

STORM XT52

Product Manual

English

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Introduction

Thank you for purchasing the Aputure® "STORM" series tunable white STORM XT52.

The STORM XT52 features a brand-new BLAIR light engine design, offering an expanded CCT range (2500K–10000K). In CCT mode, it supports both Daylight Mode and Blackbody Curve Mode, along with G/M adjustment. It also supports HSIC+ and xy color output, FX lighting effects and a variety of professional control protocols, including DMX512-A/RDM, LumenRadio CRMX, Art-Net, sACN and Aputure's Sidus BT.

With its IP65-rated dust and water resistance and Aputure's proprietary electronic mount design, the STORM XT52 delivers a comprehensive and professional lighting solution. It is compatible with a new set of electronic-mount accessories including the motorized CF16 Fresnel, PB70 Parallel Beam Reflector, three beam angle-specific reflectors (narrow, medium, wide), as well as the electronic-mount Light Dome 150 and Lantern 120 soft light modifiers—empowering you with true creative freedom.

Components List

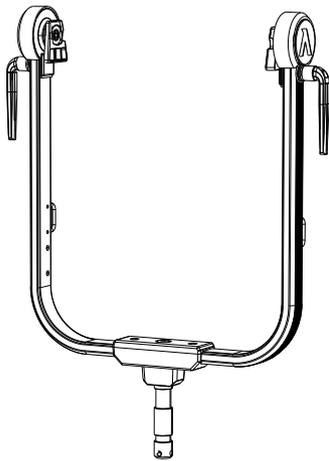
Before using this product, please check that all of the following items are included in the package. If any are missing, please contact your dealer.



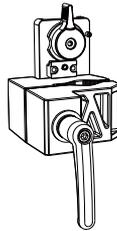
STORM XT52 Lamp Head x1



STORM XT52 Control Box x1



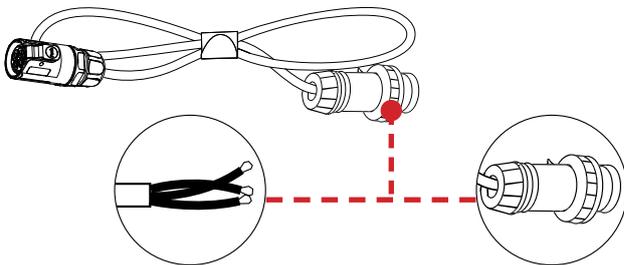
STORM XT52 Removable yoke x1



Lightning Clamp x 1

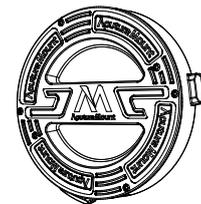


STORM XT52
Medium angle Reflector x1

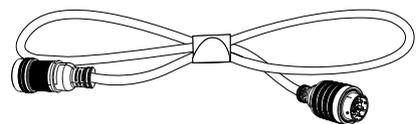


STORM XT52 AC Power Cable-1m x1

Note: If the AC power Cord without a plug is purchased, a plug will not be provided. It will need to be purchased and assembled separately.



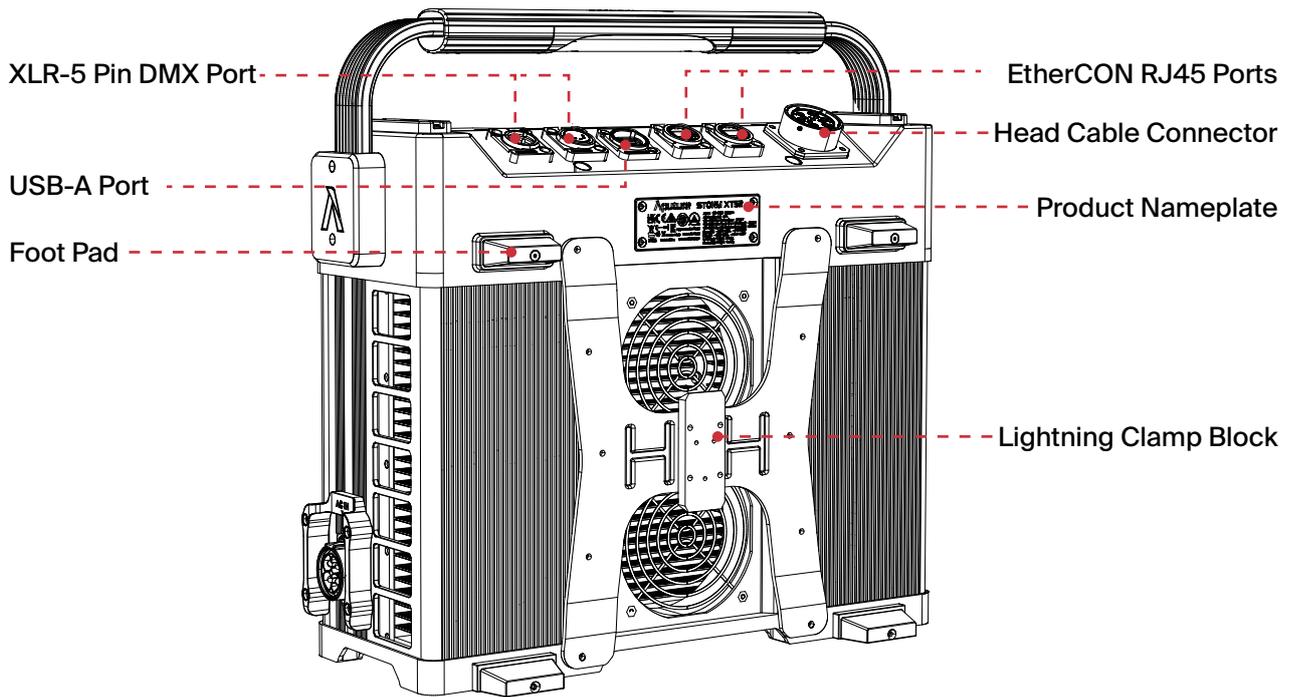
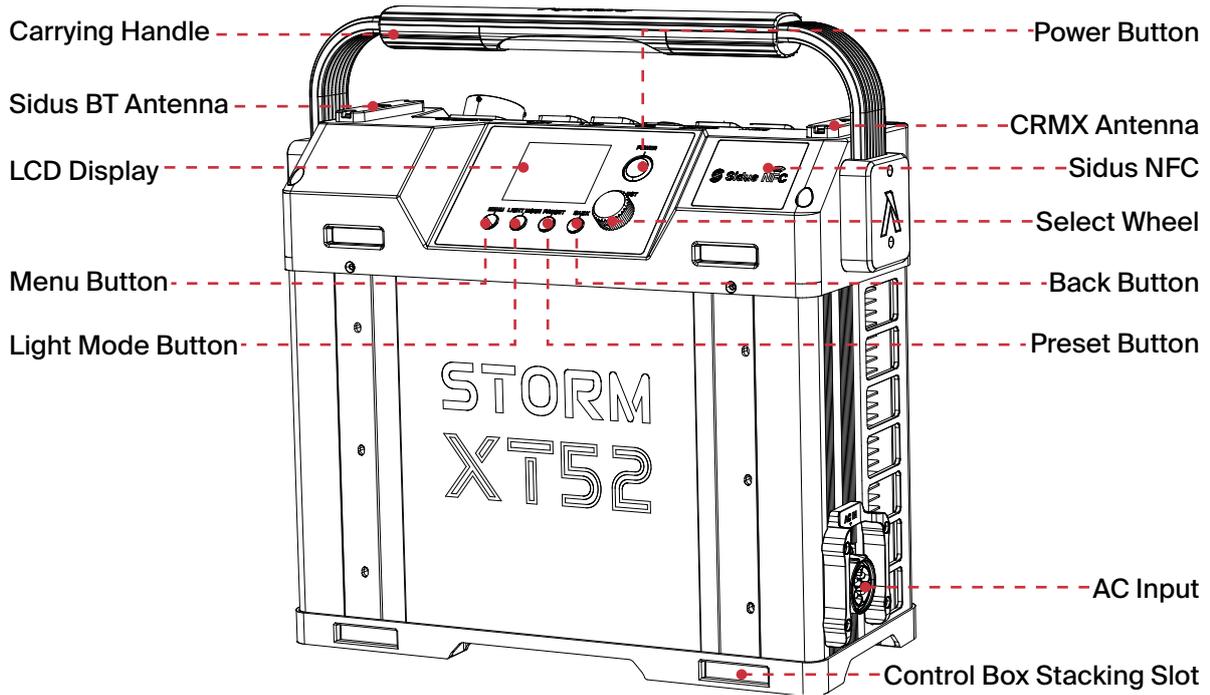
STORM XT52 Aputure
Mount Protection Cover x1



Extendable Head Cable-7.5m x1

** All illustrations in this manual are for reference only. Plug specifications vary per region. The physical product may also differ from the schematic diagram due to continuous updates and Upgrades.*

2. Control Box

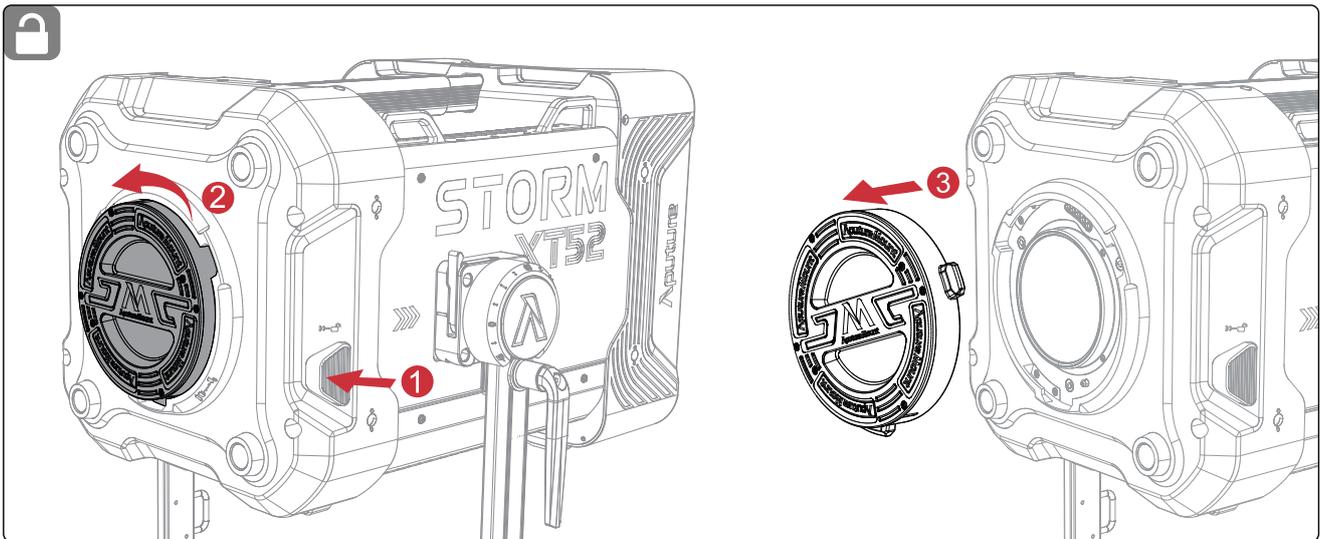


Setup

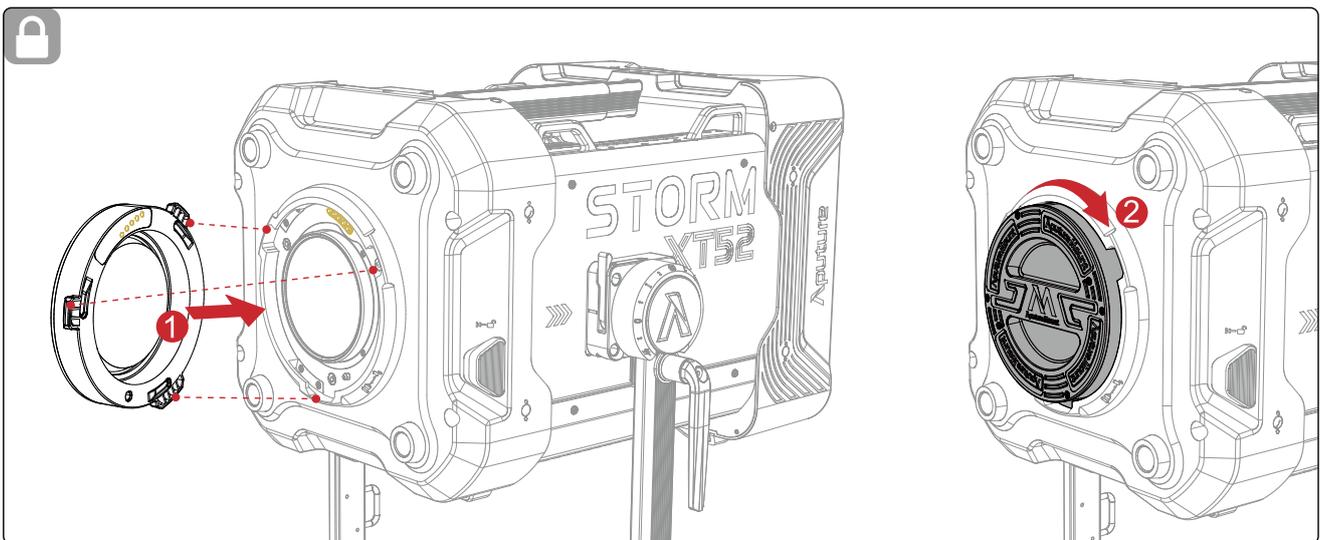
1. Attaching/Detaching the Aputure Mount Protection Cover

Press the button in the direction of the arrow shown in the diagram, while simultaneously rotating and pulling out the protective cover. To install the protective cover, rotate it in the opposite direction.

Detaching the Aputure Mount Protection Cover



Attaching the Aputure Mount Protection Cover

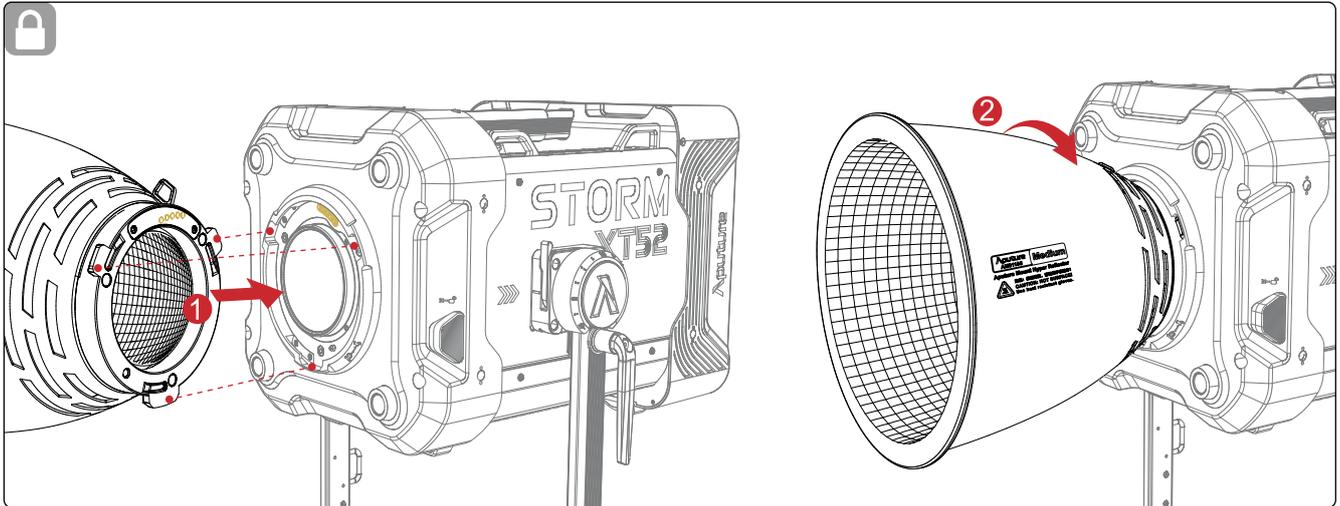


* Before use, please make sure to remove the protective cover. During transportation and storage, please attach the protective cover.

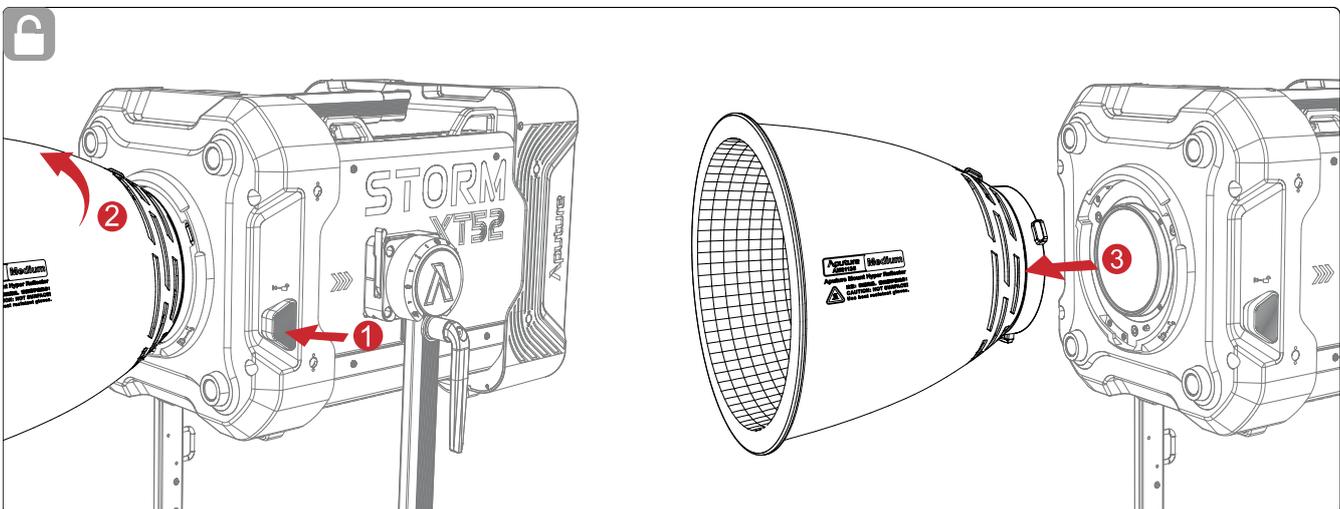
2. Attaching / Detaching the Reflector

Press the button in the direction of the arrow shown in the diagram, while simultaneously rotating and pulling out the reflector. To install the reflector, rotate it in the opposite direction.

Attaching the Reflector



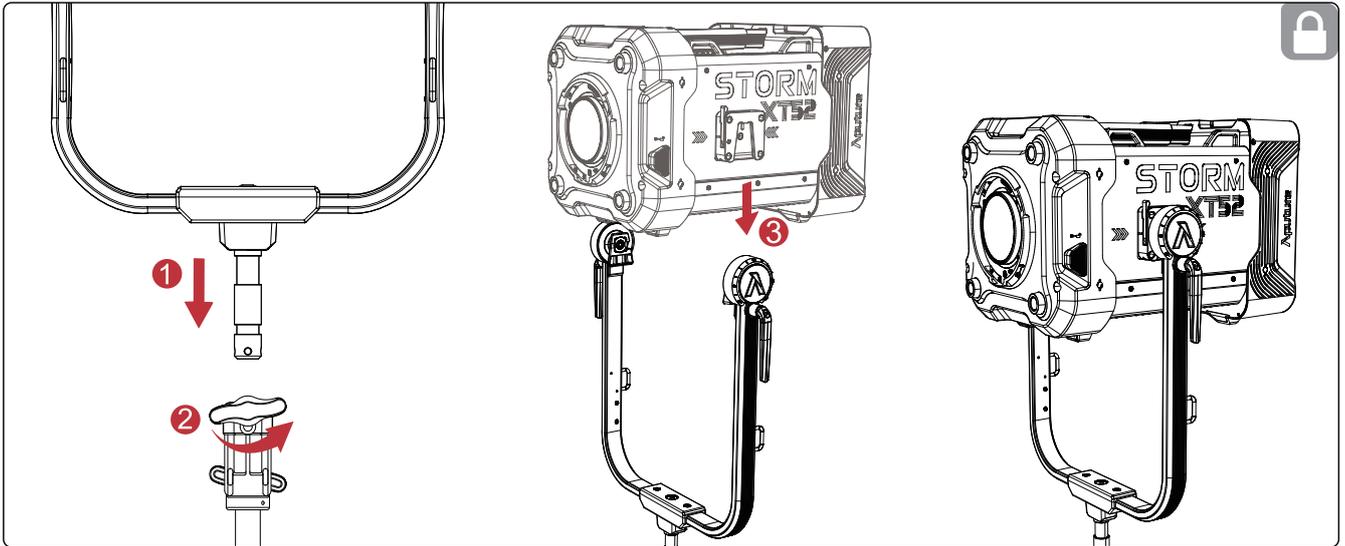
Detaching the Reflector



3. Attaching/Detaching the Yoke

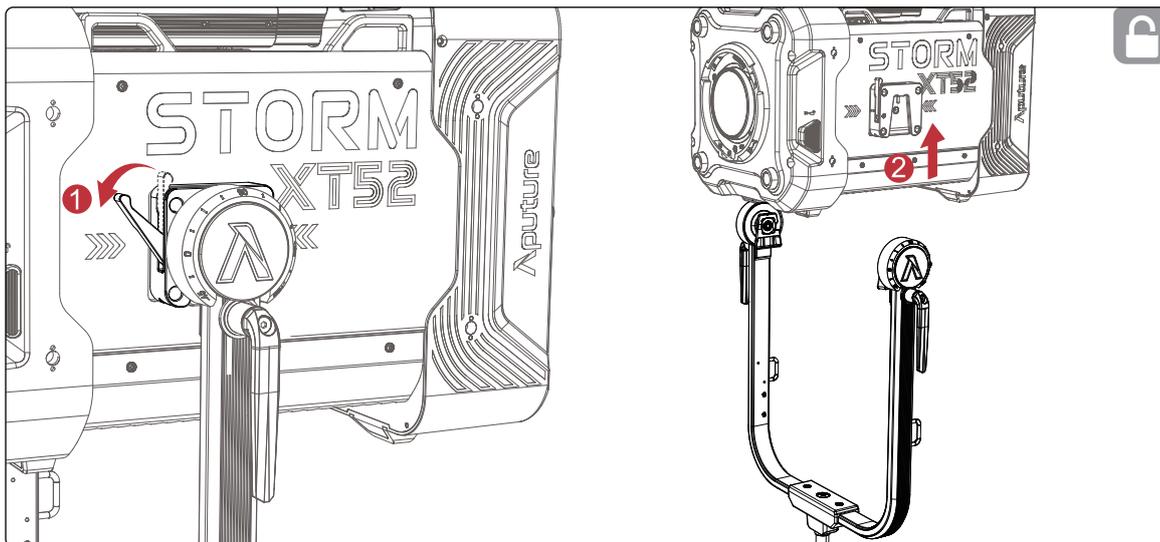
Attaching the Yoke

Insert the lamp yoke Junior Pin into a 1.125 inch / 28 mm Junior Pin receiver. Lift the lamp head, align it with the quick-release mechanism and lower the lamp head vertically to complete the installation.



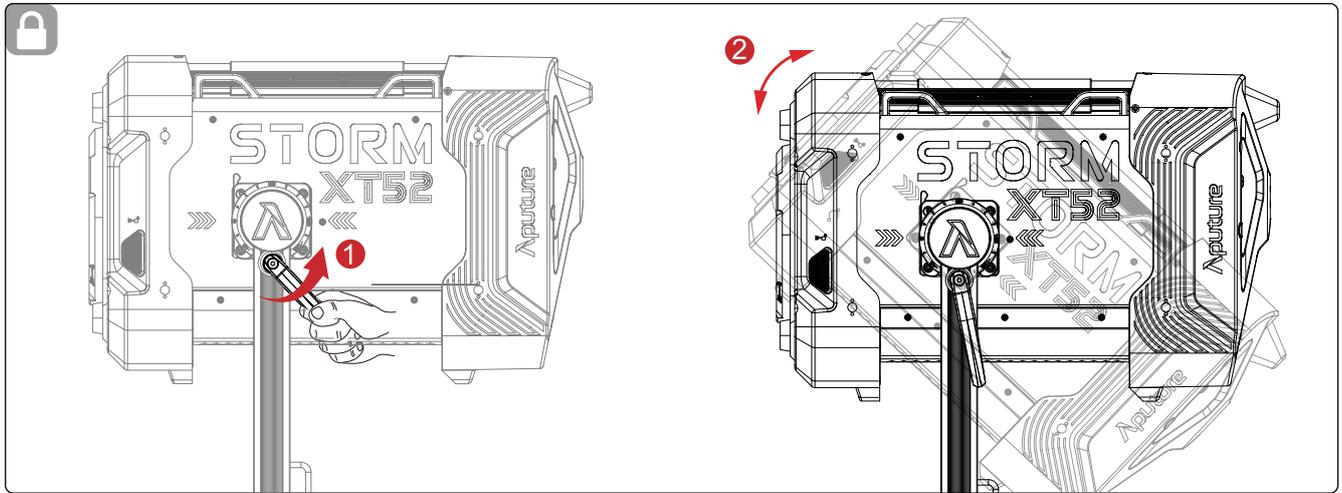
Detaching the Yoke

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.



4. Setting Up the Lamp Head

Loosen or tighten the disc brake handle on the yoke to adjust the fixture's angle of tilt.



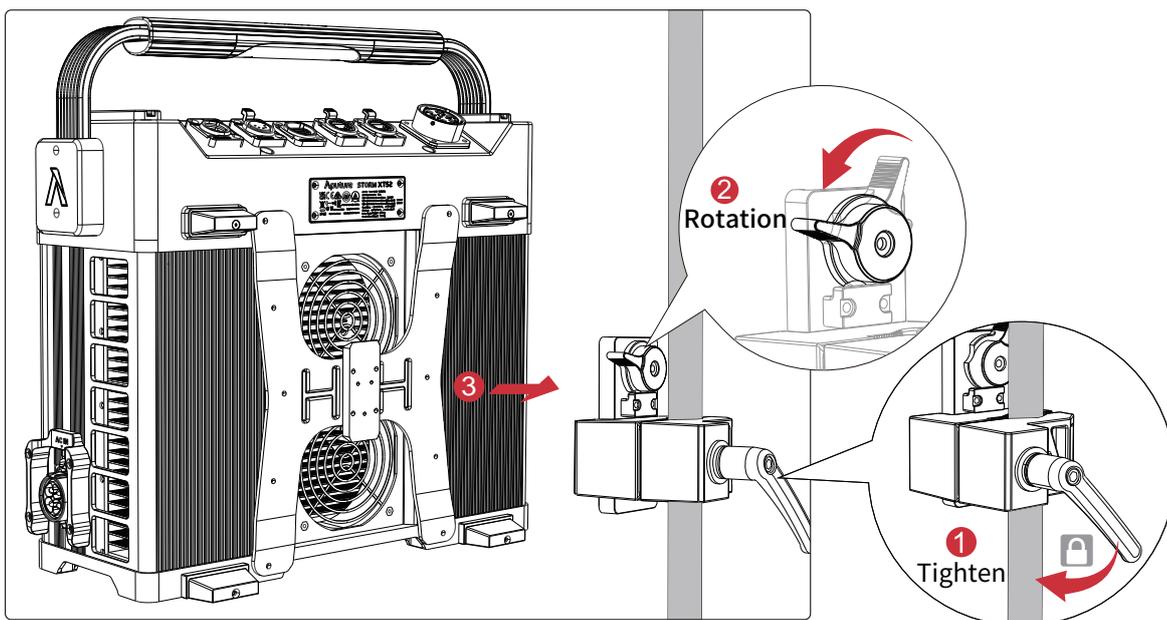
5. Using the Lightning Clamp

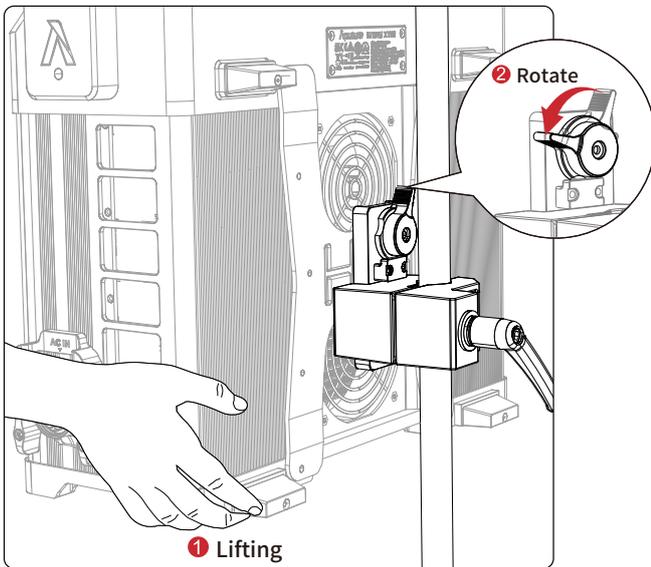
1) Attach the Lightning Clamp onto a light stand.

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.

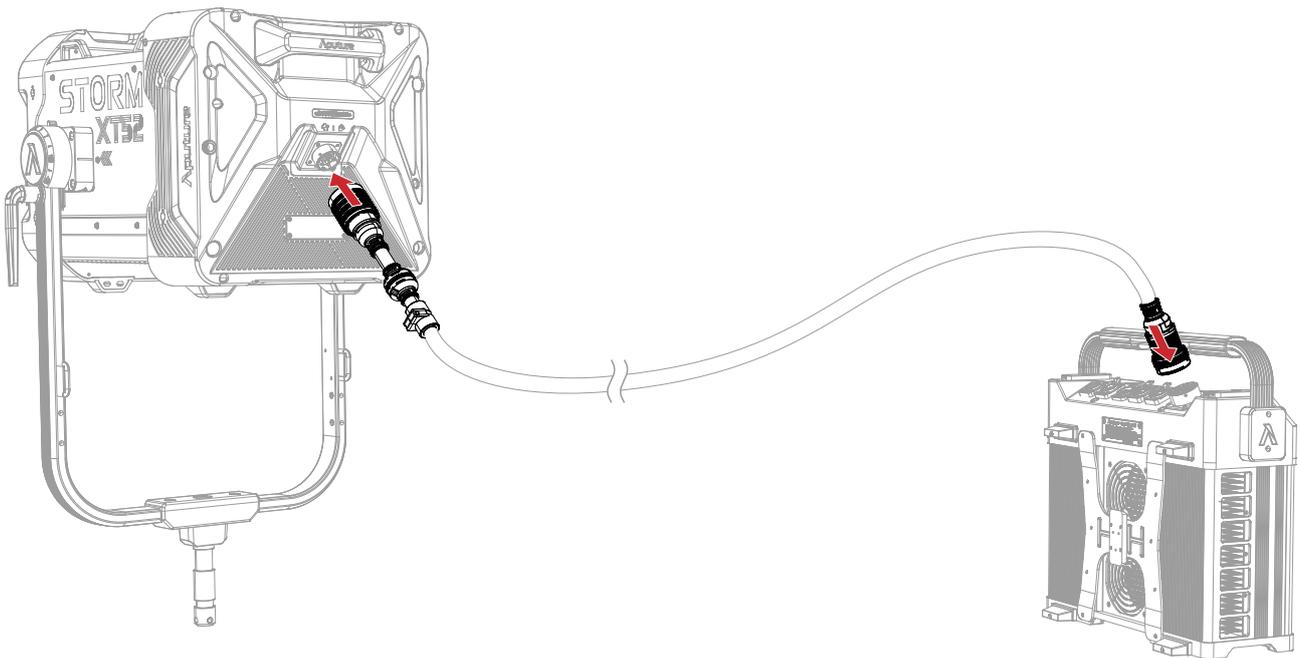
3) To remove the Control Box, grasp it firmly and unlock the quick-release plate by turning its lever.





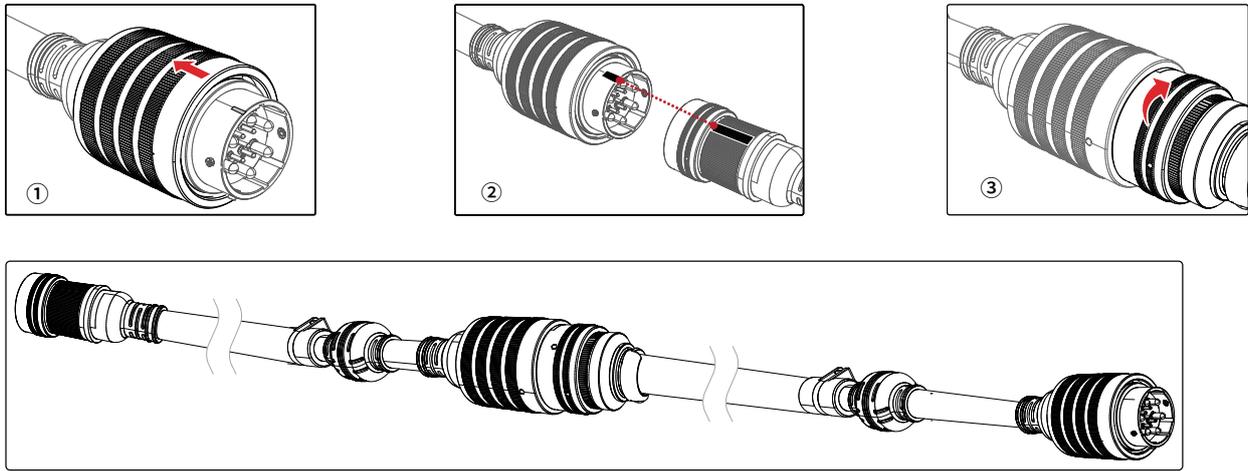
* The Lightning Clamp can attach to round or square fittings with a diameter of 2-5cm /0.79-1.97 in.

6. Connecting the Lamp Head to the Control Box



Connect the Lamp Head to the Control Box using the 7.5m Extended Head Cable.

- 1) Grip the male connector housing and pull it back.
- 2) Align the male and female connectors.
- 3) Rotate the outer shell of the female connector until you hear a "click" sound, indicating a secure connection.

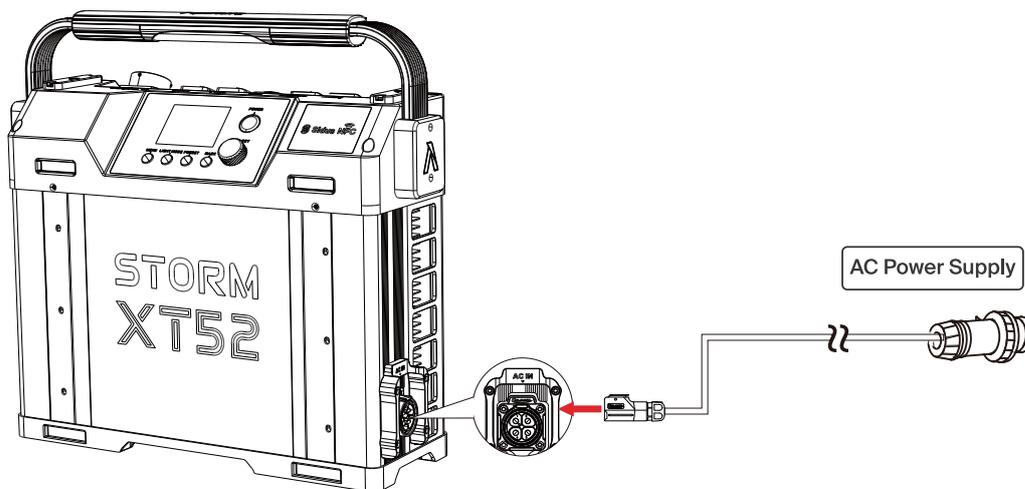


7. Powering Up the Control Box

XT52 supports a full voltage range operation from 100V to 240V.

When operating with 100V-179V AC power, the maximum power consumption is 3200W.

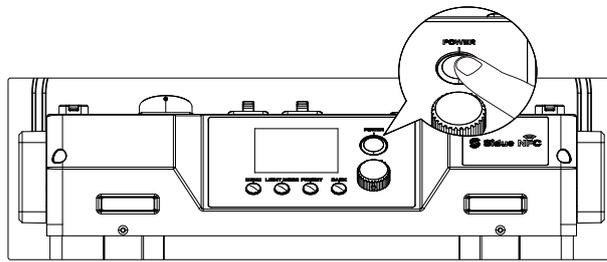
When operating with 180V-240V AC power, the maximum power consumption is 6000W (when using a 45-meter head cable).



Important Notice: Before use, please ensure that the power supply system can support the maximum power consumption of the XT52. If the actual maximum output of the power system is insufficient or if the AC output is not up to specifications, the XT52's power protection mechanism will be triggered, resulting in malfunction or inability to operate properly.

Operating Instructions

1. Powering On/Off



Fan Mode - Studio Mode
Dimming Curve - White Light Standard Mode
Lead/Follow Mode - AC Power

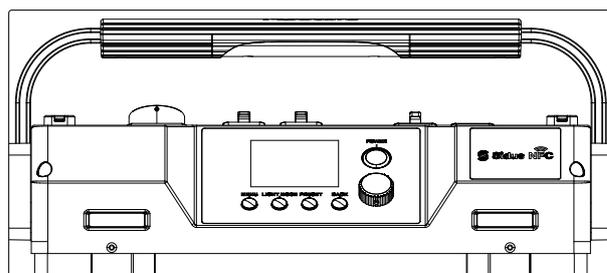
Intensity - Intensity
Color Temperature - Correlated Color Temperature
 $\pm G$ - Green/Magenta adjustment

A screenshot of the control box's LCD screen. The screen displays several settings: 'CCT' at the top left, a dimming curve icon, a DMX icon, and a CIE icon. Below these are three main control areas: 1) A horizontal slider for 'INT' (Intensity) set to 50.0%. 2) A color wheel for 'CCT' (Correlated Color Temperature) set to 5600K, with markers for 2500K and 10000K, and $\pm G$ values of -1.0 and +1.0. 3) A display for ' $\pm G$ ' set to -1.0. Red dashed lines connect the text labels on the left and right to the corresponding elements on the screen.

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

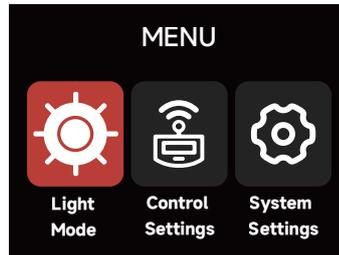
2. Manual Control of Control Box

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



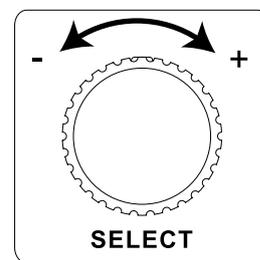
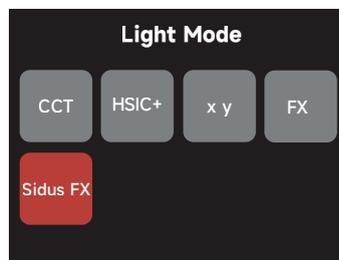
2.1 MENU

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



2.2 Accessing Lighting Modes

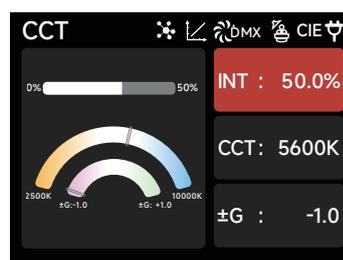
Press the Light Mode Button on the Control Box to enter the Light Mode interface. Choose between CCT,HSIC+, xy, FX, and Sidus FX Modes.



**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.*

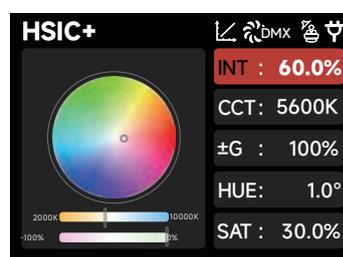
2.2.1 CCT Mode

Adjust the Color Temperature (2500K-10000K) and the \pm Green level (-1.00 through +1.00).



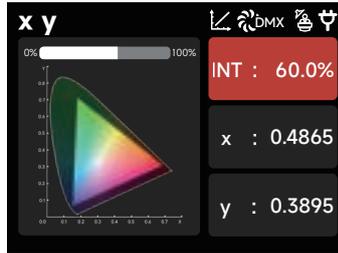
2.2.2 HSIC+ Mode

Adjust the intensity (0-100%), Color Temperature (2500K-10000K), \pm Green level (-100% - +100%) and Hue / Saturation.



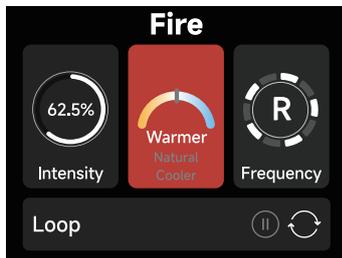
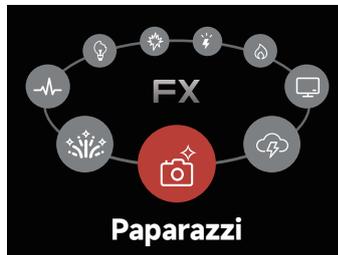
2.2.3 xy Mode

Set the x coordinate value (0.1550-0.6815), y coordinate value (0.0300-0.5500) and the Intensity.



2.2.4 FX Mode

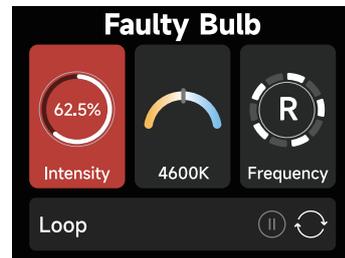
Select between FX modes: Paparazzi / Fireworks / Faulty Bulb / Lightning / TV / Pulsing / Strobe / Explosion / Fire.



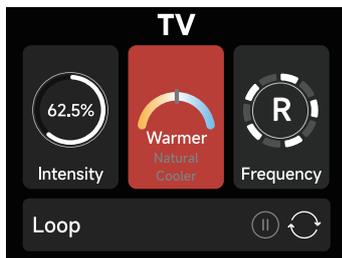
Fire Mode



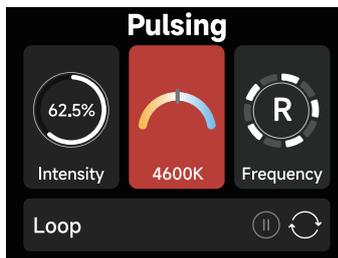
Paparazzi Mode



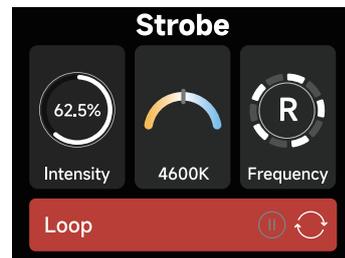
Faulty Bulb Mode



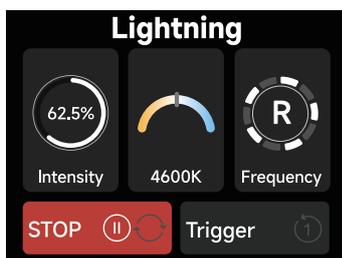
TV Mode



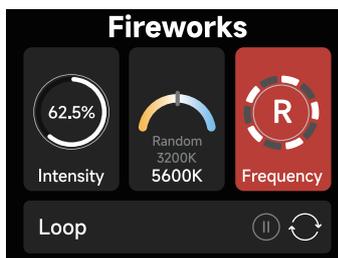
Pulsing Mode



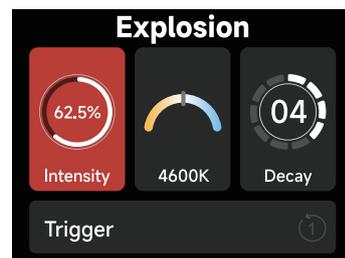
Strobe Mode



Lightning Mode



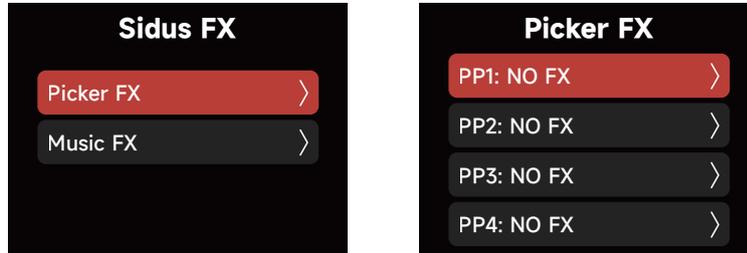
Fireworks Mode



Explosion Mode

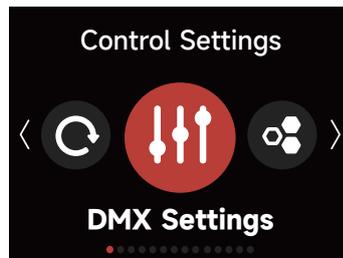
2.2.5 Sidus FX Mode

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.



2.3 Control Settings

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

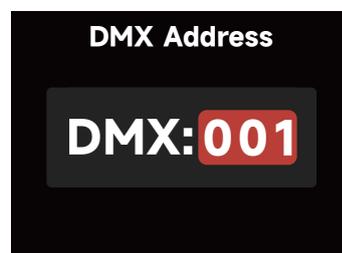


2.3.1 DMX Settings

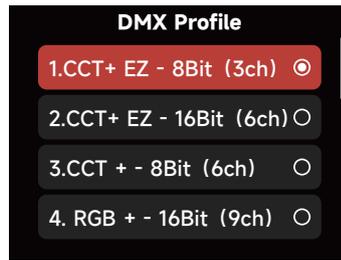
(1) DMX Status Screen: Displays DMX data status, the DMX address, the DMX Profile being used, the CRMX Signal Strength, Fan Mode, Dimming Curve, Studio Mode in use, Output Mode and Power Status.



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



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



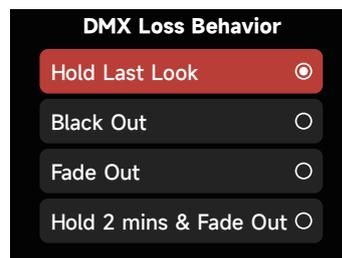
(4) **DMX Loss Behavior -** Choose from the following options:

I. **Hold Last Look:** When DMX signal is lost, DMX values will be retained until signal is regained.

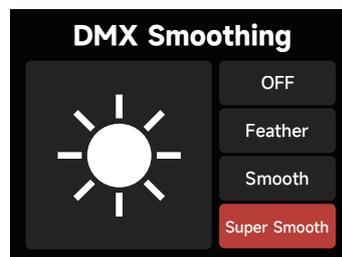
II. **Black Out:** When DMX signal is lost, the light will black out.

III. **Fade to Black:** When DMX signal is lost, the light will wait for 60 seconds before fading to black.

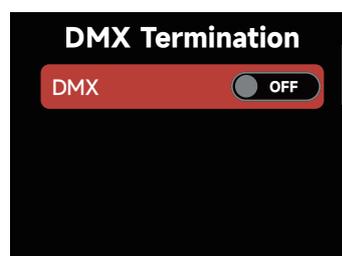
IV. **Hold 2 min.& Fade Out:** When DMX signal is lost, the DMX values are retained for two minutes before fading out over a duration of 60 seconds.



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

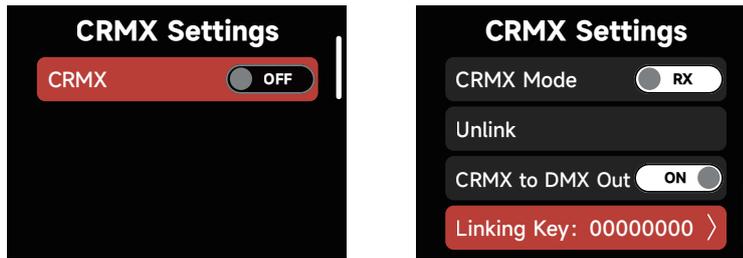


(6) **DMX Termination:** Turn ON (to help with DMX signal reflection) or OFF.

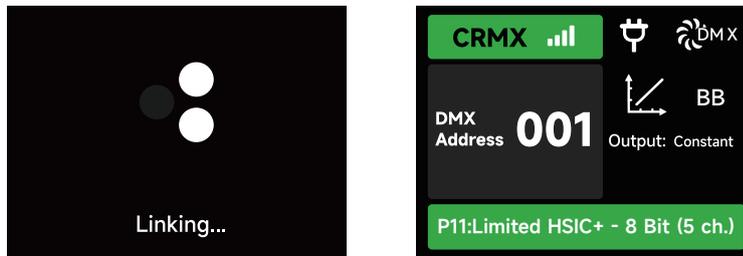


2.3.2 CRMX Setting

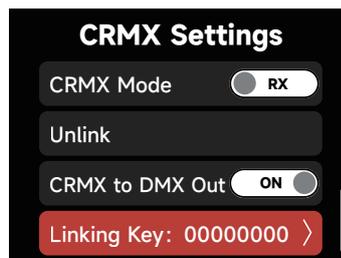
Turn CRMX ON or OFF.



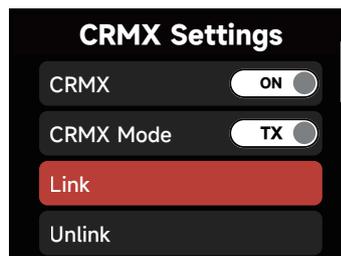
(1) When CRMX is ON, the fixture will listen for its previously linked Transmitter. If the fixture is currently unlinked, it will listen for a Transmitter link signal and link to any new CRMX link signal. Users can Unlink from previously linked Transmitters by selecting Unlink. Once a CRMX Link is established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



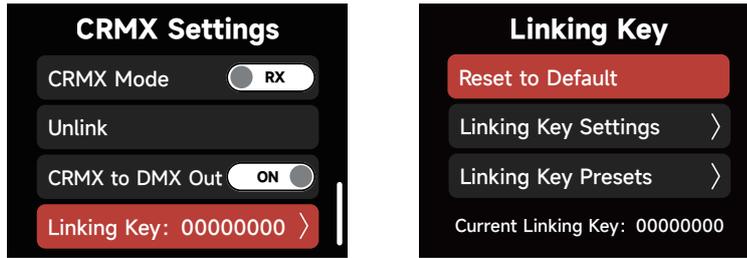
(2) When in CRMX RX Mode, if CRMX to DMX Out is "ON", DMX data is pushed out of the DMX Out Port. If CRMX to DMX Out is "OFF", no data is pushed out of the DMX Out Port.



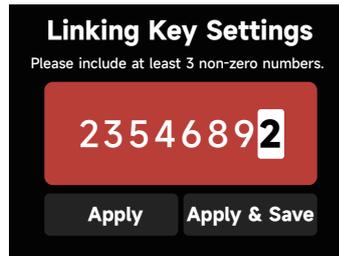
(3) When utilizing CRMX TX Mode, the Control Box can transmit DMX data to CRMX receivers.



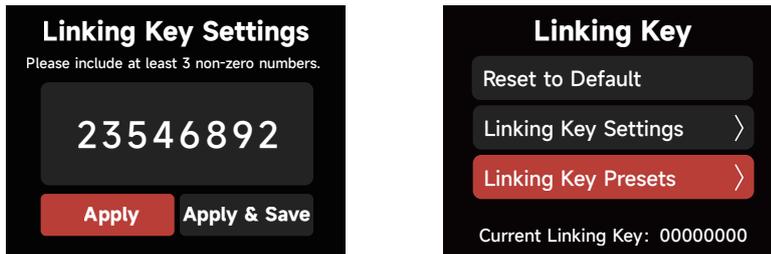
(4) While acting as a CRMX TX, the Control Box can have a Linking Key for RX's to link to.



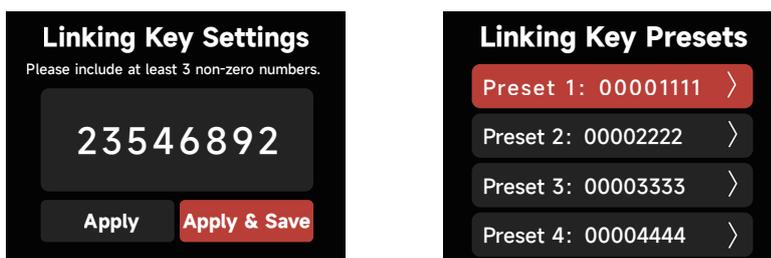
a. In the Linking Key interface, choose an 8 digit number to be the Linking Key. Three digits cannot be "0".



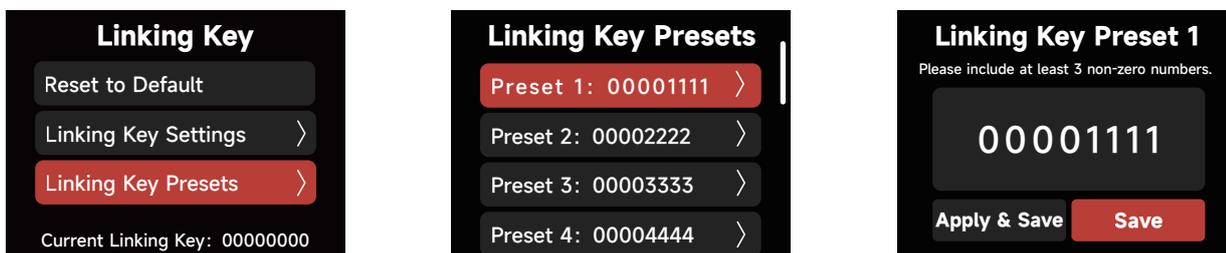
b. Choose "Apply" to set the Linking Key. Presets can be saved for future use by selecting "Apply & Save".



c. Save 10 Presets in total.



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".



(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.



Signal Strength



b. CRMX Signal is good and DMX data is present



c. No DMX data present.

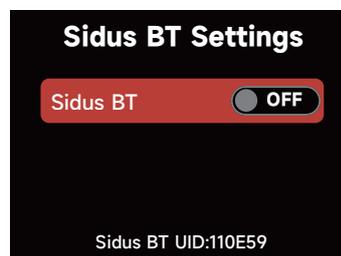
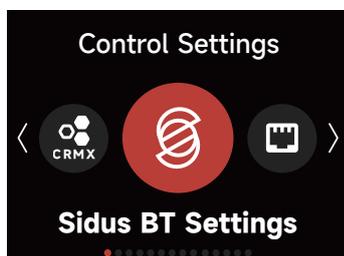


d. The Control Box CRMX RX is out of range of its TX. Check that the TX is powered On and within range.

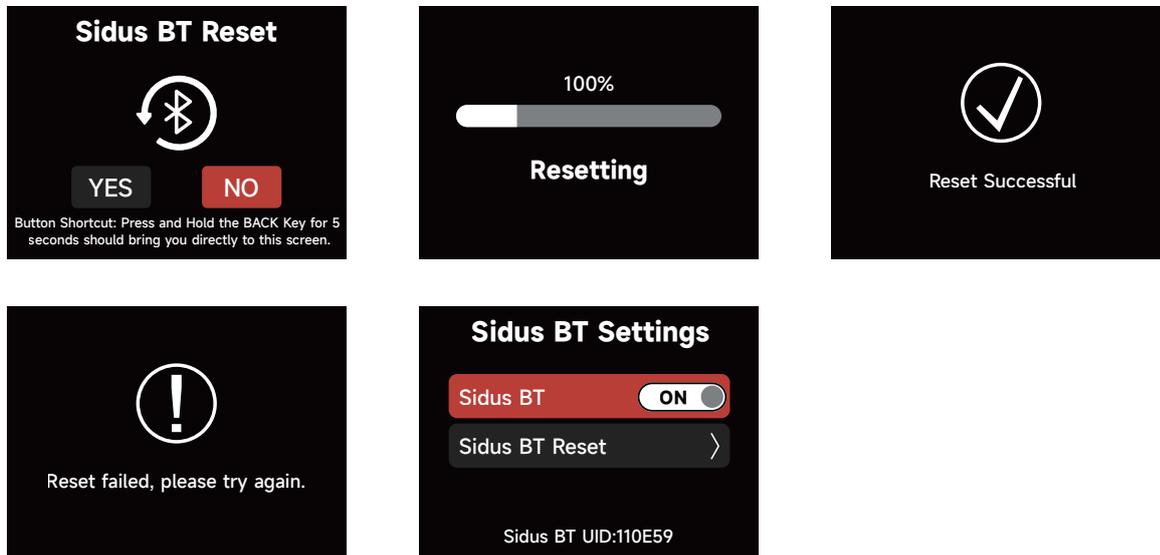


2.3.3 Sidus BT Settings

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

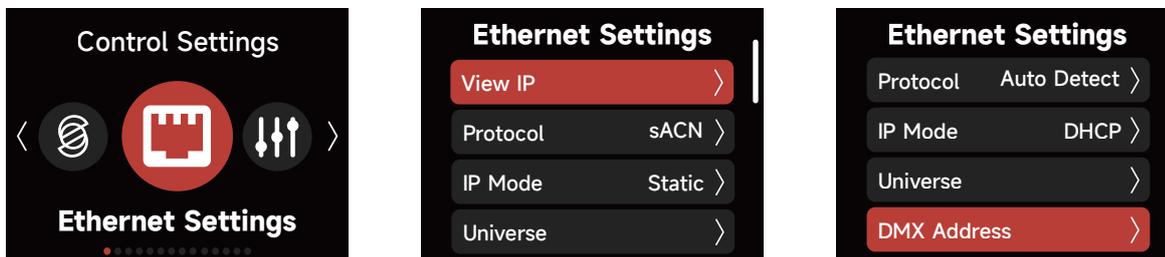


(2) When Sidus BT is ON: The Sidus BT UID is displayed here to facilitate connecting with the Sidus Link Pro and Sidus Link Apps. Use Sidus BT Reset to allow your Sidus Link device to connect with a new controller. If Sidus BT fails to reset, a "Reset Failed" warning will pop up before returning to the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



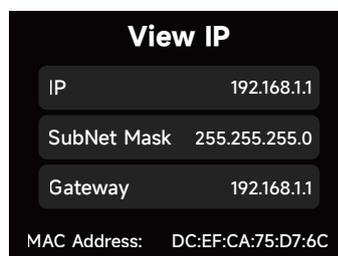
2.3.4 Ethernet Settings

View and edit Ethernet Settings.



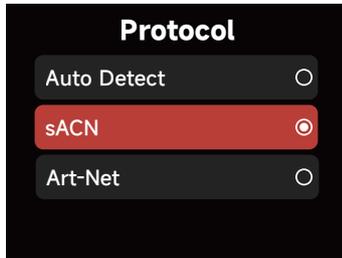
2.3.4.1 View IP

View the IP Address, Subnet Mask, Gateway IP and the MAC Address of the Control Box.



2.3.4.2 Protocol

Select the Control Protocol for this Control Box to listen to. Choose between Auto, Art-Net or sACN.



(a) **Automatic:** Identifies the Control Protocol automatically.

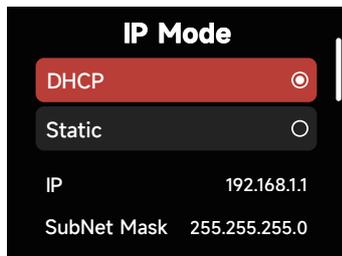
(b) **Art-Net:** Recognizes the Art-Net Protocol only and ignores sACN.

(c) **sACN:** Recognizes the sACN Protocol only and ignores Art-Net.

2.3.4.3 IP Mode

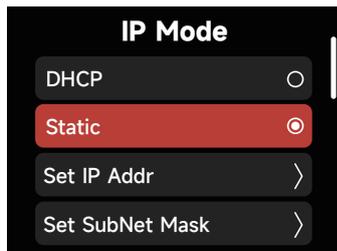
(1) IP Mode DHCP:

The fixture will automatically receive an IP address from the DHCP server. When in DHCP IP Mode, the IP Address, Subnet Mask and Gateway IP Address cannot be edited.

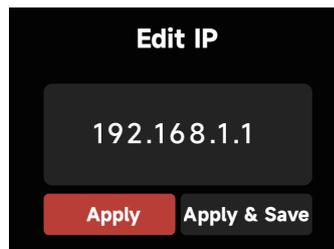
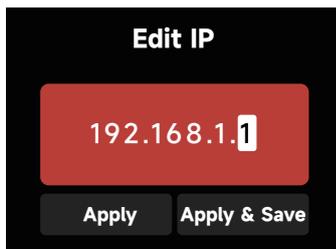


(2) IP Mode Static:

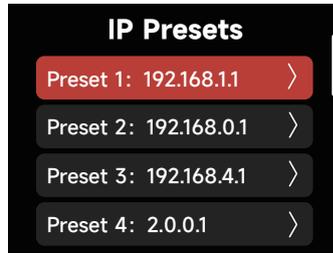
Manually set the IP address, Subnet Mask and the Gateway IP address.



a. In the Presets interface, Select a Preset to edit or apply.

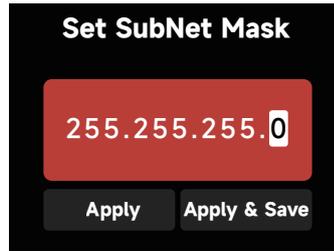


Presets can be edited and saved without applying them to the Control Box's current IP settings. (save 10 IP Presets in total)

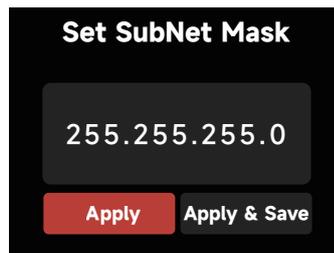


b. Set SubNet Mask

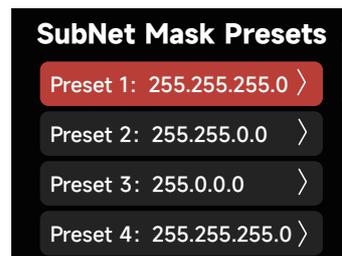
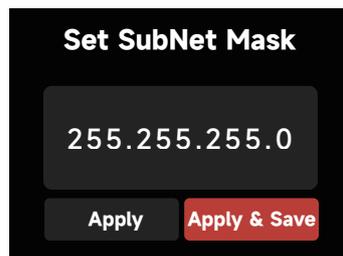
Using the Select Wheel, edit the SubNet Mask information for the Control Box. Use the "BACK Button" to Exit the interface.



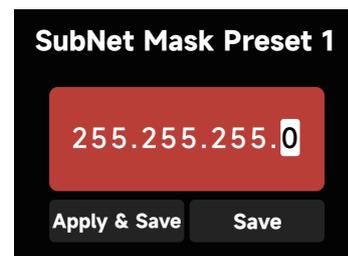
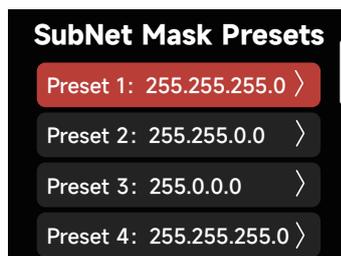
Presets can be saved for future use by selecting "Apply & Save".



Presets can be edited and saved without applying them to the Control Box's current IP settings. (save 10 SubNet Mask Presets in total)



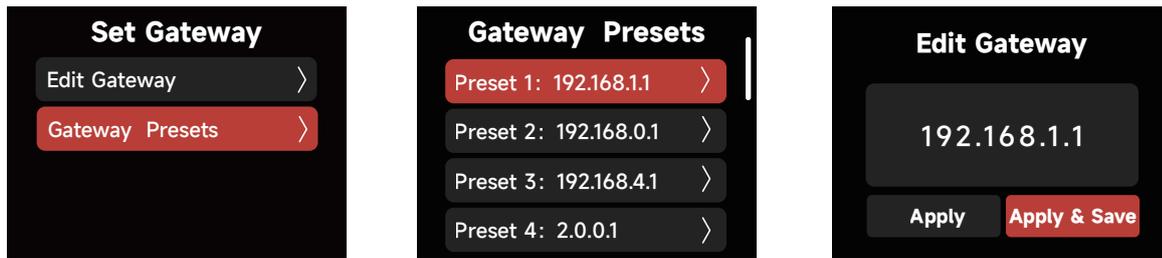
In the Presets interface, Select a Preset to edit or apply.



c. In the Presets interface, Select a Preset to edit or apply

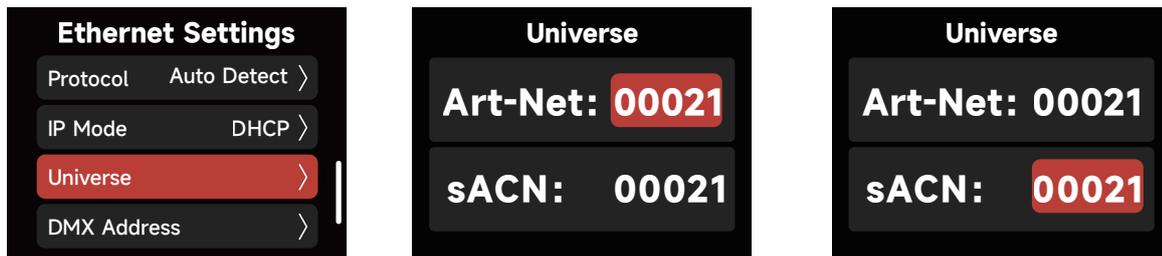


Presets can be edited and saved without applying them to the Control Box's current IP settings.



2.3.4.4 Universe

Set the Universe of Art-Net and sACN: Art-Net (00000-32767), sACN (00001-63999).



2.3.4.5 DMX Address: Set the DMX Address

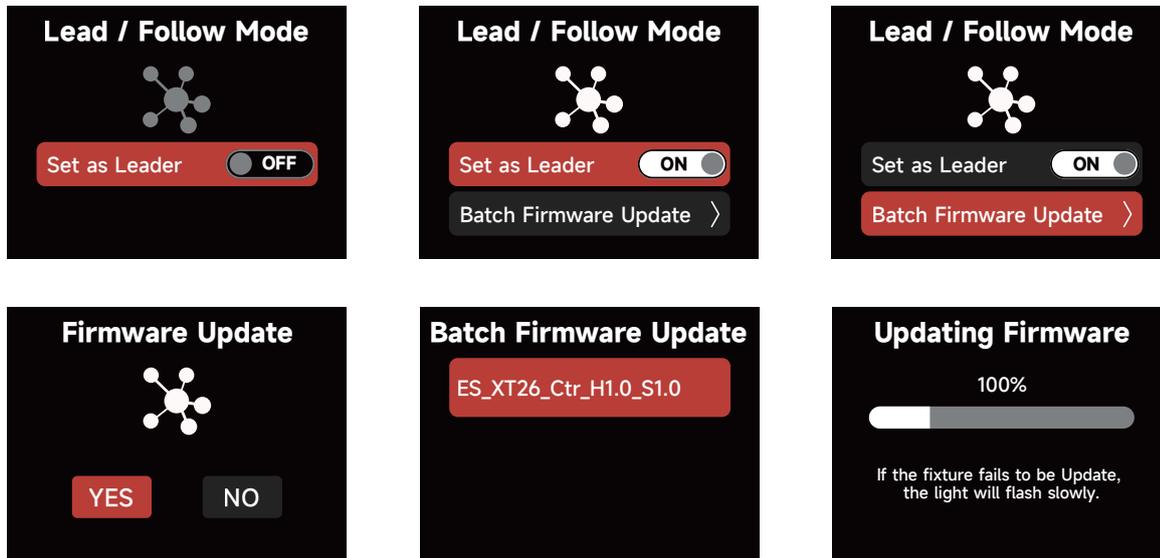


2.3.5 Lead/Follow Mode

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.

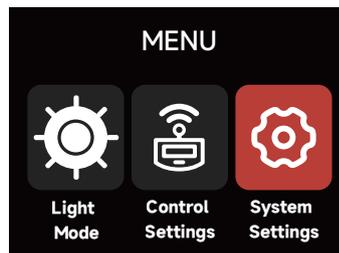
Batch upgrades of the firmware from a USB drive in the Leader's port is also possible.



* The leader fixture should be connected with the followers via DMX to enable this function.

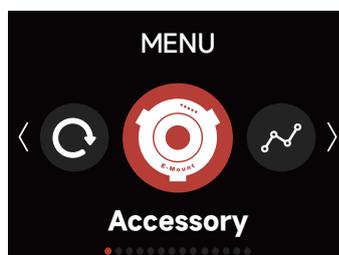
2.4 System Settings

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

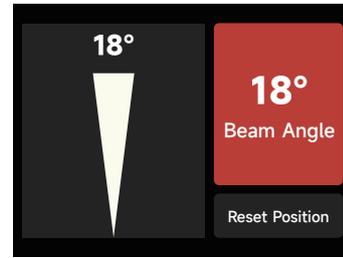
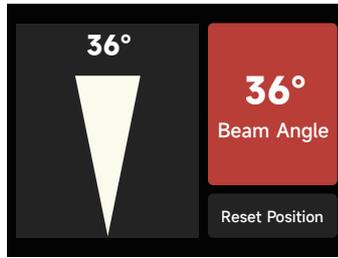
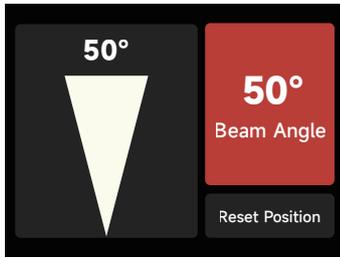


2.4.1 Accessory

Press the MENU button to enter the menu, rotate the Select knob and press briefly to enter "Accessories." In the Accessories menu, you can set the motorized Fresnel and view the optical accessory information.



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

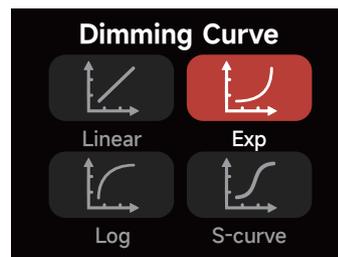
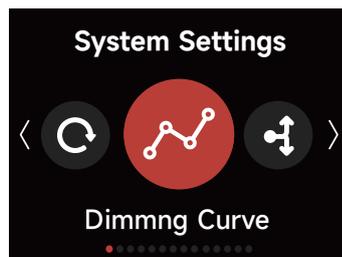


(2) Optical Accessories: When utilizing an Optical Aputure-Mount Accessory, the type of accessory can be viewed in the "Optical Accessories" window. The following accessories are available: Narrow-angle reflector, Medium-angle reflector, Wide-angle reflector, Barn Door adapter, AM Light Dome 150 and AM Lantern 120.

** Except for the Medium-angle reflector included in the package, other accessories need to be purchased separately.*

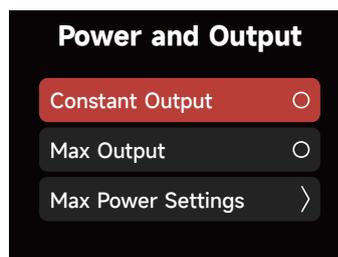
2.4.2 Dimming Curve

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



2.4.3 Power and Output

settings interface. In the output settings, you can make the following adjustments:



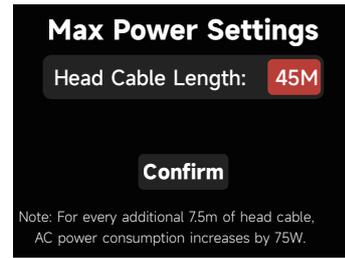
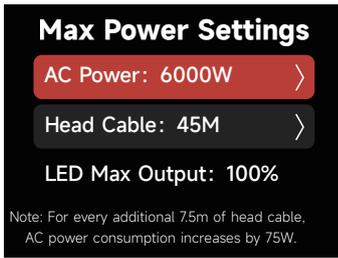
1) Constant Output: The lamp's brightness is kept consistent throughout the color temperature range.

2) Max Output: The lamp's brightness is prioritized throughout the color temperature range.

3) Power and Output: Set the maximum output power of the fixture according to the output capacity of the power supply system.

In the maximum power settings interface, you can set the fixture's maximum AC power consumption and choose the length of the lamp head connection cable. The fixture will

automatically limit the maximum LED power output to ensure the stability of the power supply system.



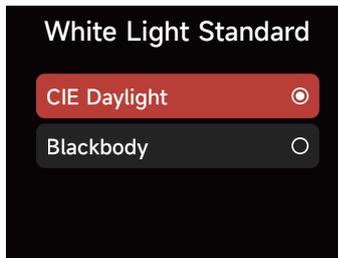
2.4.4 White Light Standard

(1) CIE Daylight: Meets the Sunlight Standard

(5000K-10000K, Duv is controlled at 0.0020~0.0040).

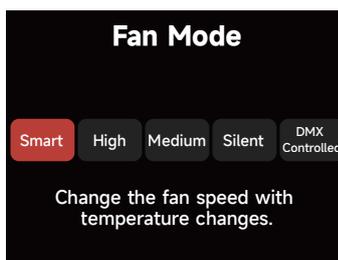
(2) Blackbody: Meets the Blackbody Luminescence Standard

(Duv is controlled near the blackbody trajectory line).



2.4.5 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 50°C/122°F environment. The lamp will automatically adjust the fan speed according to different ambient temperatures.

2) High: Able to work in -20°C/-4°F through 45°C/113°F environment.

The fan will maintain its highest speed.

**In High-Speed Mode, the fan uses the High Fan setting.*

3) Medium: Capable of working in -20°C/-4°F through 35°C/95°F environments.

Medium is the slowest speed possible for Maximum Output.

4) **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 600W.

5) **DMX Controlled:** Fan listens to the settings sent by the lighting console.

See the STORM 1200x DMX Chart for details.

2.4.6 Studio Mode

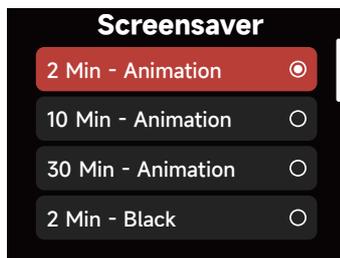
When Studio Mode is ON, the fixture will power on when connected to live power.

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



2.4.7 Screensaver

Select the Screensaver time and display behavior.



2.4.8 Language

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



2.4.9 Product Information

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

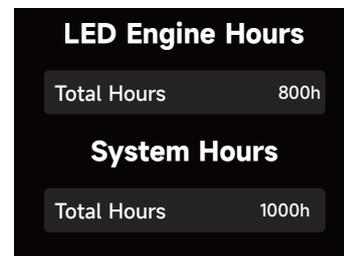
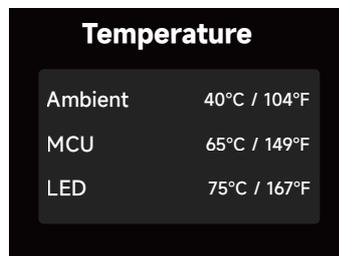
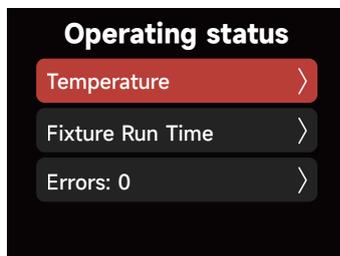
1) **Firmware Version:** Display the Firmware Version of the Control Box and attached Lamp Head.

2) **SN:** Serial Number

3) Sidus BT ID.

4) **Hardware Version:** Display the hardware versions of the Control Box and attached Lamp Head.

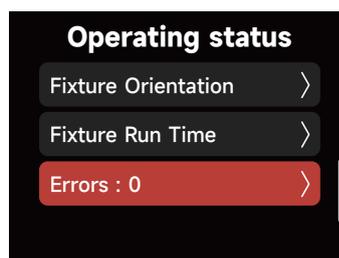
5) **Operating status:** Display the Temperature, Control Box and attached Lamp Head Run Time and any Error Code.



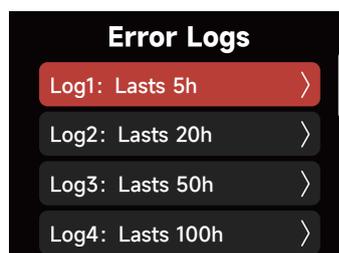
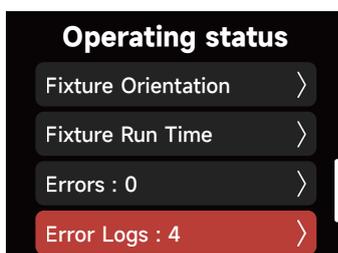
Errors are divided into two categories:

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.

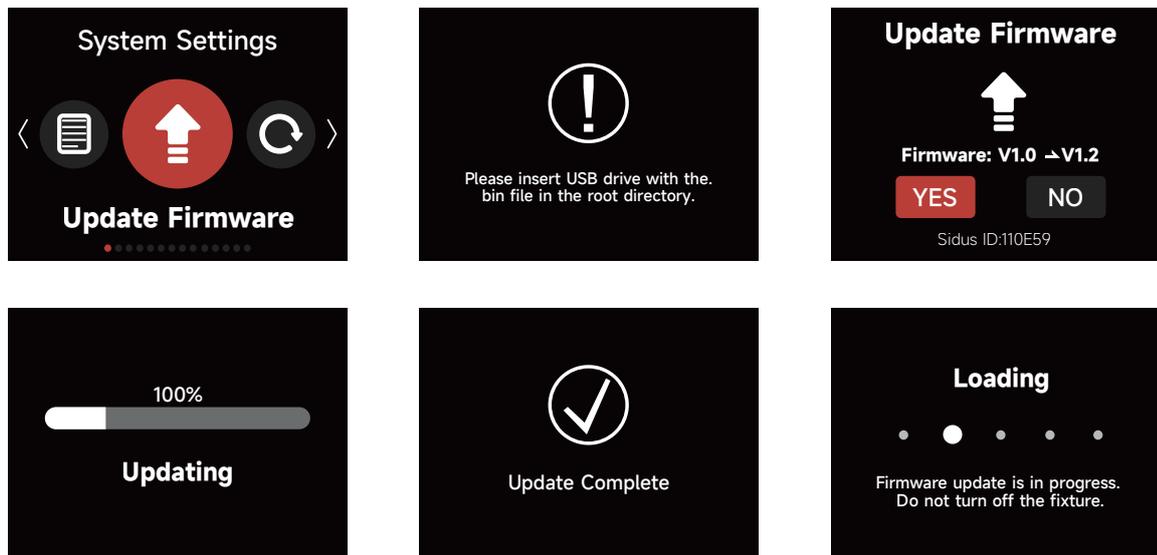


c. **Error Log:** Corresponding sensor data for each error, enabling quick and accurate fault diagnosis.



2.4.10 Firmware Update

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.

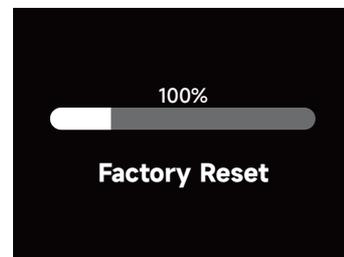
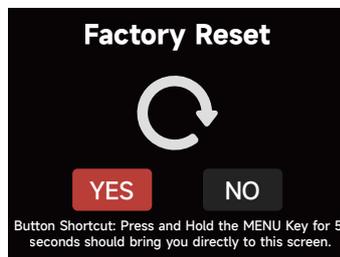
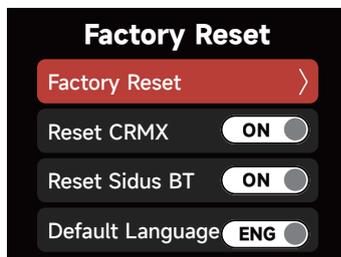


2.4.11 Factory Reset

To Factory Reset your fixture, first select if the fixture should have the CRMX and the Sidus BT Settings reset. Also select the default language, then select “YES”. Select "NO" to cancel. Choose to Reset CRMX, Reset Sidus BT, Default Language. Hold the Menu button for 5 seconds to initiate the Factory Reset Shortcut.

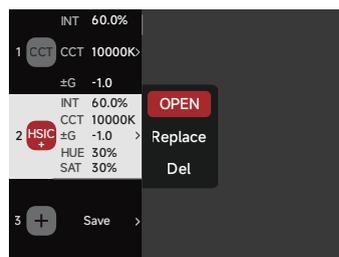
Factory Settings	
Light Mode	CCT; Color Temperature : 3200K
Intensity	0
Output Mode	Maximum Output
Lead/Follow Mode	Off
High-Speed Mode	Off
Screensaver	30 Minutes
White Light Standard	CIE Daylight
Fan Mode	Smart

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
Ethernet	sACN, IP address : 192.168.2.16, Gateway: 192.168.2.1, Universe : 001



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 Status Indicator Icons

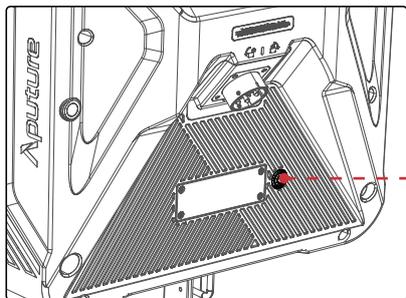
Lead/Follow Mode: Follower		Sidus BT Enabled	
Lead/Follow Mode: Leader		Receiving CRMX data	
Fan Mode: Silent		CRMX connected, no DMX data	

Fan Mode: High		Connected to CRMX, no transmitter found	
Fan Mode: Medium		Ethernet	
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		Head Cable Length	

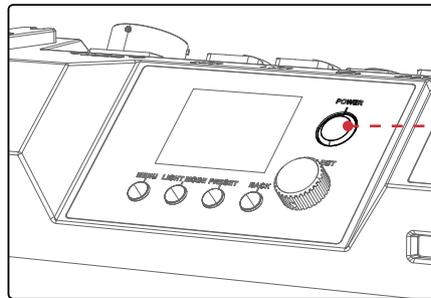
2.7 Status Indicator Light

Building on the error codes, the XT52 adds status indicators that allow users to observe and assess the fixture's status from a distance.

Indicator	Status	Description
Control Box Indicator	Off	Control box power is not connected, or the control box power supply is damaged
	Red	Control box power is normal, but the control unit is malfunctioning
	Green	Control box power is normal, and the control unit is functioning normally
	Orange	Control box power is normal, but the control unit has detected a product fault
Lamp Head Indicator	Off	Lamp head power is not connected, or the lamp head power supply is damaged
	Red	Lamp head power is normal, but the lamp head control unit is malfunctioning
	Green	Lamp head power is normal, and the lamp head is functioning normally
	Orange	Lamp head power is normal, but the control unit has detected a product fault



Lamp Head Indicator



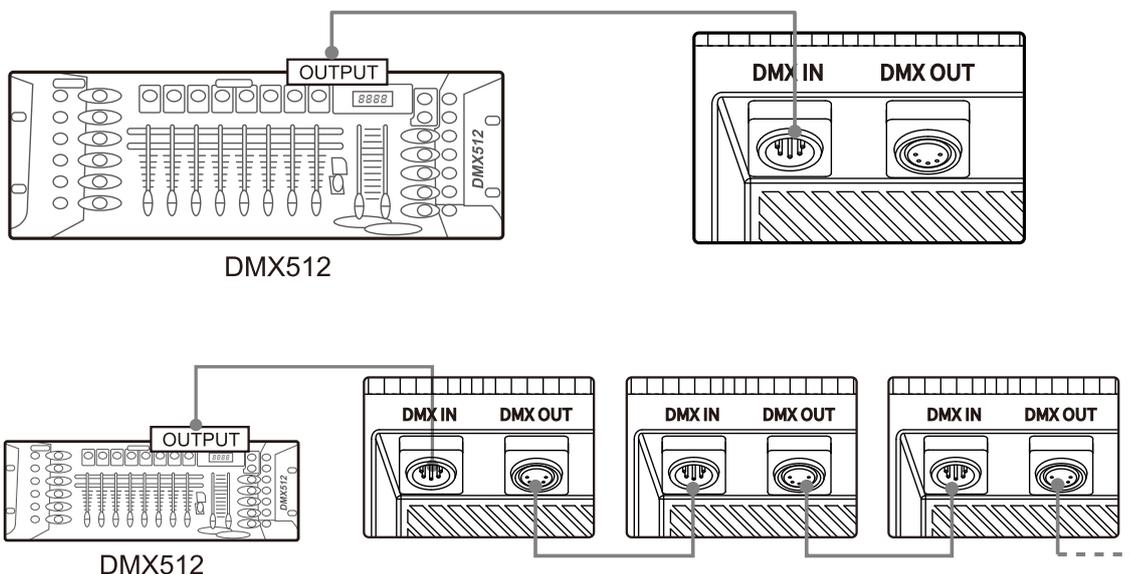
Control Box Indicator

2.8 Shortcut Button

Operation	Description
Long press MENU for 5 seconds	Factory Reset
Long press BACK for 5 seconds	Sidus BT Rest
In the MENU interface, short press BACK	Returns the current control source

3. Control with a DMX Console

Connect the Lighting Console to the STORM XT52 Control Box DMX IN Port:



4. Controlling via DMX

The STORM XT52 supports several DMX profiles. Please download the DMX Chart on the official website (<https://aputure.com>) to view detailed configurations.

5. Sidus Link Pro and Sidus Link

Visit Aputure.com for more details on enhancing the Aputure experience with these Apps.



**Sidus Link
& Sidus Link Pro**

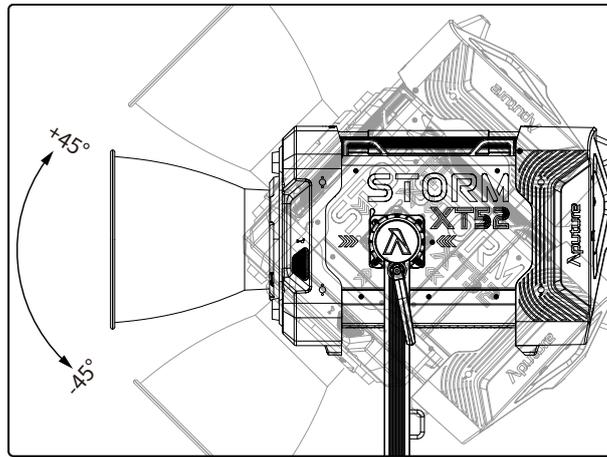


<https://help.sidus.link/>

Product Specifications

Power Consumption (Max)	100-179V: 3200W	Lamp Head Power Consumption(Max)	5200W
	180-240V: 6000W		
Voltage Input Range	100-240VAC	Operating Current	32A
CCT Range	2500K-10000K	Cooling Method	Air Cooling+Liquid Cooling
CQS (3200K)	95	Operating Temperature	-20°C ~50°C
CQS (5600K)	96	Storage Temperature	-40°C ~80°C
SSI (D32)	86	Product Noise (1m)	Fan Medium Speed: 45.4dBA @45°C
SSI (D56)	86		Fan High Speed: 51.7dBA @45°C
CRI (Average)	≥96		Fan High Speed: 56 dBA @50°C
TLCI (Average)	≥96 (3200K+)	IP Rating	IP65
TM30 Rf (Average)	96	Bluetooth Wireless Range	≤100m
TM30 Rg (Average)	101	CRMX Wireless Range	≤100m
Control Methods	On-board, Sidus Link Pro/Sidus Link App, DMX/RDM, CRMX & Art-Net/sACN		
Size (length x width x height)	Lamp Head (without yoke)		55.0 × 35.3 × 36.2 cm
	Lamp Head (with yoke)		55.0 × 54.1 × 83.0 cm
	Control Box		41.1 × 15.95 × 38.8 cm
Weight	Lamp Head	27.8Kg	
	Control Box	13.4Kg	

** Damage to the Lamp Head or Control Box from moisture is not covered under the warranty. If the STORM XT52 is used in a heavy rain, it is recommended to use the tilt angle range of the lamp head as shown below:*



Photometrics

White Light Standard: Black Body(Unit:Lux)						
CCT	Distance	Bare Light	Reflectors			
			AM81120	AM81125	AM81135	AM81150
2500K	3m	15950	/	151200	90900	47800
	5m	5990	93200	52500	31300	17500
	10m	1524	20990	13000	7490	4250
3200K	3m	19170	/	182300	109900	57800
	5m	7200	112300	63400	37800	21140
	10m	1834	25280	15680	9010	5130
4300K	3m	22830	/	218800	131300	69300
	5m	8620	134500	75900	45300	25340
	10m	2198	30300	18790	10810	6140
5600K	3m	22530	/	214600	129400	68200
	5m	8460	132300	74700	44600	24900
	10m	2157	29700	18460	10610	6030
6500K	3m	22020	/	210000	126700	66800
	5m	8280	129500	73000	43600	24410
	10m	2112	29100	18090	10400	5900
7500K	3m	20910	/	199200	120200	63300
	5m	7850	122700	69100	41400	23110
	10m	1992	27600	17150	9850	5590
10000K	3m	17140	/	163000	98600	51900
	5m	6420	100600	56800	33900	18970
	10m	1627	22530	14020	8060	4560

White Light Standard: Black Body(Unit:Lux)				
CCT	Distance	CF16 Fresnel		Parallel Beam 70
		Spot 18°	Flood 50°	
3200K	3m	151000	26760	/
	5m	56000	10310	77100
	10m	14280	2750	36200
5600K	3m	177500	31700	/
	5m	65900	12170	91000
	10m	16770	3230	42700

**The brightness data is average data, 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.