard

- (1) CIE Daylight: meets the sunlight standard (5000K-10000K, Duv is controlled at 0.0020~0.0040);
- (2) Blackbody: meets the blackbody luminescence standard (Duv is controlled near the blackbody trajectory line)



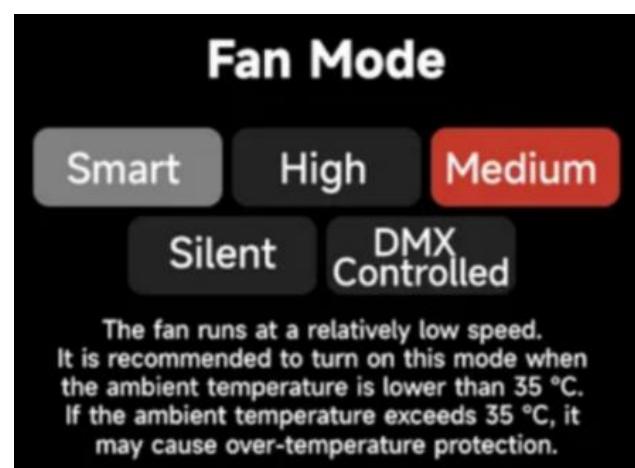
2.4.4 Fan Mode

In the System Settings Fan Mode, rotate the Select Wheel and press to choose between Smart, High, Medium, Silent and DMX Controlled Fan Mode.

When using the DMX Controlled Fan Mode, the options for the Fan are:

- 1) Smart: able to work in -20°C/-4°F through 45°C/113°F environment, the lamp will automatically adjust the fan speed according to different ambient temperatures.
- 2) Max: able to work in -20°C/-4°F through 45°C/113°F environment, fan will maintain its highest speed. In High-Speed Mode, the fan uses the Max Fan setting.
- 3) Medium: Capable of working in -20°C/-4°F through 35°C/95°F environments, the fan uses a medium speed. Medium is the slowest speed possible for Maximum Output.
- 4) Delayed: Fan is off for 90 seconds or until the lamp head reaches 75°C; then the fan is automatically turned on for the lamp head's protection.
- 5) Silent: When working in an environment of -20°C/-4°F–45°C/113°F, the fan stays OFF, but the output of the lamp is limited to 45W.

See the STORM 400x DMX Chart for details.



2.4.5 Studio Mode

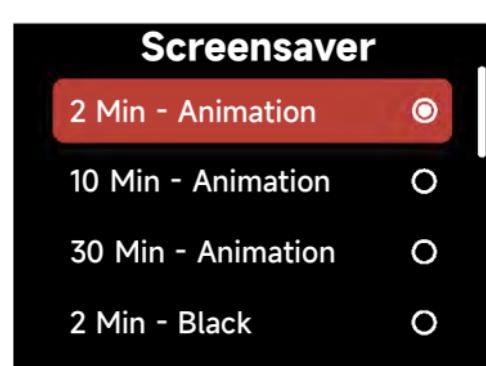
When Studio Mode is enabled (ON), the fixture will power on when connected to live power.

When Studio Mode is disabled (OFF), press the power button to power on or power off the fixture.



2.4.6 Screensaver

Select the Screensaver time and display behavior.



2.4.7 Language

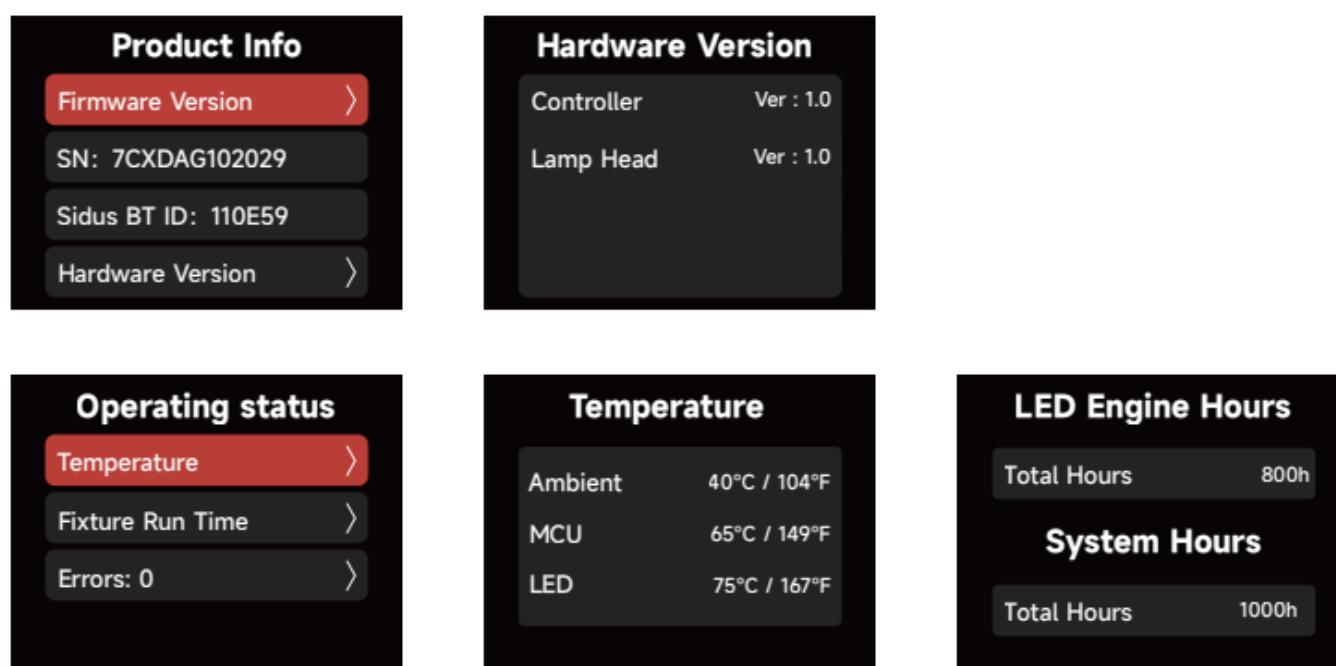
Select between English or Chinese and press the Select Wheel to confirm.



2.4.8 Product Information

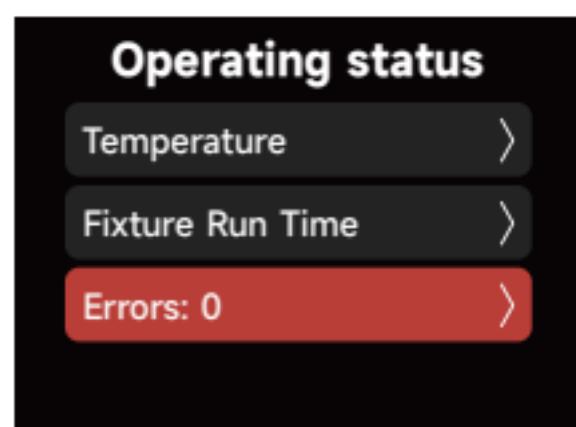
The Firmware Version, SN, Sidus BT ID, Hardware Version and Operating status, can all be checked in the Product Info interface.

- 1) Firmware Version: display the Firmware Version of the Control Box and attached Lamp Head.
- 2) SN: Serial Number
- 3) Sidus BT ID.
- 4) Hardware Version: display the hardware versions of the Control Box and attached Lamp Head
- 5) Operating status: display the Temperature, Control Box and attached Lamp Head Run Time, and any Error Code.



Errors are divided into two categories:

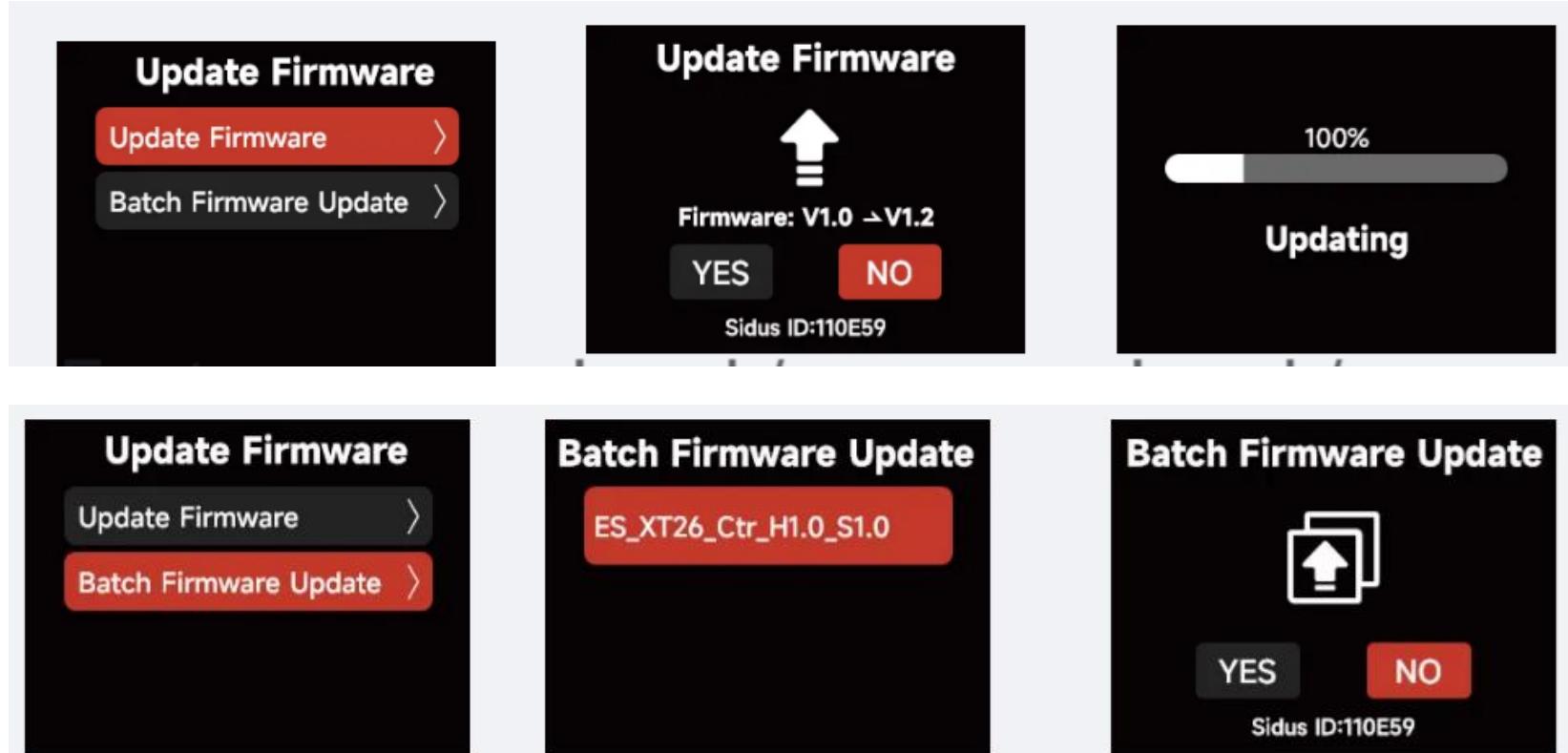
- a. Serious error: When a serious error occurs, the fixture cannot be used and will be locked for protection. Please respond to the error according to the fault prompt.
- b. General error: When a general error occurs, the fixture is still available for use; enter the product Info interface to view the error details.



2.4.9 Firmware Information

Upgrade the firmware by inserting a USB flash drive with the latest firmware on its root drive into the USB-A 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 or Sidus Link Pro with Sidus BT turned ON and a Wi-Fi internet connection on your Sidus Link device. Remember to update both the Control Box and the connected Lamp Head with any new firmware.

Batch firmware upgrade: Enabled when Lead/Follow Mode is turned on; batch upgrade requires inserting a USB flash drive with the latest firmware into the host.



2.4.10 Factory Reset

Select "YES" if you wish to Factory Reset the fixture. Select "NO" to cancel. Choose to Reset CRMX, Reset Sidus BT, Default Language. Hold the Menu button for 5 seconds for a Factory Reset shortcut to appear

Factory Settings:

Light Mode	CCT; Color Temperature:3200K
Intensity	0
Output Mode	Maximum Output
Lead/Follow Mode	Off
<hr/>	
Screensaver	30 Minutes
White Light Standard	CIE Daylight
Fan Mode	Smart
Dimming Curve	Linear
Studio Mode	On
Fx Mode	Fireworks, Brightness 0%, Color Temperature 3200K, Frequency 5
DMX	Channel 001, Hold Last Look DMX Termination Off, DMX Smooth: Smooth

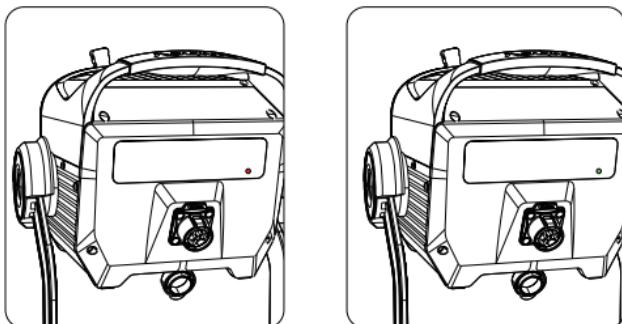


2.5 Presets

10 Light Mode Presets can be saved. Choose your settings within the CCT, xy or FX Mode. Then press the PRESET button to open the Preset interface. Select the Preset number to open, replace or delete the Preset.



2.6 Indicator Light Description



Lamp indicator

Green: Normal operation

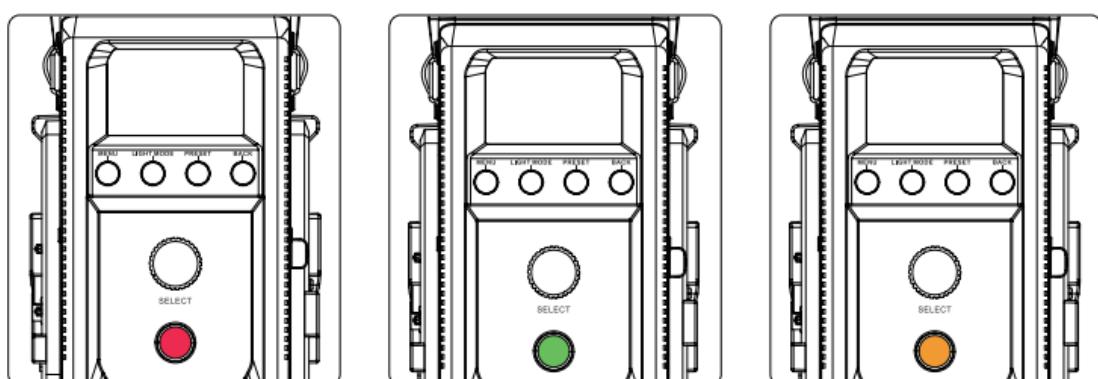
Red: Normal power on, software not running or software running normally but detected abnormality

Control box indicator

Green: Normal operation

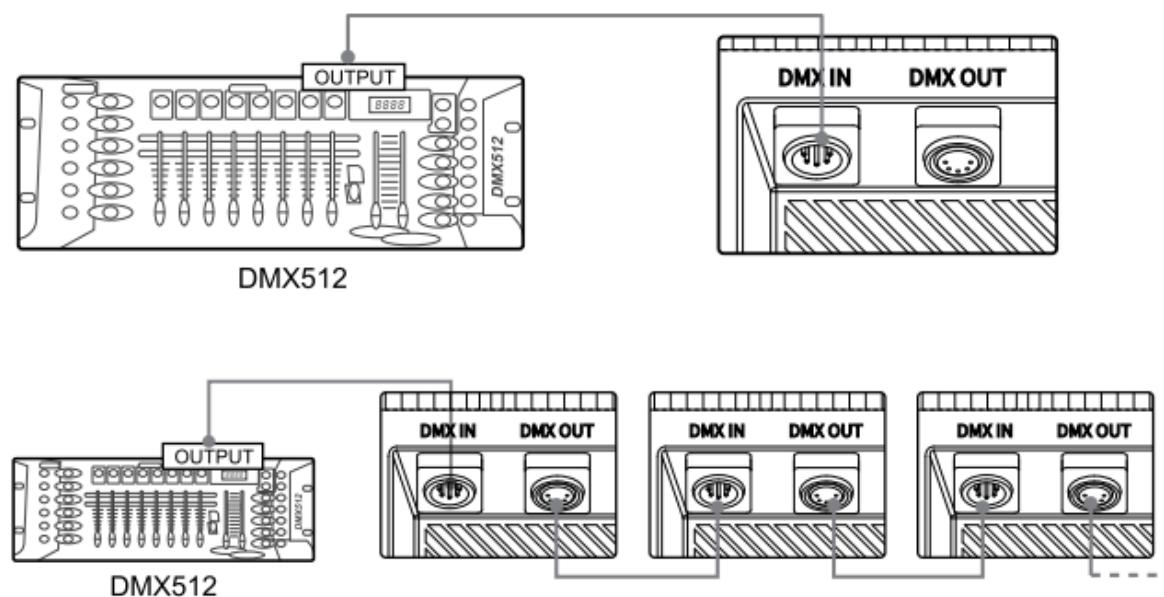
Red: Normal power on, software not running

Orange: Normal power supply, software running normally, but software detected abnormality: Usually the screen will display an error code



3. Control with a DMX Console

3.1 Connect the Lighting Console to the STORM 400x Control Box DMX IN Port:



3.2 Controlling via DMX

When the number of DMX console channels is consistent with that of the control box, the console can be used to adjust the brightness. Applicable to single or multiple connection modes.

3.3 . DMX Profile Control

STORM 400x supports several DMX profiles. Please download the DMX Chart on the official website (<https://aputure.com>) to view detailed configurations

3. . Sidus Link Pro and Sidus Link

Download Sidus Link and Sidus Link Pro from the iOS App Store or the Google Play Store. Visit [Aputure.com](https://aputure.com) for more details on enhancing the Aputure experience with these Apps.



**Sidus Link
& Sidus Link Pro**



<https://help.sidus.link/>

Product Specifications

Input	480W	Output Power(Max)	400W		
Voltage Input Range	100-240V AC	Operating Current	2.1-5A		
Cooling Method	Air Cooling	Operating Temperature	-20°C ~ 45°C		
Color Temperature	2500 K 10000 K	Weather Resistance Rating	IP65		
CRI	95+	TLCI	95+		
SSI(D56)	87	SSI(D32)	87		
TM-30 Rf (average value)	95	TM-30 Rg (average value)	100		
Cooling Method	Air Cooling	Operating Temperature	-20°C ~ 45°C		
Control Method	Control Board, Sidus Link Pro / Sidus Link, DMX/RDM, CRMX	Storage Temperature	-40°C~45°C		
Bluetooth control distance	100m	CRMX Control Distance	100m		
Size	Lamp Head	238.48×252.75×423.63mm			
	Control Box	136.20×141.09×243.31mm			
Weight	Lamp Head	3.9kg			
	Control Box	3.0 kg			
Screen	Type : TFT Size : 40.8 x 30.6mm Resolution : 240 * 320				
Firmware Updating	Sidus Link Sidus Link Pro USB-A Lead/Follow Mode				

Photometrics

CCT	Distance	BlackBody					CIE Daylight				
		Bare light	35°Hyper Reflector	30°Hyper Reflector	CF7 Fresnel		Bare light	35°Hyper Reflector	30°Hyper Reflector	CF7 Fresnel	
					15°	40°				15°	40°
2500K	1m	20620 lux	49600 lux	71600 lux	189000 lux	40700 lux	20590 lux	49200 lux	70800 lux	179800 lux	40600 lux
		1916 fc	4608 fc	6652 fc	17558 fc	3781 fc	1913 fc	4571 fc	6577 fc	16703 fc	3772 fc
	3m	2354 lux	3850 lux	7180 lux	17740 lux	4790 lux	2361 lux	3850 lux	7180 lux	17700 lux	4780 lux
		219 fc	358 fc	667 fc	1648 fc	445 fc	219 fc	358 fc	667 fc	1644 fc	444 fc
	5m	882 lux	1335 lux	2512 lux	6280 lux	1777 lux	880 lux	1334 lux	2510 lux	6270 lux	1773 lux
		82 fc	124 fc	233 fc	583 fc	165 fc	82 fc	124 fc	233 fc	582 fc	165 fc
3200K	1m	25800 lux	63900 lux	89200 lux	225000 lux	52400 lux	25600 lux	61600 lux	89000 lux	225200 lux	51000 lux
		2397 fc	5936 fc	8287 fc	20903 fc	4868 fc	2378 fc	5723 fc	8268 fc	20921 fc	4738 fc
	3m	2955 lux	4840 lux	9010 lux	225000 lux	6020 lux	2964 lux	4850 lux	8990 lux	22210 lux	6020 lux
		275 fc	450 fc	837 fc	20903 fc	559 fc	275 fc	451 fc	835 fc	2063 fc	559 fc
	5m	1106 lux	1677 lux	3150 lux	7890 lux	2234 lux	1105 lux	1677 lux	3150 lux	7860 lux	2232 lux
		103 fc	156 fc	293 fc	733 fc	208 fc	103 fc	156 fc	293 fc	730 fc	207 fc
4300K	1m	27000 lux	65700 lux	93100 lux	237000 lux	54000 lux	27350 lux	65400 lux	93600 lux	237300 lux	53900 lux
		2508 fc	6104 fc	8649 fc	22017 fc	5017 fc	2541 fc	6076 fc	8695 fc	22045 fc	5007 fc
	3m	3100 lux	5090 lux	9460 lux	23360 lux	6360 lux	3140 lux	5120 lux	9510 lux	23470 lux	6400 lux
		288 fc	473 fc	879 fc	2170 fc	591 fc	292 fc	476 fc	883 fc	2180 fc	595 fc
	5m	1162 lux	1767 lux	3310 lux	8270 lux	2360 lux	1170 lux	1780 lux	3340 lux	8310 lux	2376 lux
		108 fc	164 fc	307 fc	768 fc	219 fc	109 fc	165 fc	310 fc	772 fc	221 fc
5600K	1m	26500 lux	63900 lux	90900 lux	232100 lux	52700 lux	27100 lux	64600 lux	93000 lux	236700 lux	53900 lux
		2462 fc	5936 fc	8445 fc	21562 fc	4896 fc	2518 fc	6001 fc	8640 fc	21989 fc	5007 fc
	3m	3040 lux	4970 lux	9230 lux	22790 lux	6230 lux	3110 lux	5090 lux	9430 lux	23260 lux	6380 lux
		82 fc	83 fc	84 fc	85 fc	86 fc	87 fc	88 fc	89 fc	90 fc	91 fc
	5m	1134 lux	1729 lux	3230 lux	8050 lux	2314 lux	1161 lux	1769 lux	3310 lux	8220 lux	2367 lux
		105 fc	161 fc	300 fc	748 fc	215 fc	108 fc	164 fc	307 fc	764 fc	220 fc

Photometrics

CCT	Distance	BlackBody					CIE Daylight				
		Bare light	35°Hyper Reflector	30°Hyper Reflector	CF7 Fresnel		Bare light	35°Hyper Reflector	30°Hyper Reflector	CF7 Fresnel	
					15°	40°				15°	40°
6500K	1m	25800 lux	62100 lux	88800 lux	227000 lux	51600 lux	26500 lux	63300 lux	90800 lux	228700 lux	52700 lux
		2397 fc	5769 fc	8250 fc	21088 fc	4794 fc	2462 fc	5881 fc	8435 fc	21246 fc	4896 fc
	3m	2970 lux	4860 lux	9020 lux	22250 lux	6100 lux	3040 lux	4970 lux	9200 lux	22690 lux	6240 lux
		276 fc	451 fc	838 fc	2067 fc	567 fc	282 fc	462 fc	855 fc	2108 fc	580 fc
	5m	1108 lux	1691 lux	3160 lux	7860 lux	2266 lux	1134 lux	1729 lux	3230 lux	8020 lux	2317 lux
		103 fc	157 fc	294 fc	730 fc	211 fc	105 fc	161 fc	300 fc	745 fc	215 fc
7500K	1m	25200 lux	60700 lux	86600 lux	211700 lux	50400 lux	25700 lux	61600 lux	88400 lux	225200 lux	51500 lux
		2341 fc	5639 fc	8045 fc	19667 fc	4682 fc	2388 fc	5723 fc	8212 fc	20921 fc	4784 fc
	3m	2900 lux	4740 lux	8800 lux	21720 lux	5960 lux	2960 lux	4840 lux	8970 lux	22110 lux	6100 lux
		269 fc	440 fc	818 fc	2018 fc	554 fc	275 fc	450 fc	833 fc	2054 fc	567 fc
	5m	1082 lux	1652 lux	3080 lux	7670 lux	2215 lux	1105 lux	1685 lux	3140 lux	7810 lux	2262 lux
		101 fc	153 fc	286 fc	713 fc	206 fc	103 fc	157 fc	292 fc	726 fc	210 fc
10000K	1m	23940 lux	57700 lux	82300 lux	210500 lux	48000 lux	24160 lux	57800 lux	83100 lux	212600 lux	48500 lux
		2224 fc	5360 fc	7646 fc	19555 fc	4459 fc	2244 fc	5370 fc	7720 fc	19751 fc	4506 fc
	3m	2750 lux	4510 lux	8350 lux	20610 lux	5680 lux	2790 lux	4550 lux	8420 lux	20760 lux	5740 lux
		255 fc	419 fc	776 fc	1915 fc	528 fc	259 fc	423 fc	782 fc	1929 fc	533 fc
	5m	1028 lux	1571 lux	2920 lux	7280 lux	2111 lux	1038 lux	1585 lux	2950 lux	7330 lux	2131 lux
		96 fc	146 fc	271 fc	676 fc	196 fc	96 fc	147 fc	274 fc	681 fc	198 fc

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.

SAVE THESE INSTRUCTIONS

FCC Compliance Statement

WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTICE

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 reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

RF Warning Statement:

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

NOTICE

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada ' s licence-exempt RSS(s). Operation is subject to the following two conditions:This device may not cause interference.This device must accept any interference, including interference that may cause undesired operation of the device.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter, End-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux RSS exemptés de licence d ' innovation, sciences et développement économique Canada.Le fonctionnement est soumis aux deux conditions suivantes:

Cet appareil ne peut pas causer d ' interférences.

Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un fonctionnement indésirable de l ' appareil.

Les antennes utilisées pour cet émetteur doivent être installées pour assurer une distance de séparation d ' au moins 20 cm par rapport à toutes les personnes et ne doivent pas être localisées ou fonctionner conjointement avec d ' autres antennes ou émetteurs. Les utilisateurs doivent avoir des conditions de fonctionnement de l ' émetteur pour satisfaire à la conformité à l ' exposition RF.

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.