

INFINIMAT

Product Manual V1.1

English

Table of Contents

| | |
|--|----|
| Introduction | 05 |
| Components List..... | 06 |
| Product Overview..... | 15 |
| Aputure INFINIMAT (1×2, 1×4, 2×4, 4×4)..... | 15 |
| Aputure INFINIMAT Inflatable Softbox | 16 |
| Aputure INFINIMAT Control Grid | 17 |
| Aputure INFINIMAT Control Skirt | 17 |
| Aputure INFINIMAT Carbon Fiber Mounting Bracket (1×2, 1×4, 2×4, 4×4) | 18 |
| Aputure INFINIMAT Control Box 400W..... | 19 |
| Aputure INFINIMAT Control Box 1600W | 20 |
| INFINIMAT Mounting Clamps | 21 |
| Aputure K-Mount Arm w/ Straight 5/8" Pin | 21 |
| Aputure K-Mount Mounting Clamp | 21 |
| INFINIMAT Air Pumps | 22 |
| Aputure INFINIMAT Air Pump Mini | 22 |
| Aputure INFINIMAT Air Pump MAX | 22 |
| Setup | 23 |
| 1. Assembling the INFINIMAT..... | 23 |
| 2. Using the Aputure INFINIMAT Air Pump Mini..... | 26 |
| 3. Attaching the Aputure INFINIMAT Inflatable Softbox (1×2, 1×4, 2×4, 4×4) | 27 |
| 4. Attaching the Aputure INFINIMAT Control Grid (1×2, 1×4, 2×4, 4×4)..... | 29 |
| 5. Attaching the Aputure INFINIMAT Control Skirt (1×2, 1×4, 2×4, 4×4) | 29 |
| 6. Attaching K-Mount Mounting Clamp to Control Box 400W..... | 30 |
| 7. Connecting the INFINIMAT(s) to the Control Box 400W..... | 30 |
| 8. Aputure INFINIMAT Control Box 400W: Through Power AC Power | 31 |
| 9. Aputure INFINIMAT Control Box 400W: V-Mount & Gold Mount Battery Power Options | 32 |
| 10. Installation and Disassembly of the Control Box 1600w Dolly (*sold separately) | 32 |
| 11. Connecting the INFINIMAT(s) to the Control Box 1600W..... | 34 |
| Operating Instructions..... | 35 |

| | |
|---|----|
| 1. Powering On/Off..... | 35 |
| 2. Manual Control with the Control Box..... | 36 |
| 2.1 Light Mode..... | 36 |
| 2.1.1 CCT..... | 36 |
| 2.1.2 HSIC+ | 36 |
| 2.1.3 RGB..... | 37 |
| 2.1.4 GEL..... | 37 |
| 2.1.5 Source | 37 |
| 2.1.6 xy..... | 38 |
| 2.1.7 FX | 38 |
| 2.1.8 Zone..... | 38 |
| 2.2 Control Settings | 39 |
| 2.2.1 DMX Settings | 40 |
| 2.2.2 CRMX | 42 |
| 2.2.3 Sidus BT Settings..... | 44 |
| 2.2.4 Ethernet Settings | 45 |
| 2.2.5 Dimming Curve..... | 47 |
| 2.2.6 Output Settings..... | 48 |
| 2.2.7 Lead/Follow Mode..... | 48 |
| 2.2.8 Fan Mode | 49 |
| 2.2.9 Studio Mode | 50 |
| 2.2.10 Screensaver..... | 50 |
| 2.2.11 Language..... | 50 |
| 2.2.12 Product Info | 51 |
| 2.2.13 Update Firmware..... | 52 |
| 2.2.14 Factory Reset..... | 52 |
| 2. 3 Presets..... | 53 |
| Control with a DMX Console | 54 |
| Controlling via DMX..... | 55 |
| Sidus Link Pro and Sidus Link..... | 55 |
| Product Specifications | 56 |
| Photometric Data | 63 |

| | |
|---|----|
| Using the Aputure INFINIMAT Patch Kit | 67 |
| Important Safety Instructions | 68 |
| FCC Declaration of Conformity | 70 |

Introduction

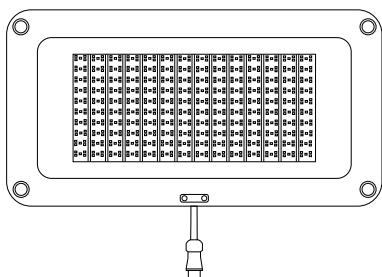
The INFINIMAT is a family of full color, pixelated LED soft lights with inflatable softboxes. They come in a vast variety of sizes ranging from 1x2' all the way up to 20x20' to provide maximum flexibility while using industry standard butterfly frame sizes. The inflatable softboxes ensure easy, fast setup providing optimum diffusion and structural support that is lightweight yet robust.

All INFINIMAT products can be remotely controlled via industry standard protocols such as DMX, LumenRadio CRMX, RDM, Art-Net, and sACN, as well as Sidus BT from Aputure. They are certified to IP65 weather protection for versatility and peace of mind when working in wet or dusty environments, further enhancing their functionality for professionals.

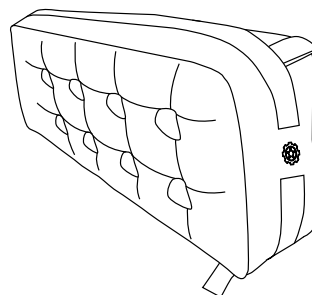
Components List

Please check whether the following items are contained in the package before using the product. Please contact your dealer if there are any missing items.

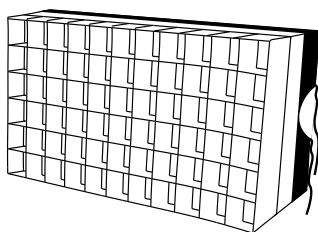
Aputure INFINIMAT 1×2 Kit :



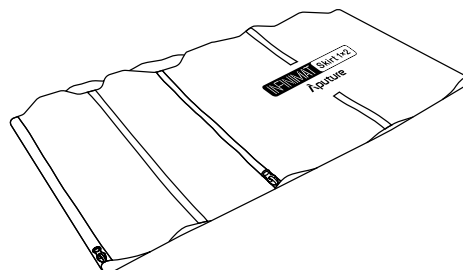
Aputure INFINIMAT 1×2



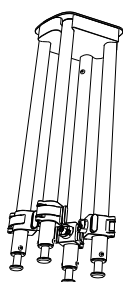
Aputure INFINIMAT Inflatable Softbox 1×2



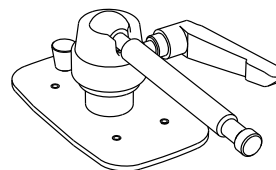
Aputure INFINIMAT Control Grid 1×2



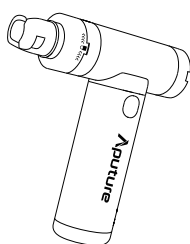
Aputure INFINIMAT Control Skirt 1×2



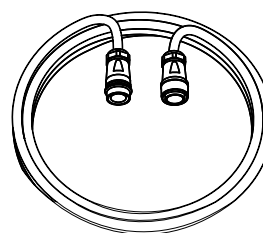
Aputure INFINIMAT Carbon
Fiber Mounting Bracket 1×2



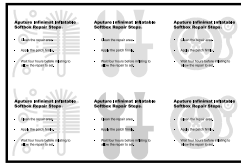
Aputure K-Mount Arm w/ Articulating 5/8" Pin



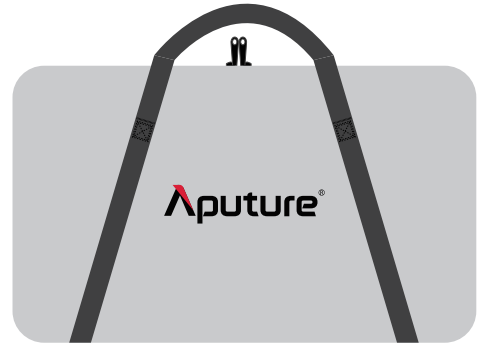
Aputure INFINIMAT Air Pump Mini



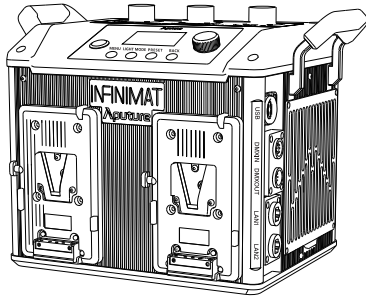
Aputure INFINIMAT 7.5m Head Cable (400W)



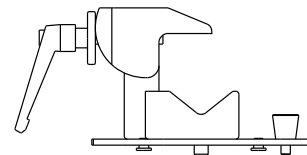
Aputure INFINIMAT Patch Kit



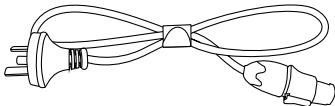
Carrying Case for INFINIMAT & Softbox Pack



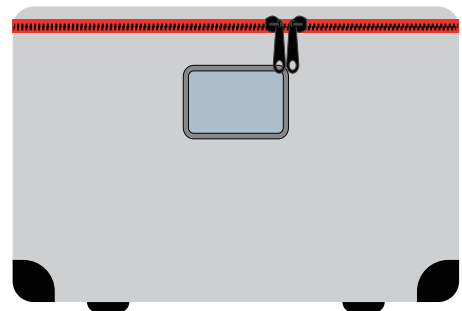
Aputure INFINIMAT Control Box 400W (V or Gold Mount)



Aputure K-Mount Mounting Clamp

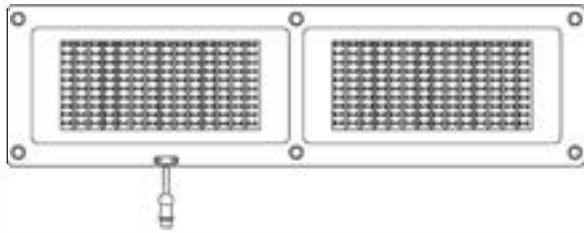


Aputure powerCON True1 AC Power Cable - 6m

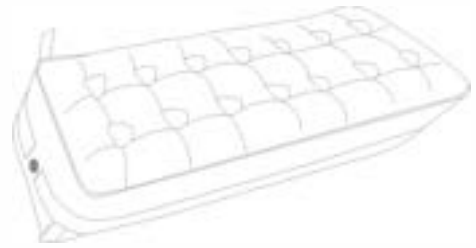


Carrying Case for Control Box 400w Pack

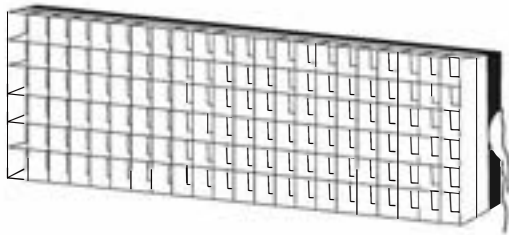
Aputure INFINIMAT 1×4 Kit :



Aputure INFINIMAT 1×4



Aputure INFINIMAT Inflatable Softbox 1×4



Aputure INFINIMAT Light Control Grid 1×4



Aputure INFINIMAT Light Control Skirt 1×4



Aputure INFINIMAT Mounting Bracket 1×4



Aputure K-Mount Arm w/ Articulating 5/8" Pin



Aputure INFINIMAT Air Pump Mini



Aputure INFINIMAT 7.5m Head Cable (400W)



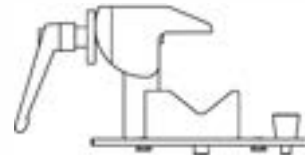
Aputure INFINIMAT Patch Kit



Carrying Case for INFINIMAT & Softbox Pack



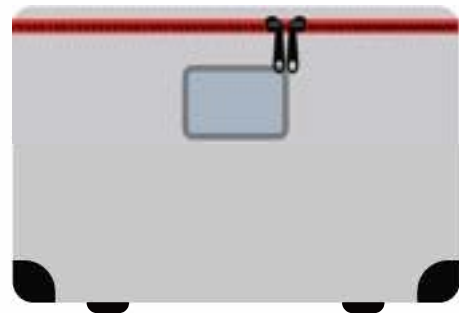
Aputure INFINIMAT Control Box
400W (V or Gold Mount)



Aputure K-Mount Mounting Clamp

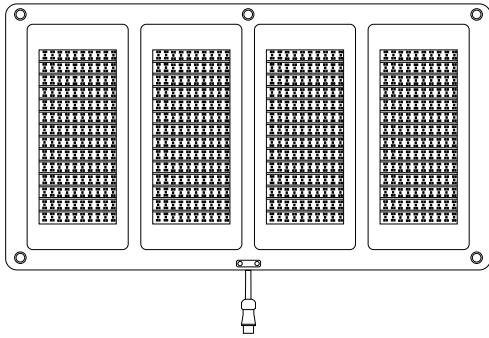


Aputure powerCON True1
AC Power Cable – 6m

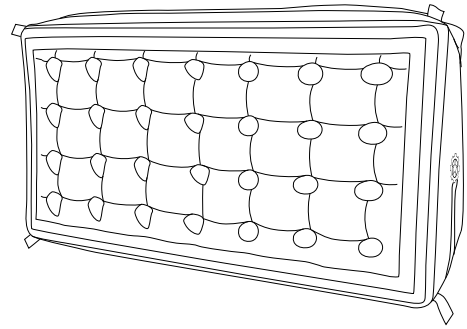


Carrying Case for Control Box 400w Pack

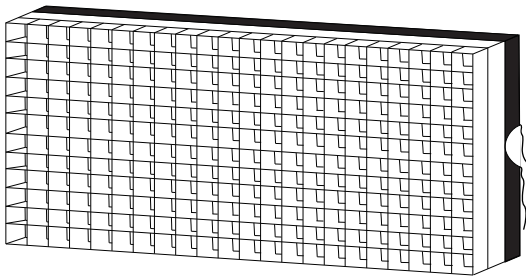
Aputure INFINIMAT 2×4 Kit :



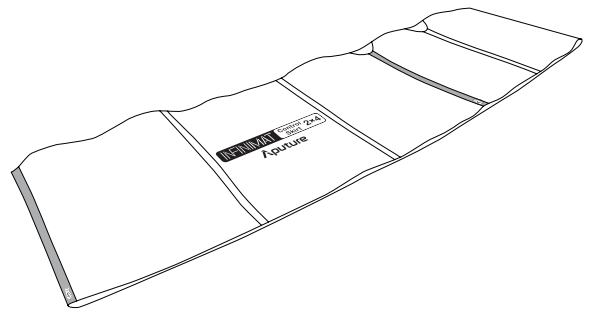
Aputure INFINIMAT 2×4



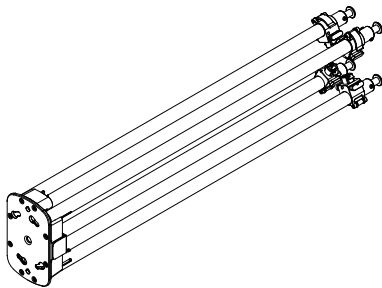
Aputure INFINIMAT Inflatable Softbox 2×4



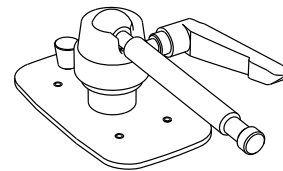
Aputure INFINIMAT Light Control Grid 2×4



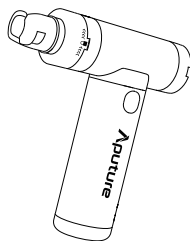
Aputure INFINIMAT Light Control Skirt 2×4



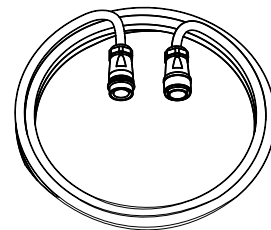
Aputure INFINIMAT Mounting Bracket 2×4



Aputure K-Mount Arm w/ Articulating 5/8" Pin



Aputure INFINIMAT Air Pump Mini



Aputure INFINIMAT 7.5m Head Cable (400W)



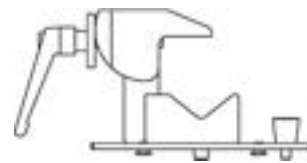
Aputure INFINIMAT Patch Kit



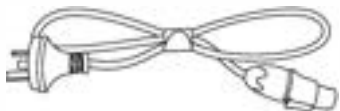
Carrying Case for INFINIMAT & Softbox Pack



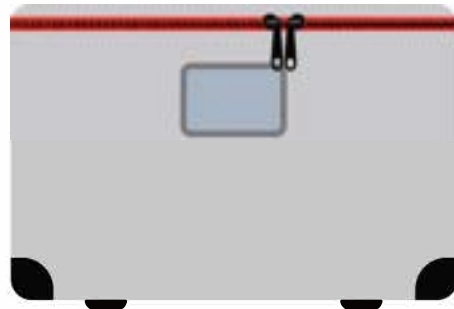
Aputure INFINIMAT Control Box
400W (V or Gold Mount)



Aputure K-Mount Mounting Clamp

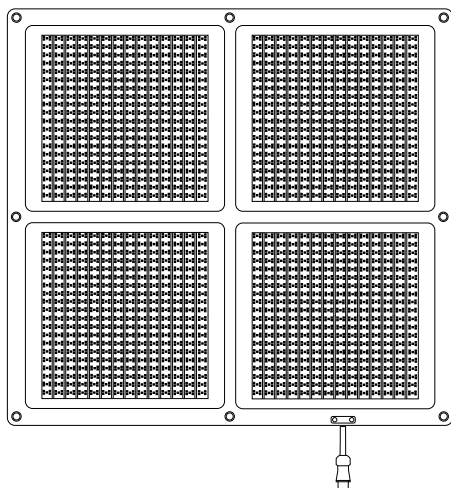


Aputure powerCON True1
AC Power Cable - 6m

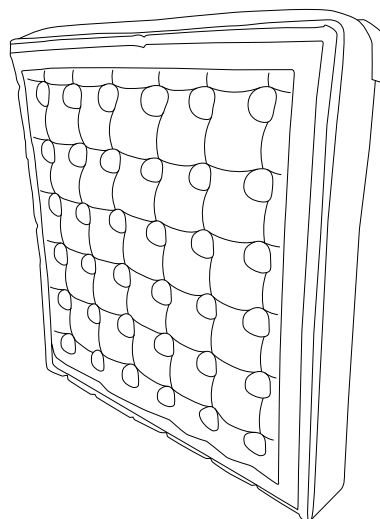


Carrying Case for Control Box 400w Pack

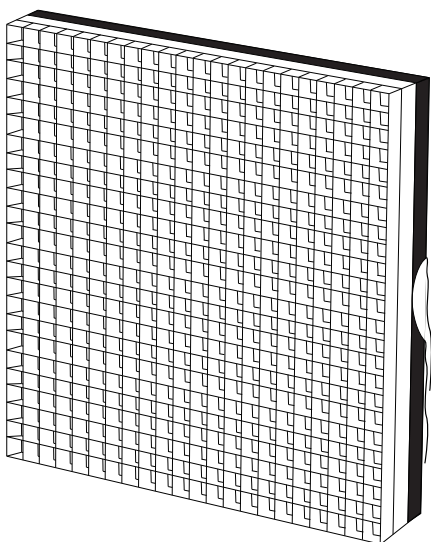
Aputure INFINIMAT 4x4 Kit :



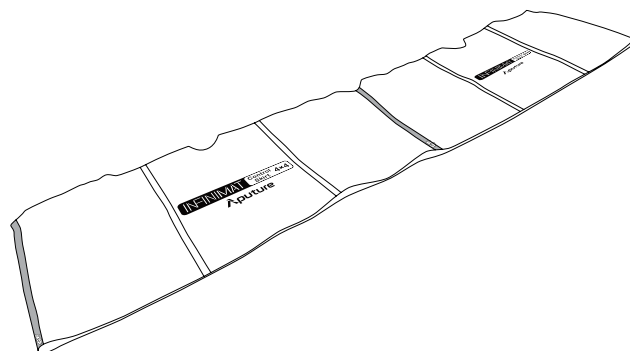
Aputure INFINIMAT 4x4



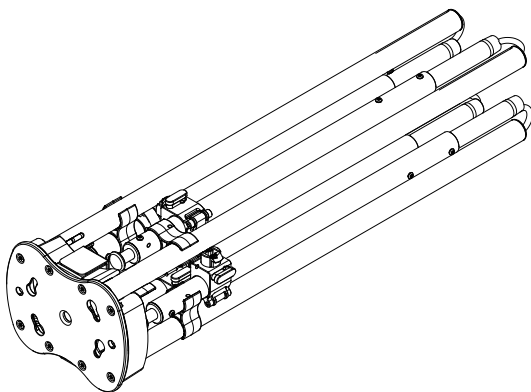
Aputure INFINIMAT Inflatable Softbox 4x4



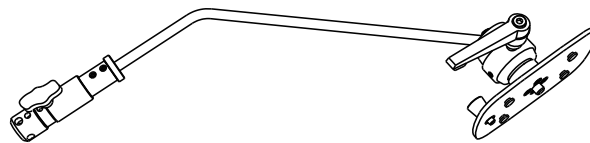
Aputure INFINIMAT Light Control Grid 4x4



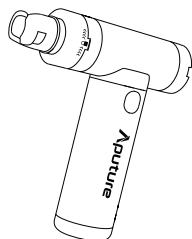
Aputure INFINIMAT Light Control Skirt 4x4



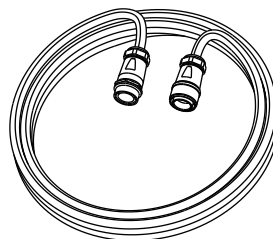
Aputure INFINIMAT Mounting Bracket 4x4



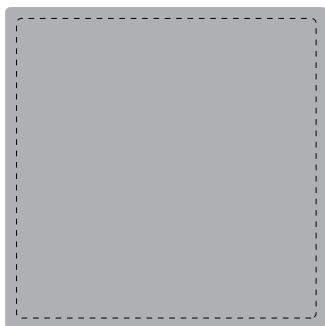
Aputure K-Mount to Juior Pin/Baby
Receiver Angled Arm



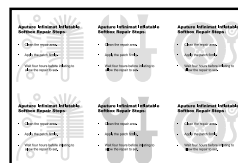
Aputure INFINIMAT Air Pump Mini



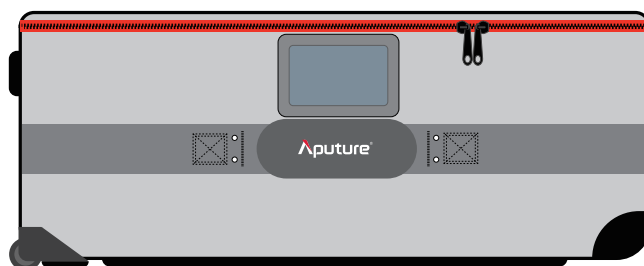
Aputure INFINIMAT 7.5m Head Cable (1600W)



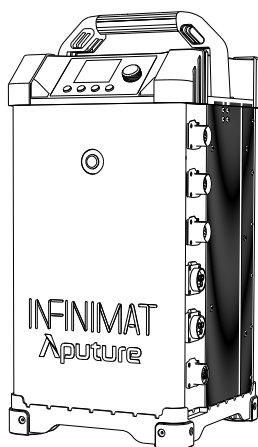
Aputure INFINIMAT Tarp 4x4



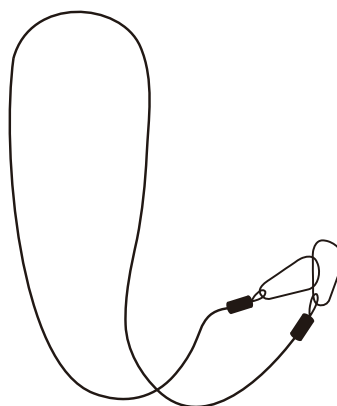
Aputure INFINIMAT Patch Kit



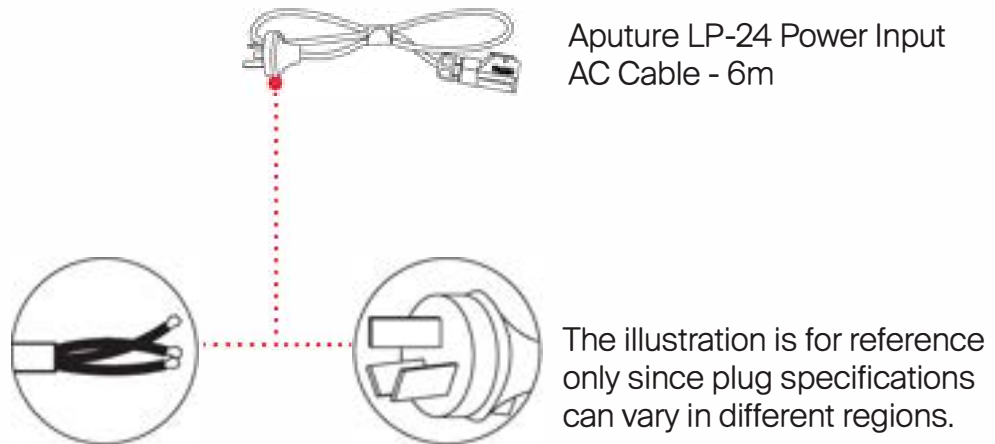
Rolling Case for INFINIMAT & Softbox Pack 4x4



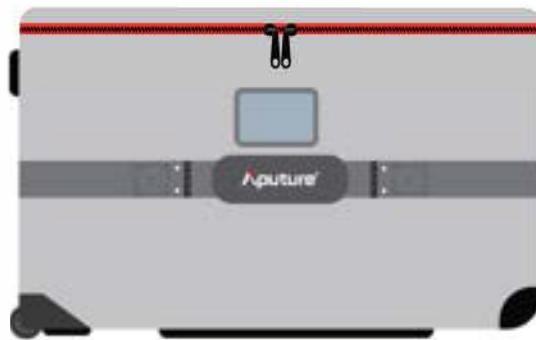
Aputure INFINIMAT Control Box 1600W



Safety Rope (1.3m)



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



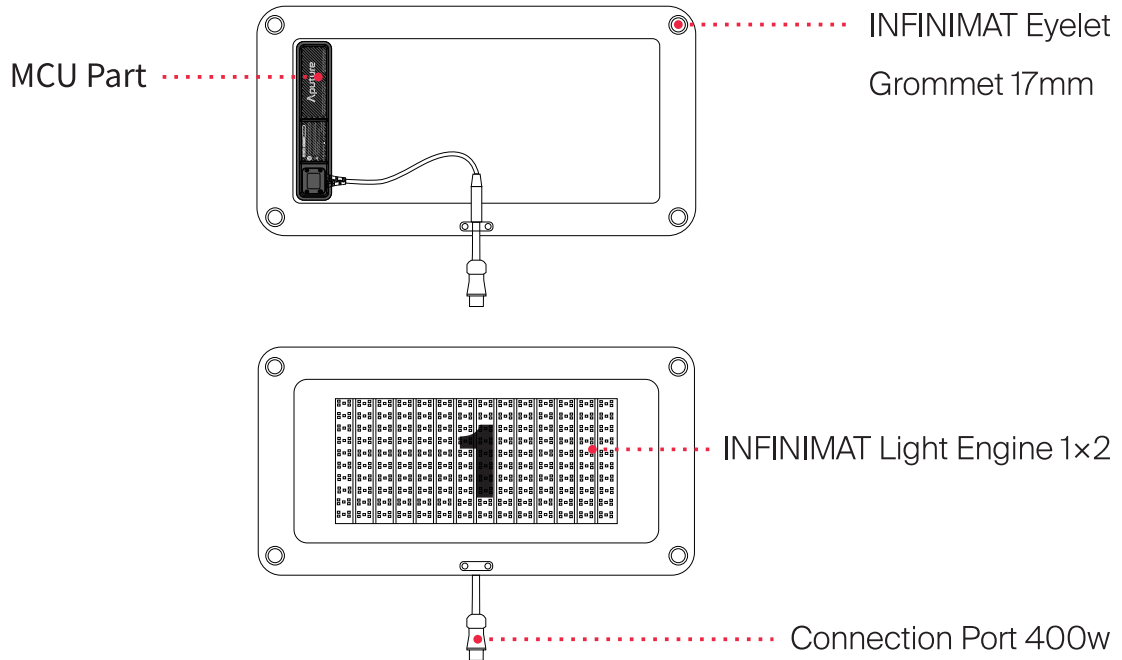
Rolling Case for Control Box 1600w Pack

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

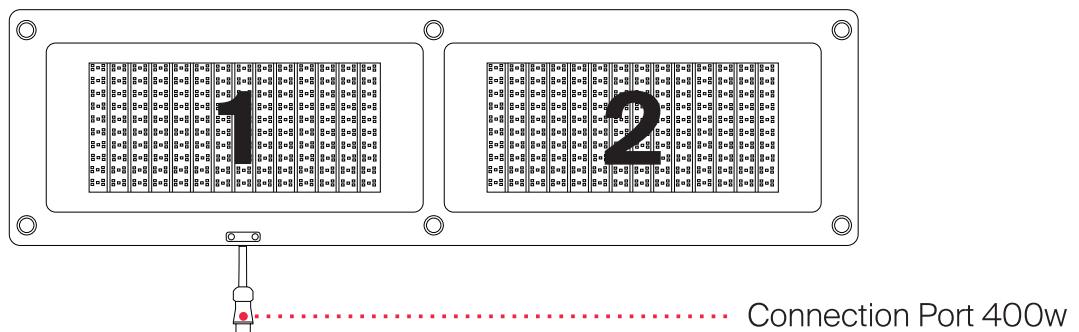
Product Overview

Aputure INFINIMAT (1×2, 1×4, 2×4, 4×4)

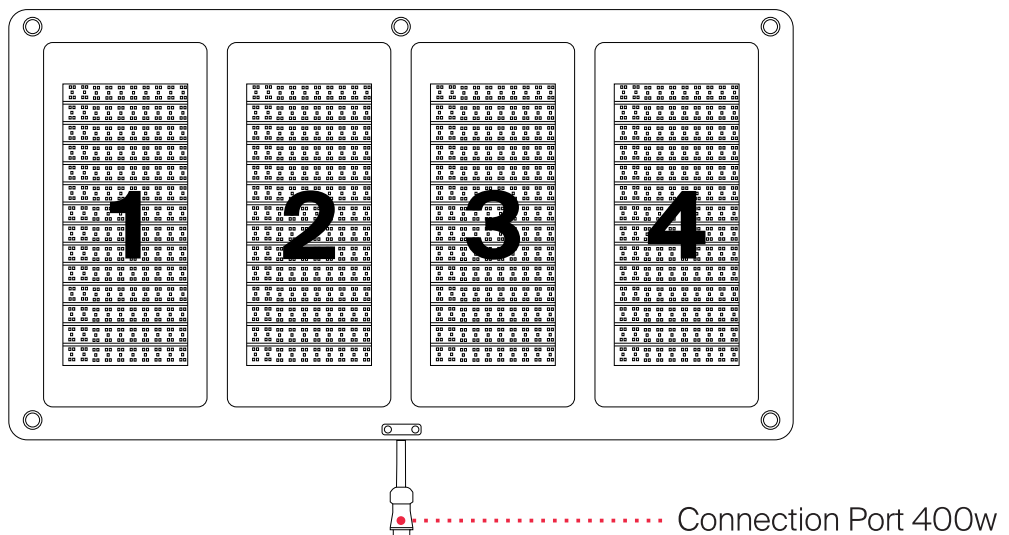
INFINIMAT 1×2



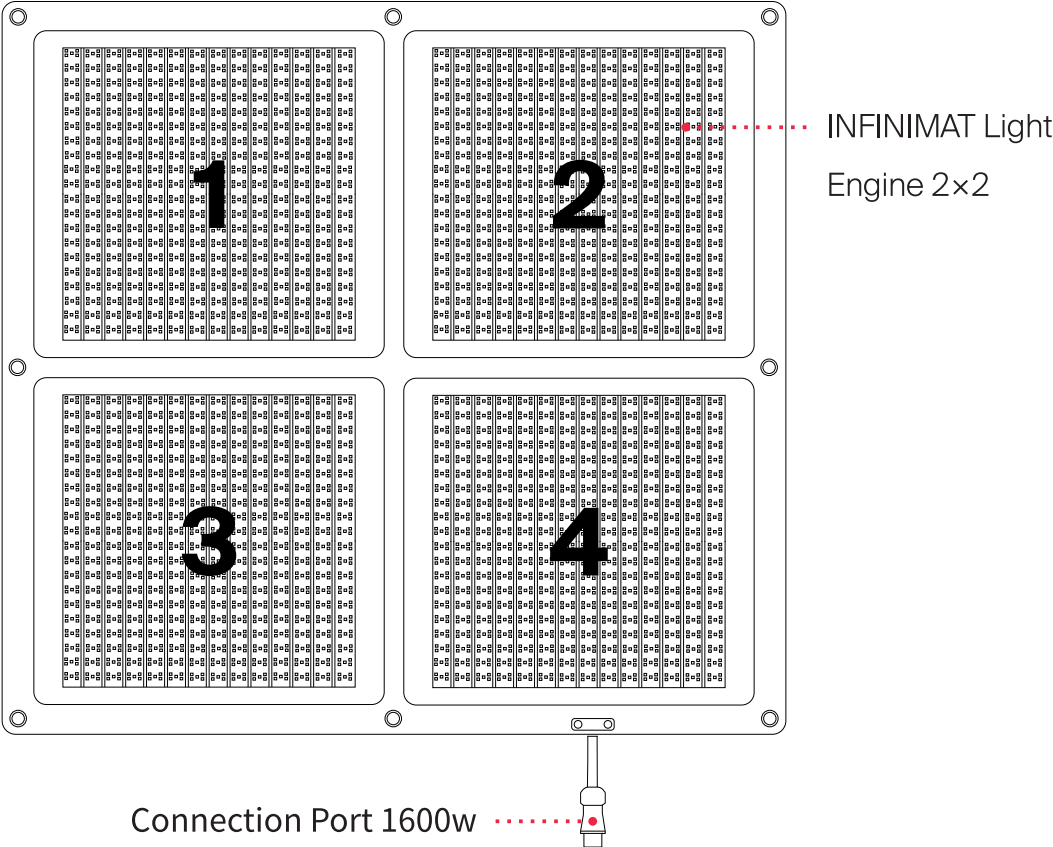
INFINIMAT 1×4



INFINIMAT 2×4

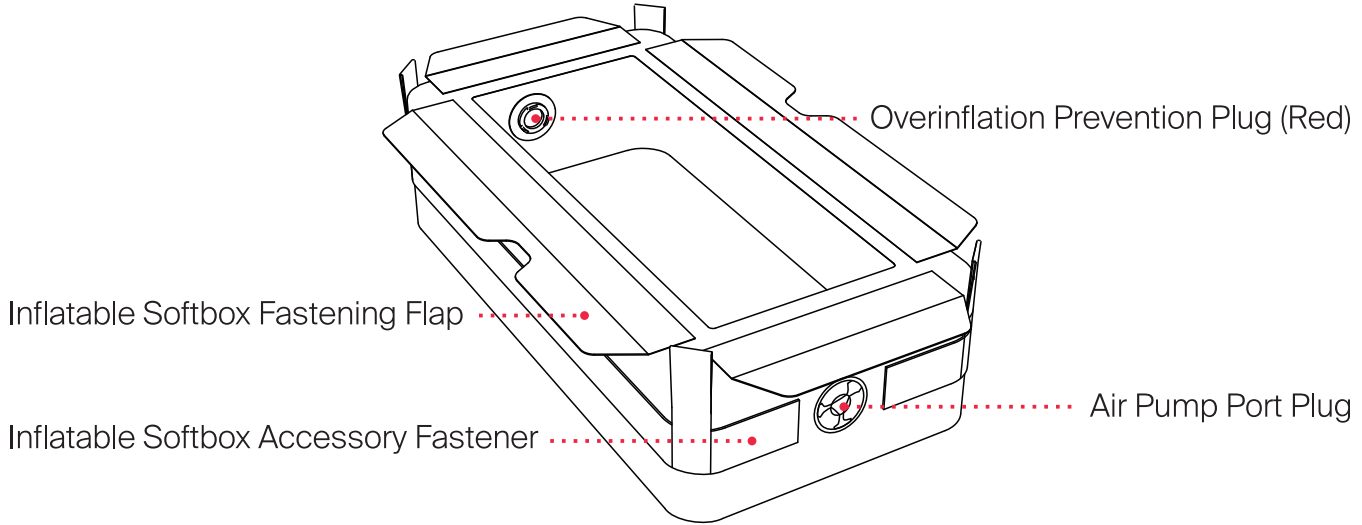


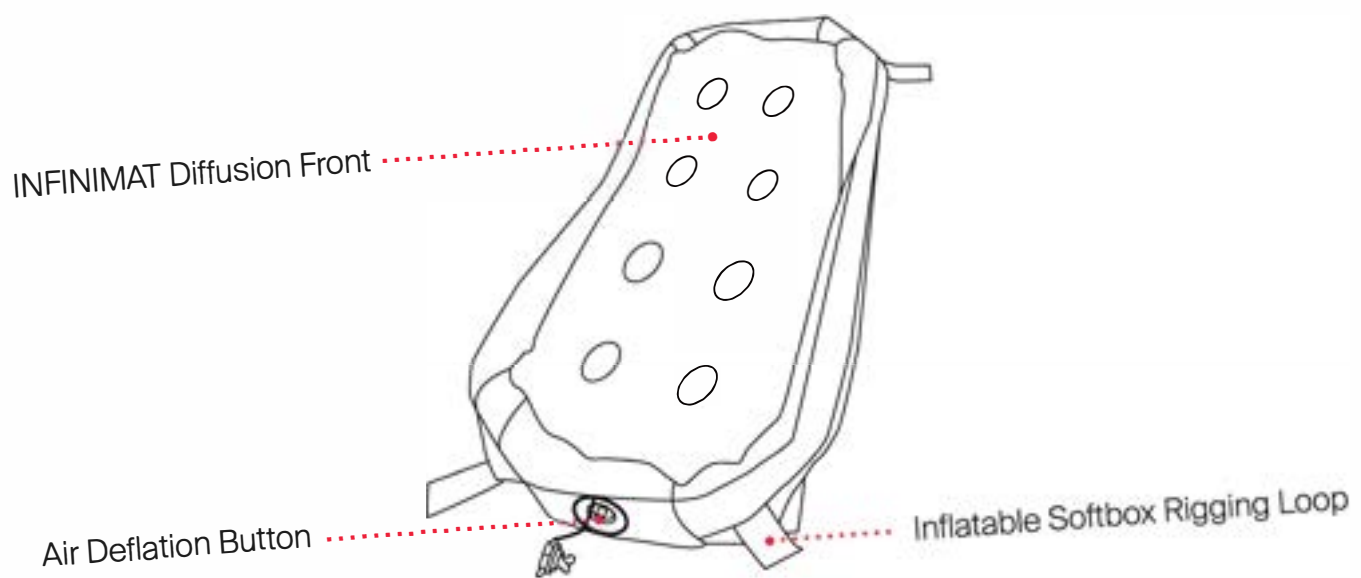
INFINIMAT 4x4



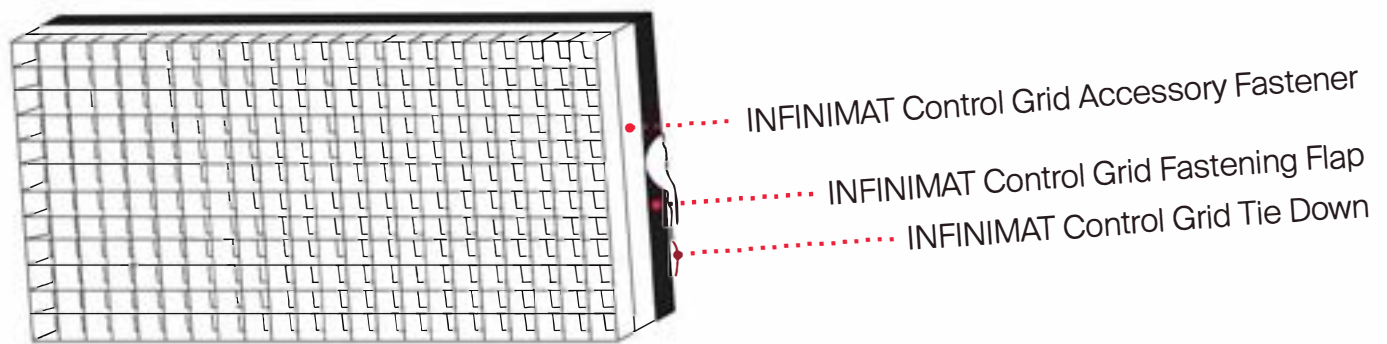
**For individual light engine control via DMX each light engine is identified by a specific number. Light engines seen from the front (diode side) of the fixture.*

Aputure INFINIMAT Inflatable Softbox

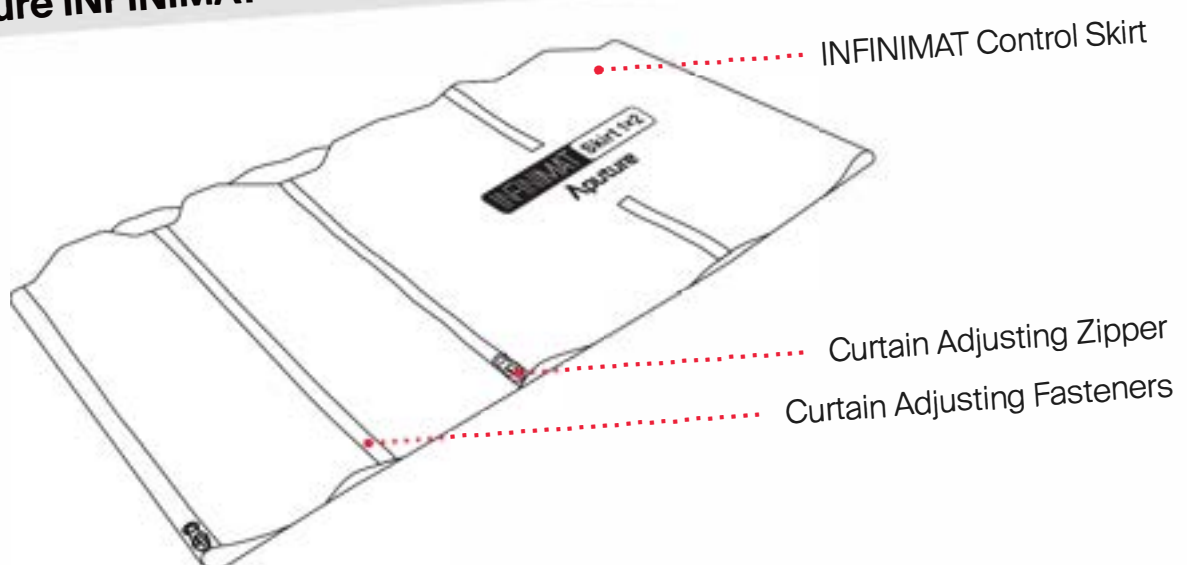




Aputure INFINIMAT Control Grid

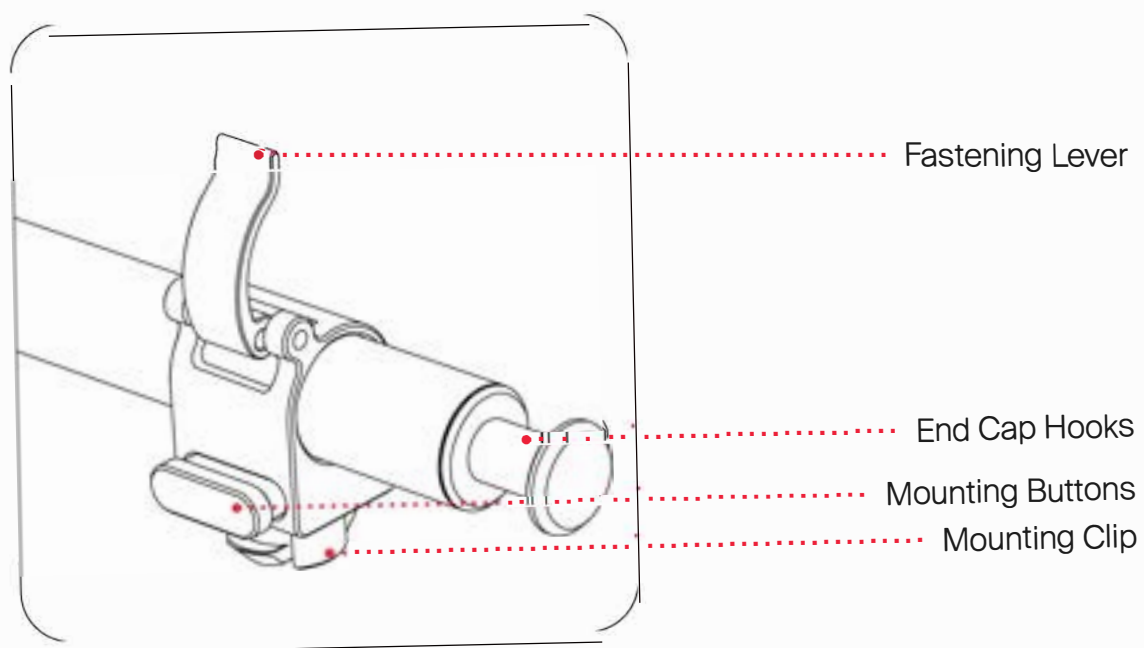
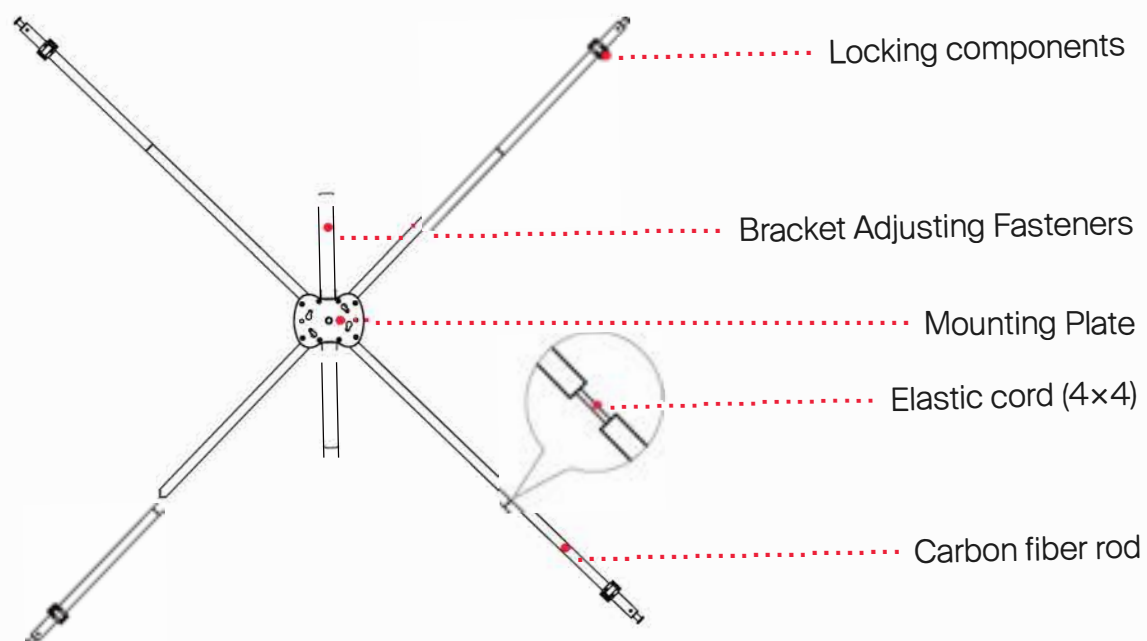


Aputure INFINIMAT Control Skirt

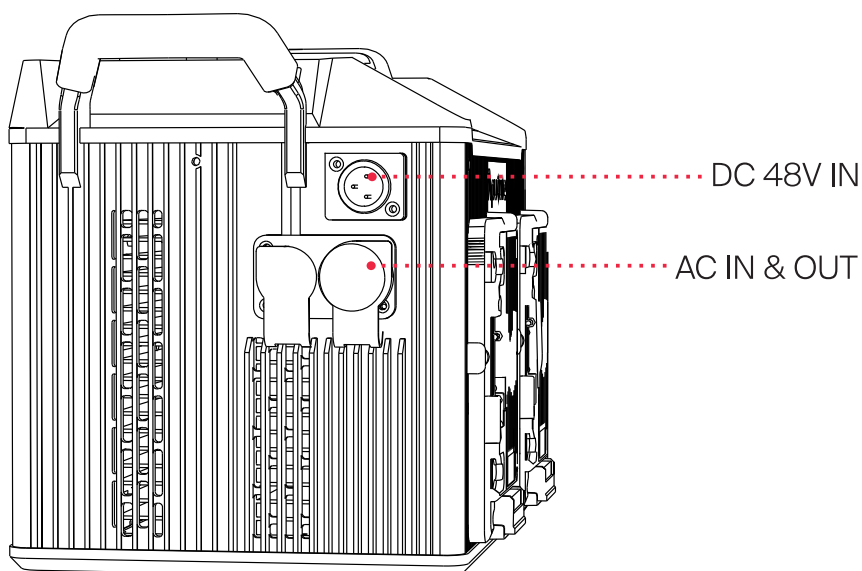
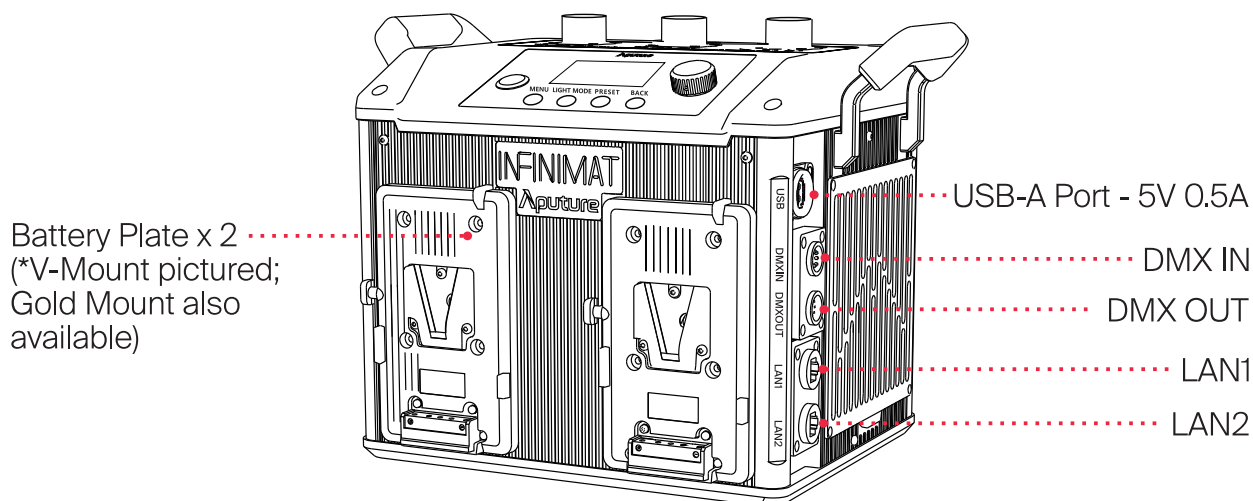
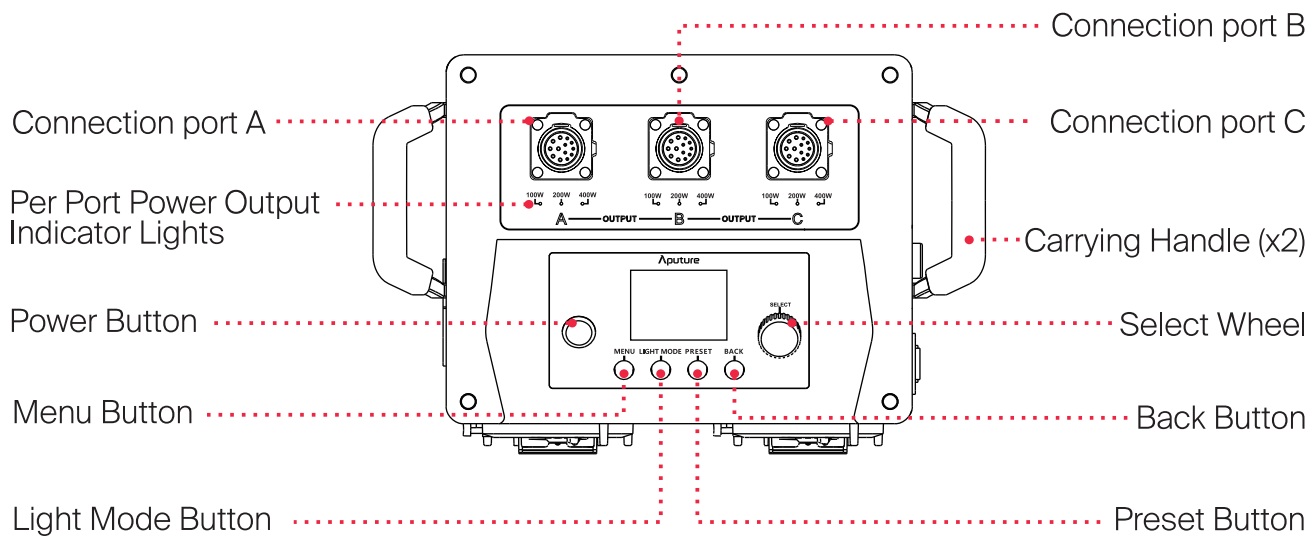


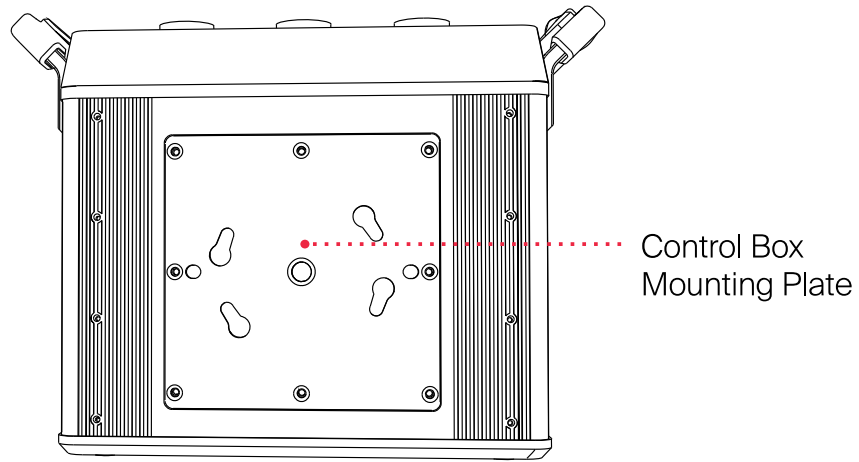
Aputure INFINIMAT Carbon Fiber Mounting Bracket (1×2, 1×4, 2×4, 4×4)

INFINIMAT Carbon Fiber Mounting Bracket 4×4

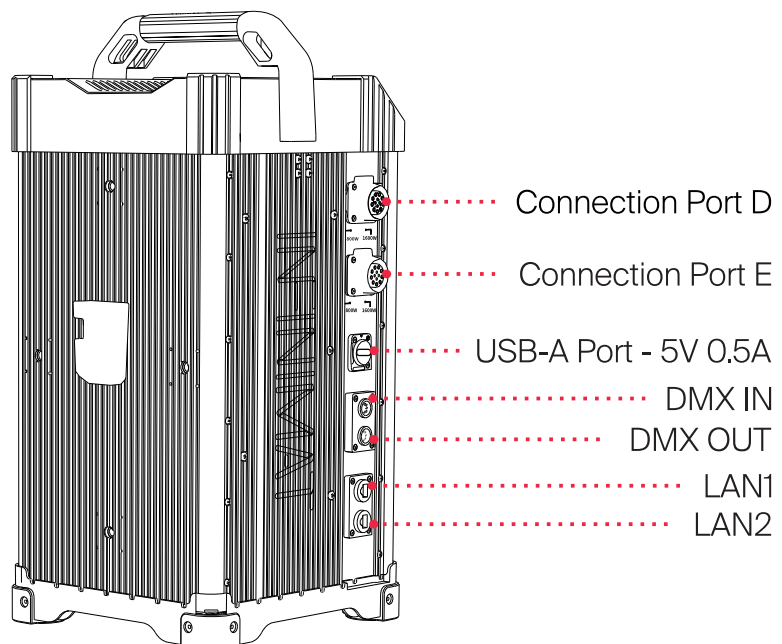
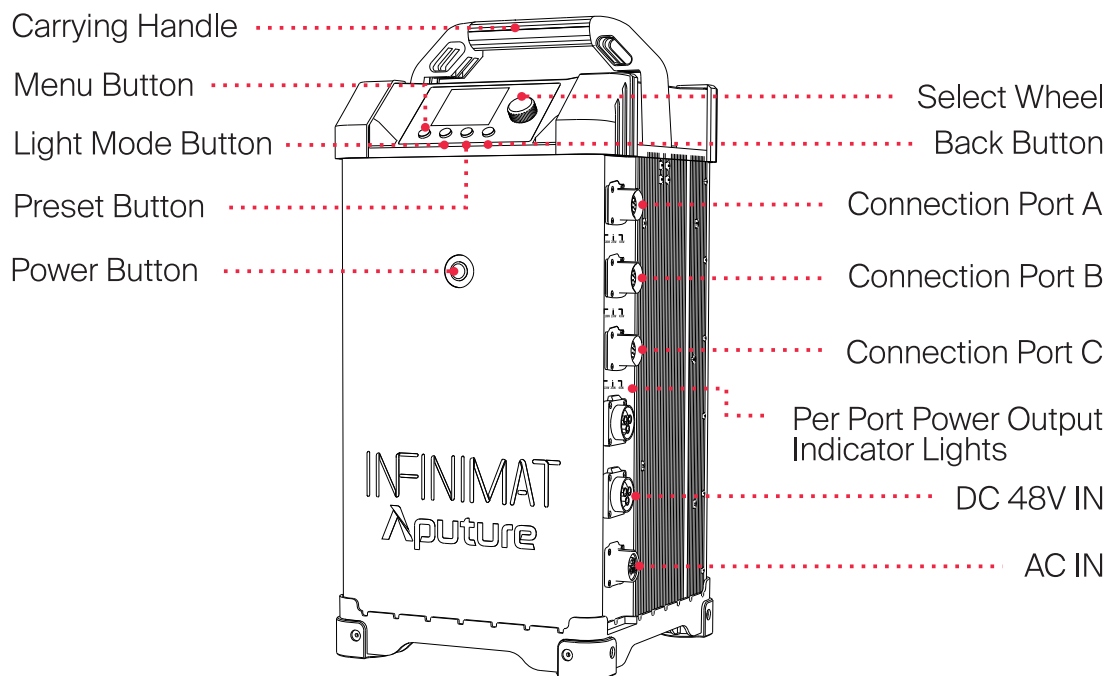


Aputure INFINIMAT Control Box 400W



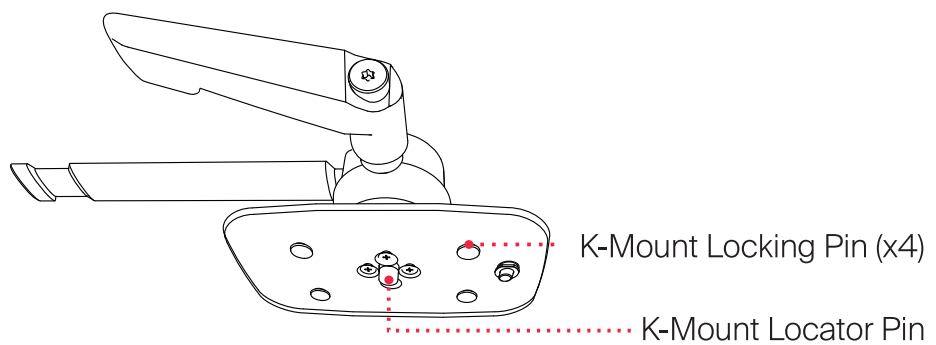
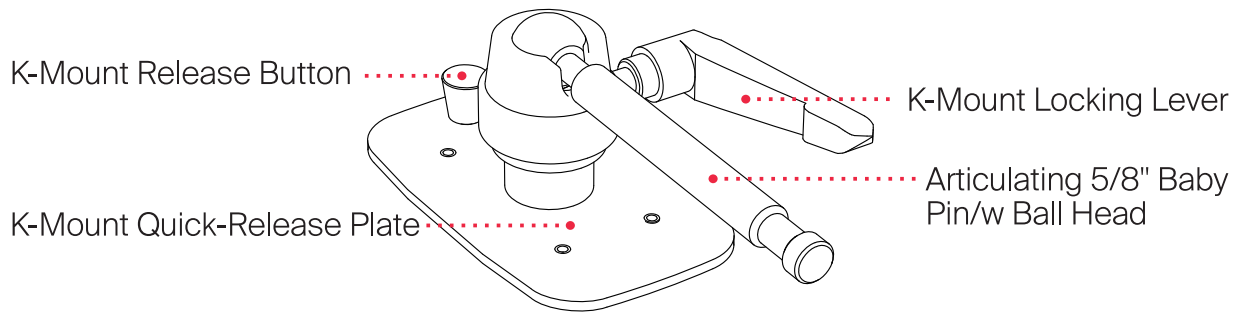


Aputure INFINIMAT Control Box 1600W

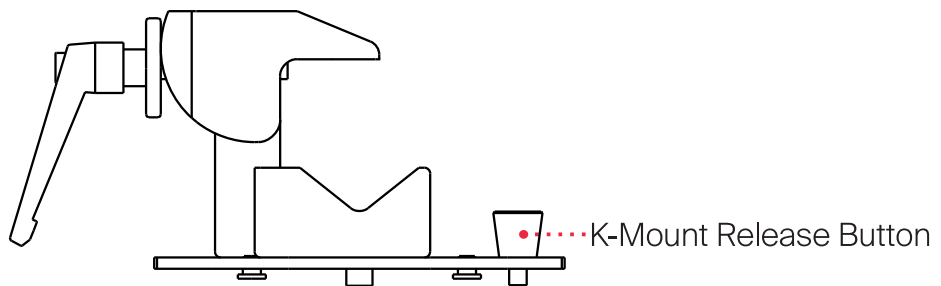
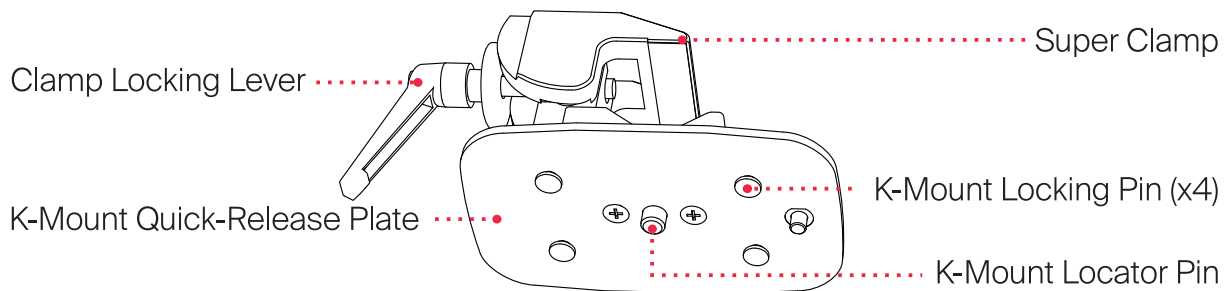


INFINIMAT Mounting Clamps

Aputure K-Mount Arm w/ Articulating 5/8" Pin

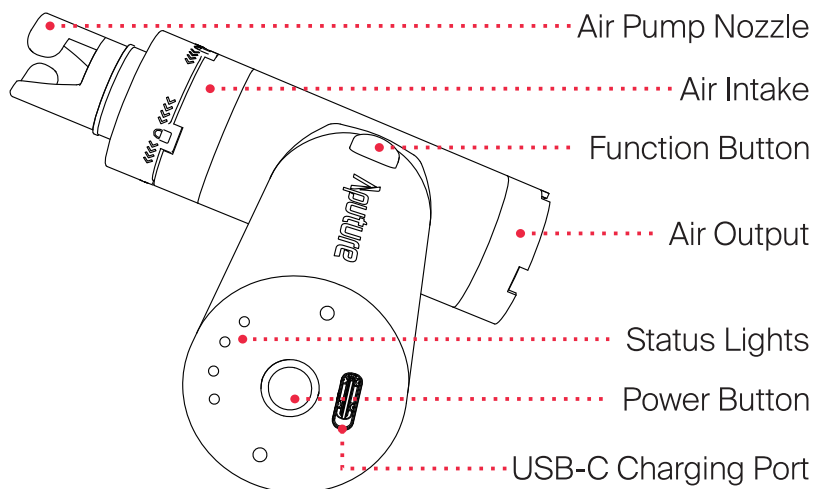


Aputure K-Mount Mounting Clamp

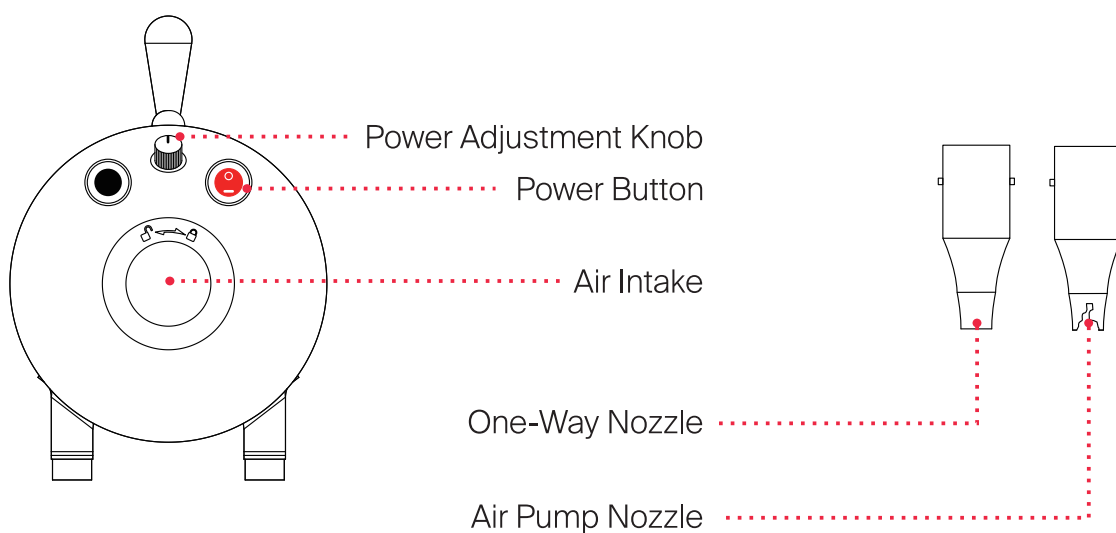
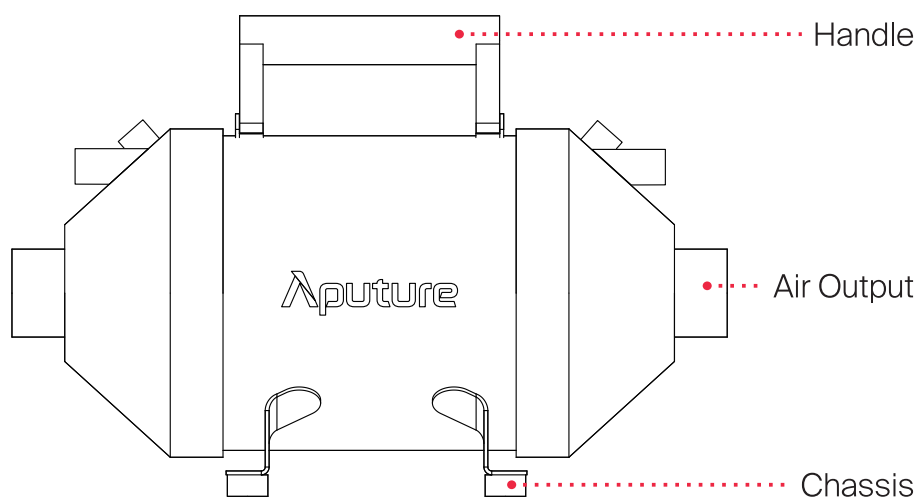


INFINIMAT Air Pumps

Aputure INFINIMAT Air Pump Mini

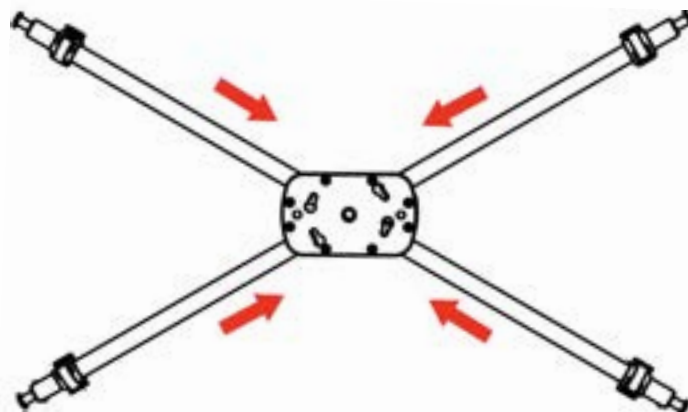


Aputure INFINIMAT Air Pump MAX

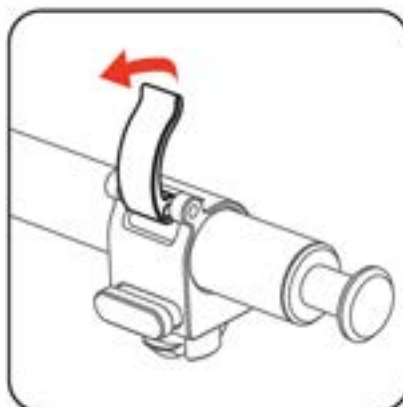
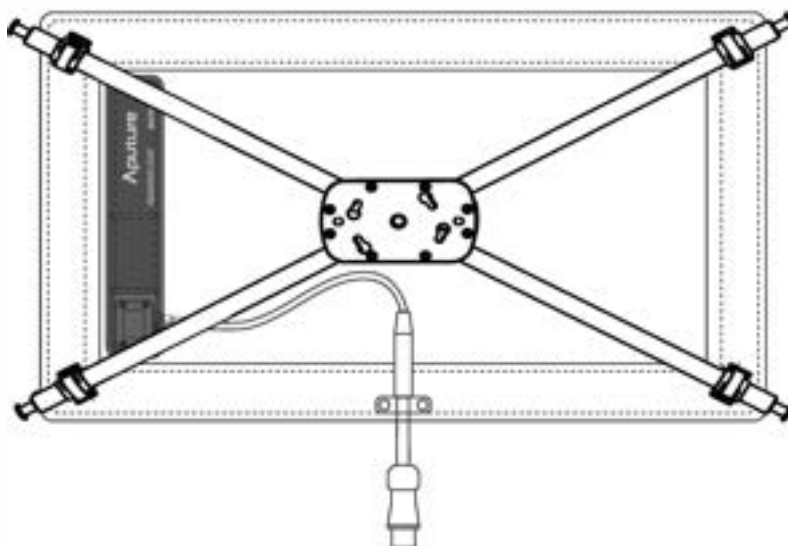


Setup

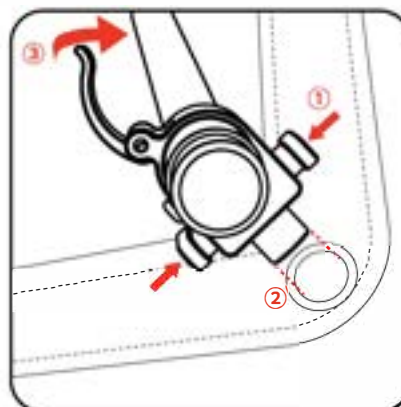
1. Assembling the INFINIMAT



①

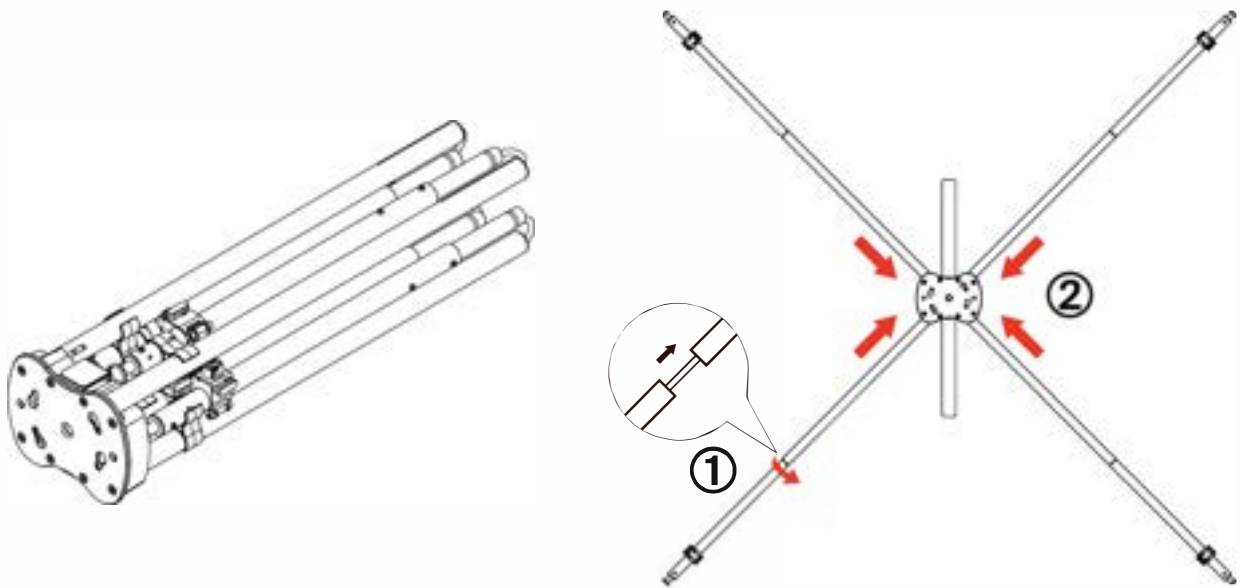


②

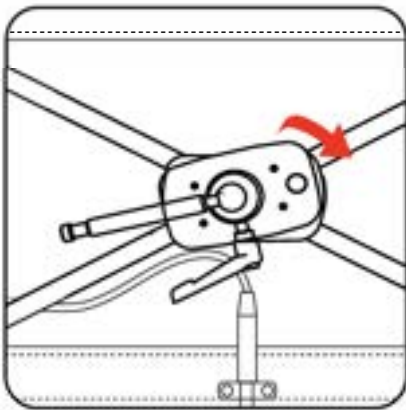
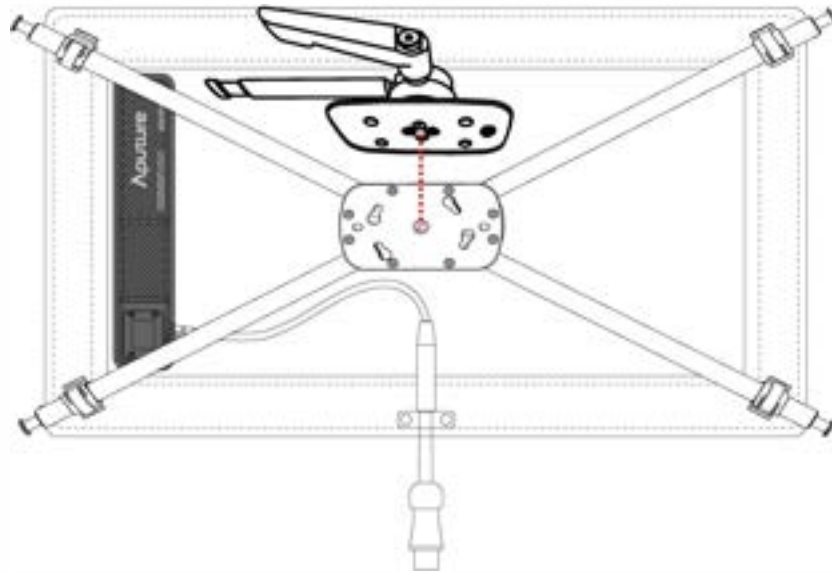


③

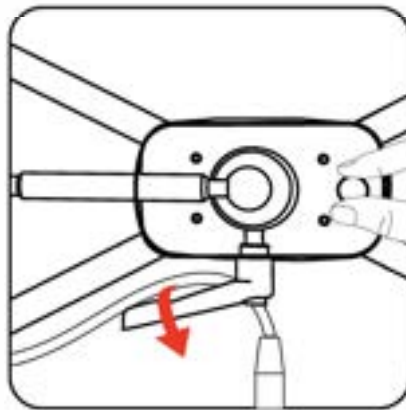
1. Unfold each carbon fiber support rod and secure it by pushing it inward towards the center of the Mounting Plate.
2. Open the Fastening Lever and align the position of the Mounting Clip along the carbon fiber rod to the grommet opening on the corner of the INFINIMAT.
3. Press the Mounting Buttons on both sides and push the clip into the opening. Release the buttons, making sure the corner of the INFINIMAT is securely attached to the Mounting Clip. Pull the Mounting Clip towards the End Cap Hook and press the Fastening Lever down to secure. Repeat this process on the other corners.
4. Adjust the overall tension of the INFINIMAT by adjusting the Mounting Clip on each corner.



**The INFINIMAT 4x4 mounting bracket has a built-in cord that automatically retracts*



①



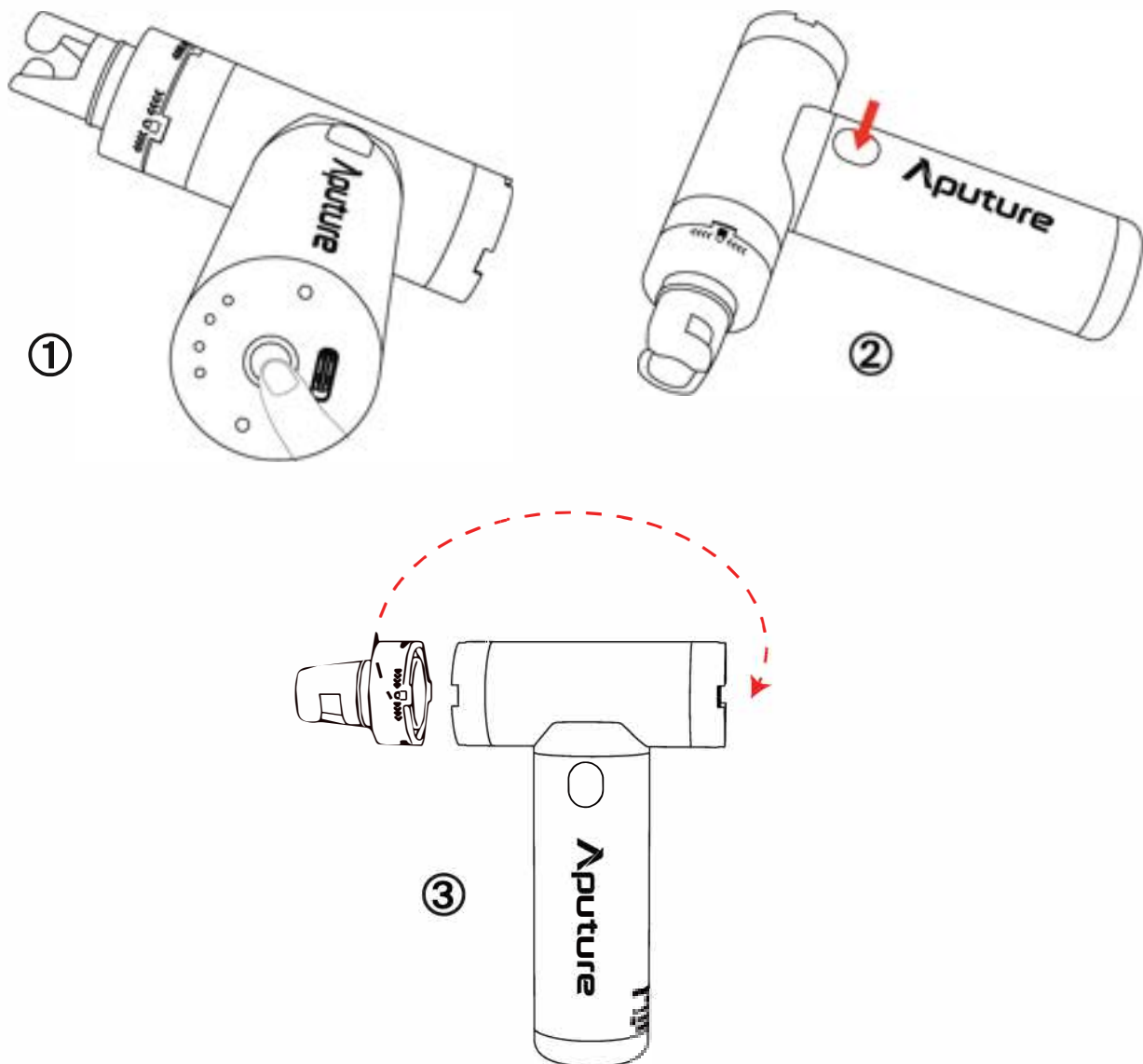
②



③ ④

1. Align the K-Mount Quick-Release Plate with the Mounting Plate using the K-Mount Locator Pin and rotate clockwise to lock it in place.
2. Use the Locking Lever to adjust the position of the baby pin as needed.
3. While supporting the weight of the INFINIMAT, turn the Locking Lever clockwise to lock the INFINIMAT in position.
4. Turn the Locking Lever counterclockwise to unlock and adjust its angle and rotation.

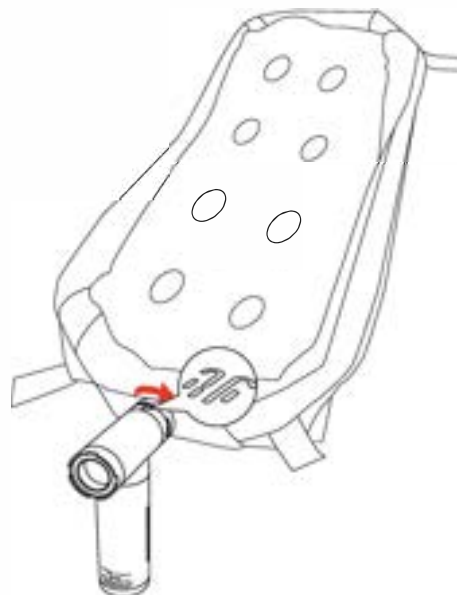
2. Using the Aputure INFINIMAT Air Pump Mini



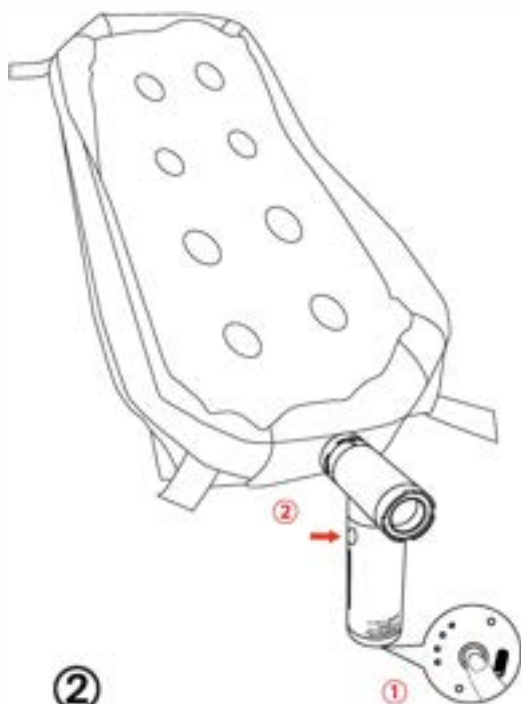
1. Press and hold the Power Button for 2s to power on or off. The battery capacity is indicated when powered on by the (4) LEDs above the Power Button.
2. Pressing the Function Button starts and stops the pump. While powered on, pressing the Power Button briefly switches the pump between low and high power.
3. Swapping the air nozzle from one end to the other changes the airflow from outtake to intake. Pull out on the magnetized nozzle to release it.

**The Air Pump Mini takes 3 hours to fully charge and is capable of 20 minutes of use at full capacity.*

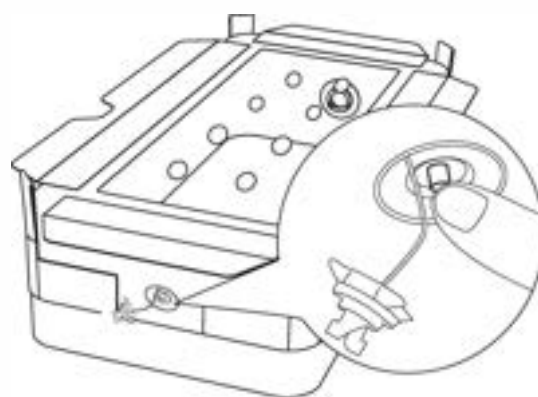
3. Attaching the Aputure INFINIMAT Inflatable Softbox (1×2, 1×4, 2×4, 4×4)



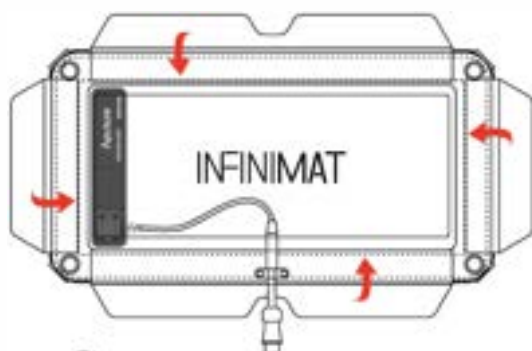
①



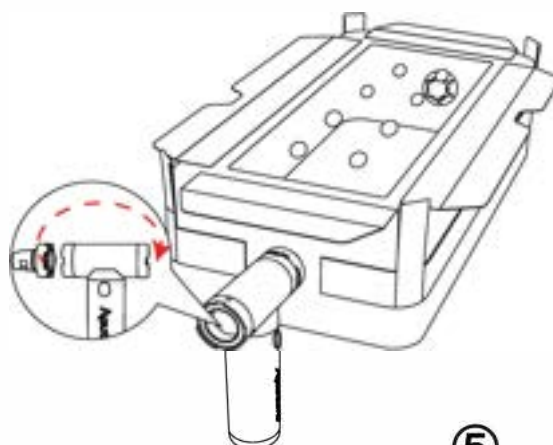
②



③



④



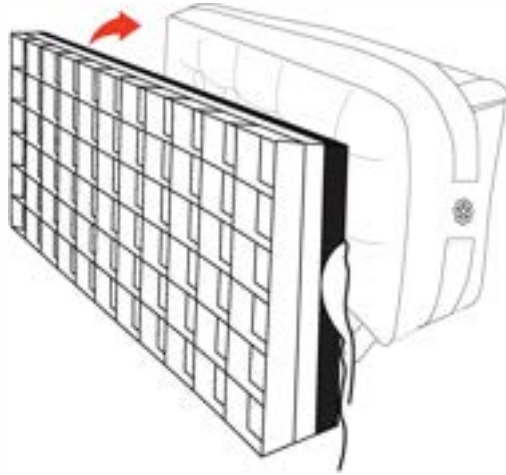
⑤

1. Rotate the Air Pump Port Plug counterclockwise to open the port and insert the Air Pump Nozzle into the port. Be sure that the nozzle is attached to the Air Outlet. Rotate clockwise to lock the nozzle in place.
2. Press and hold the Power Button until the pump is powered on. Press the Function Button to start inflating the Inflatable Softbox. Once the Softbox reaches rigidity, press the Function Button again to stop inflating. Take care to not overinflate.
3. Use the Air Deflation Button on the Softbox to release air if the Softbox feels overinflated.
4. Place the INFINIMAT on the rear side of the Inflatable Softbox. Using the Softbox Fastening Flaps, align all edges and attach the flaps onto the INFINIMAT.
5. To deflate the Softbox, ensure the Air Pump Nozzle is attached to the Air Inlet. Open the Air Pump Port. Attach the nozzle and press the Function Button to start deflating. Once all the air has been extracted, turn off the pump.

**All INFINIMAT Inflatable Softboxes are equipped with Overinflation Prevention Plug(s), which prevents the airbag from overinflation. Despite this feature, users are cautioned to carefully inflate the softbox.*

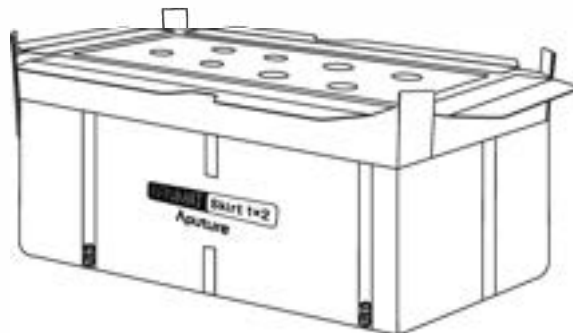
**It is not necessary to detach the deflated softbox from the INFINIMAT for the 1x2, 1x4, 2x4 and 4x4 models. Once deflated fully, users can simply fold up the INFINIMAT together with its Inflatable Softbox attached and store them together in their dedicated carrying bag.*

4. Attaching the Aputure INFINIMAT Control Grid (1×2, 1×4, 2×4, 4×4)



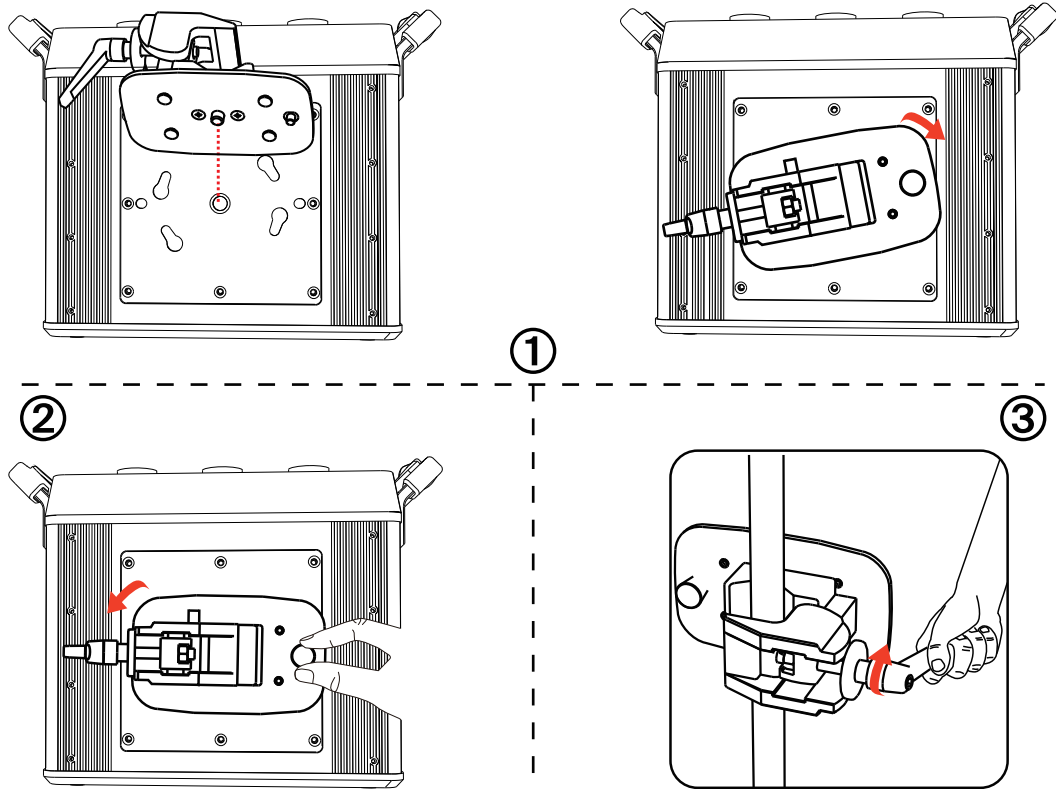
1. Remove the INFINIMAT Control Grid 1×2 from its Protective Bag and undo the Tie Downs to unfold it.
2. Attach the grid onto the Inflatable Softbox using the Fastening Flaps. Ensure all the corners and fasteners are aligned.
3. Use the Fit Adjustment Flaps to adjust the grid if necessary.

5. Attaching the Aputure INFINIMAT Control Skirt (1×2, 1×4, 2×4, 4×4)



1. Remove the INFINIMAT Control Skirt from the Aputure INFINIMAT 1x2 Protective Bag and unfold it.
2. Attach the skirt onto the Inflatable Softbox using the Fastening Flaps. Ensure all the corners and fasteners are aligned.
3. Use the Curtain Adjusting Zippers on the four corners of the skirt to allow adjustments on each side.
4. Use the Curtain Adjusting Fasteners to affix the curtains in the desired positions/angles.

6. Attaching K-Mount Mounting Clamp to Control Box 400W



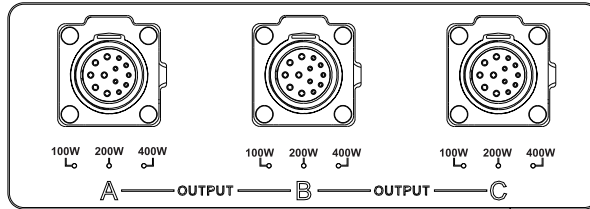
1. Align the K-Mount Quick-Release Plate of the K-Mount Mounting Clamp to the Control Box Mounting Plate with its Locator Pin and turn it clockwise to lock it in place.
2. Pull up the Release Button and move the K-Mount Mounting Clamp counterclockwise to remove it.
3. Loosen the clamp's jaws by turning the Clamp Locking Lever counterclockwise. Position the clamp's jaws on the target area where the Control Box is to be mounted, and turn the Clamp Locking Lever clockwise until the clamp is firmly secured.

7. Connecting the INFINIMAT(s) to the Control Box 400W

1×2 (100W), 1×4 (200W), and 2×4 (400W) INFINIMATs are compatible with the Control Box 400W

b. Example output possibilities on the Control Box 400W include:

- i. 3 x 100W
- ii. 1 x 200W and 2 x 100W
- iii. 2 x 200W
- iv. 1 x 400W



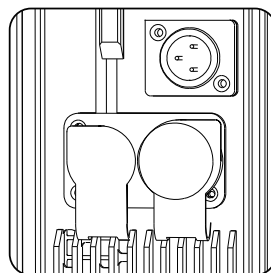
On the Control Box 400W, there are 3 output ports (A,B and C)—each can accommodate connections for 100W/200W/400W lamps. Upon inserting a lamp’s head cable, the wattage is automatically recognized, and the corresponding Power Indicator Light will illuminate.

Power is supplied sequentially through interfaces A-B-C. The Control Box can recognize the wattage of the lamp and determine if it can meet full power output. If not, it assesses if half-power output is feasible; if so, it proceeds with half-power output. If the Control Box has no more power available to distribute, then it recognizes the lamp but refrains from outputting.

Separate indicator lights are provided to recognize the power of different lamp bodies.

| | |
|--------|--|
| GREEN | Full Power for the INFINIMAT connected to this port. |
| YELLOW | Half-Power for the INFINIMAT connected to this port. |
| RED | Not enough Power for the INFINIMAT model connected to this port. |
| OFF | No INFINIMAT detected on this port. |

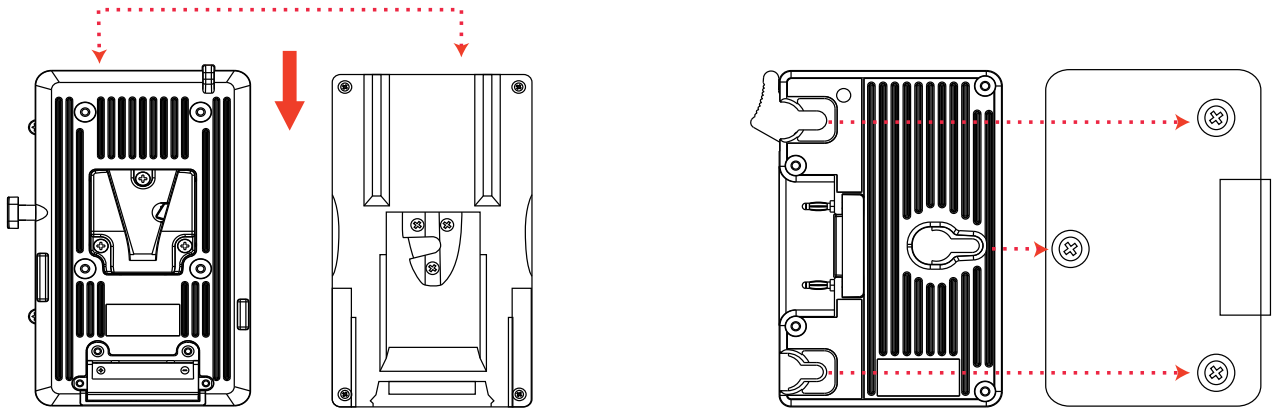
8.Aputure INFINIMAT Control Box 400W: Through Power AC Power



The Control Box 400W has Neutrik powerCON TRUE1 INPUT/OUTPUT ports to allow for pass-through power. Power for two Control Boxes can be daisy-chained when using 110v power, and four Control Boxes can be connected when using 220v power.

**Exceeding the recommended maximum of Control Boxes while using thru-power can damage the units and voids the User Warranty.*

9. Aputure INFINIMAT Control Box 400W: V-Mount & Gold Mount Battery Power Options



**The INFINIMAT Control Box 400W comes with either two V-Mount or Gold Mount battery plates installed on it.*

**When using batteries to power the Control Box, it is necessary to use dual batteries. Using dual 26V batteries enables full-power output. Higher specification batteries should not be used, as using the wrong battery for power can damage the lamp.*

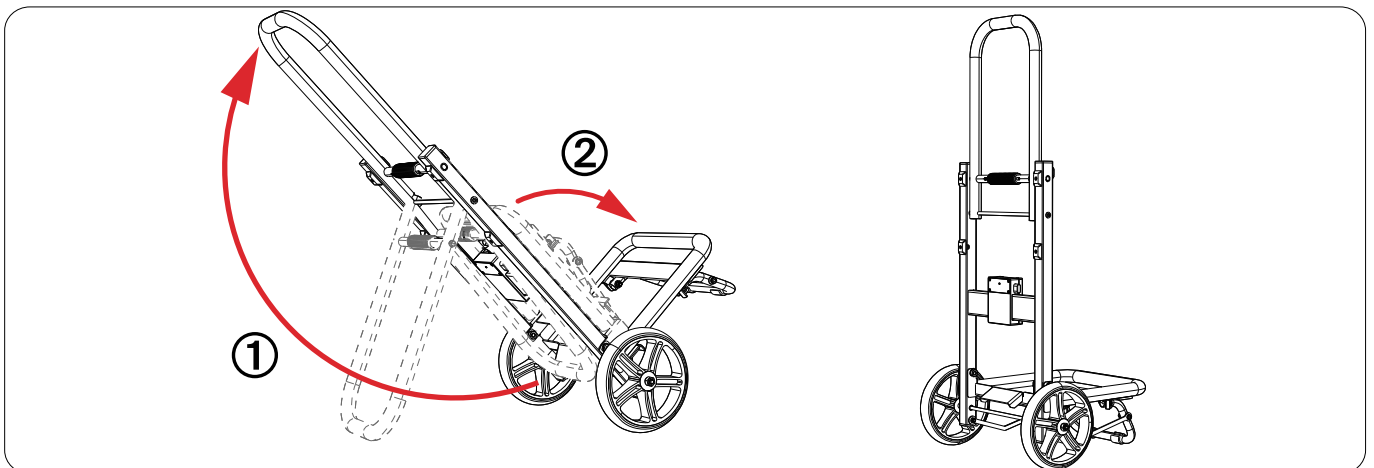
**If using batteries with an output voltage of 12~16.8V and an output current $\geq 15A$, half-power output is achievable.*

**Using a single 26V battery allows for half-power output.*

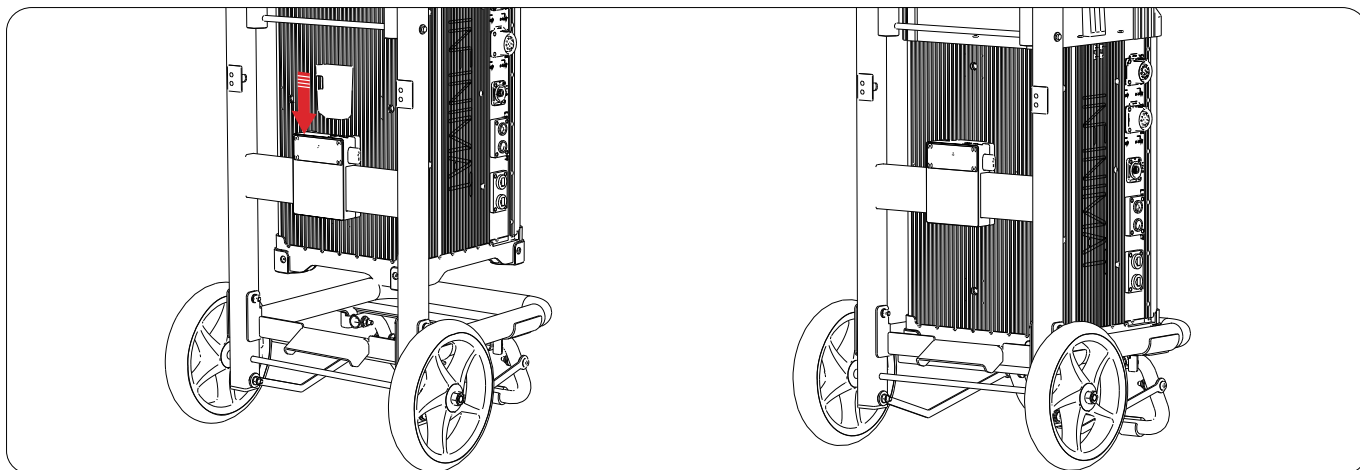
**Using batteries with an output current that does not meet power requirements can cause the battery to enter protection mode immediately when the lamp is turned on.*

10. Installation and Disassembly of the Control Box 1600w Dolly (*sold separately)

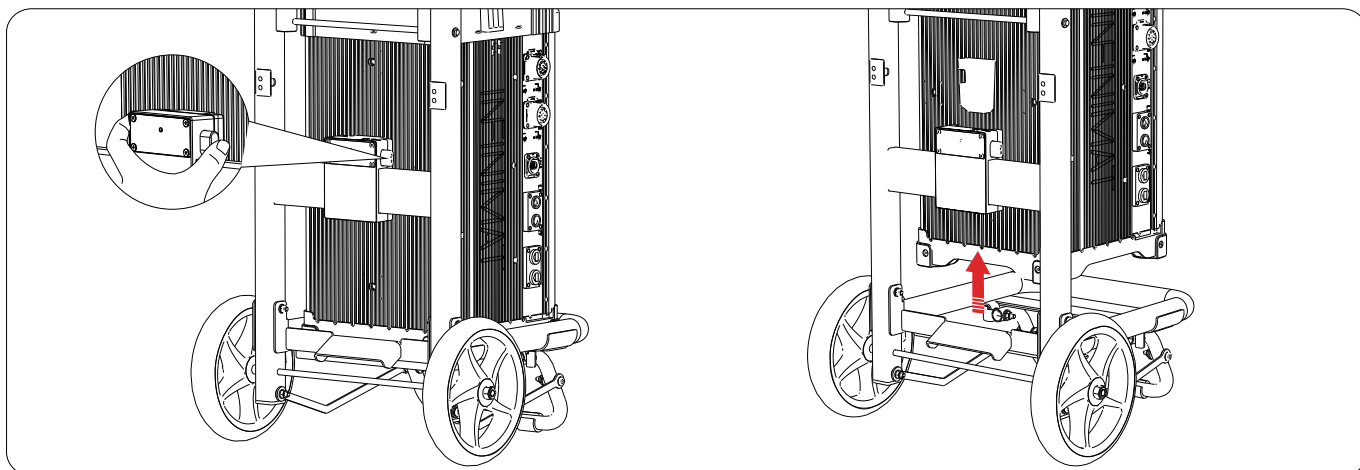
1. Unfold the Control Box Dolly.



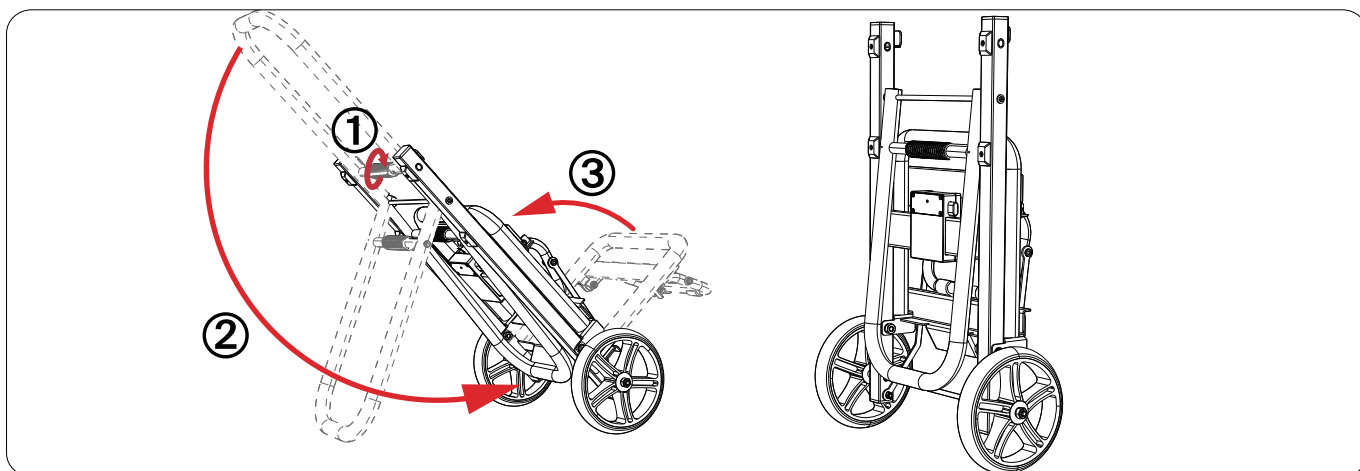
2.Lift the Control Box 1600W and insert it into the quick release mechanism of the dolly.



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

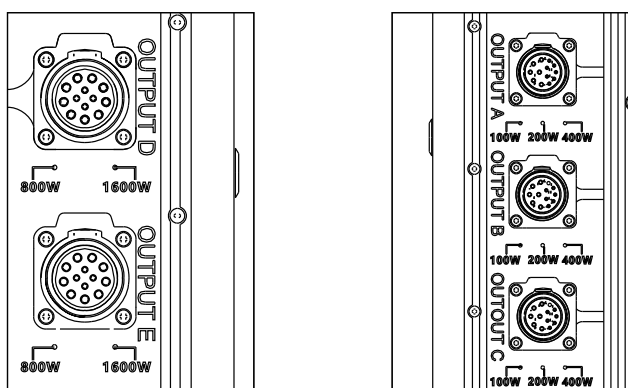


4.Fold and store the dolly



11.Connecting the INFINIMAT(s) to the Control Box 1600W

- a. 1x2 (100W), 1x4 (200W), 2x4 (400W), 4x4 (800w) and 8x8 (1600W) INFINIMATs are compatible with the Control Box 1600W.
- b. Example output possibilities on the Control Box 1600W include:
 - i. 1 x 1600W
 - ii. 2 x 800W
 - iii. 1 x 800W and 2 x 400W
 - iv. 1 x 200W and 2 x 100W
 - v. 2x 200W
 - vi. 1 X 400W



On the Control Box 1600W, there are 5 output ports in total: (2) 1600W Head Cable ports (the D and E ports) and (3) 400W Head Cable ports (A, B, C ports). Upon inserting a lamp's head cable, the wattage is automatically recognized, and the corresponding Power Indicator Light will illuminate. Power is supplied sequentially through interfaces A-B-C-D-E. The Control Box can recognize the wattage of the lamp and determine if it can meet full power output. If not, it assesses if half-power output is feasible; if so, it proceeds with half-power output. If the Control Box has no more power available to distribute, then it recognizes the lamp but refrains from outputting.

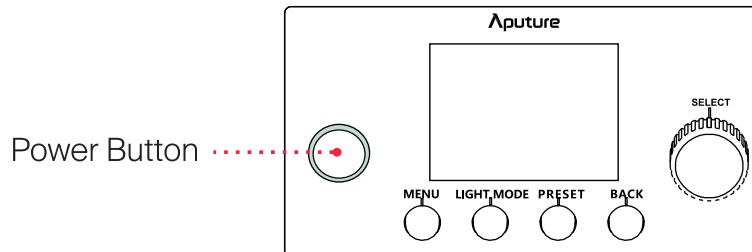
Separate indicator lights are provided to recognize the power of different lamp bodies.

| | |
|--------|--|
| GREEN | Full Power for the INFINIMAT connected to this port. |
| YELLOW | Half-Power for the INFINIMAT connected to this port. |
| RED | Not enough Power for the INFINIMAT model connected to this port. |
| OFF | No INFINIMAT detected on this port. |

Operating Instructions

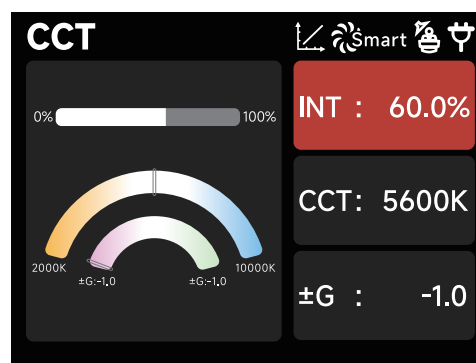
1.Powering On/Off

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



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

1.1 Status Indicator Icons



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

2.Manual Control with the Control Box

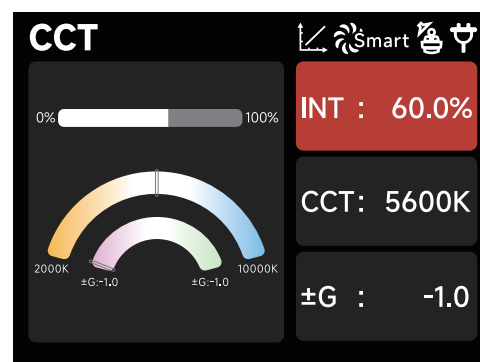
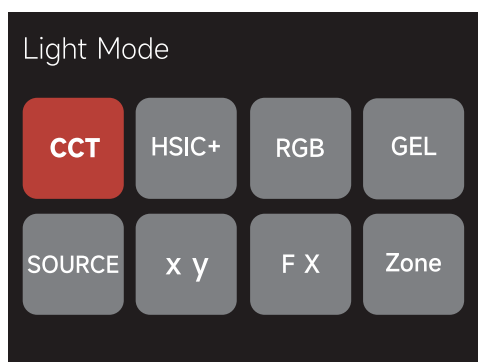
Press the button on the Control Box to enter the corresponding interface: MENU, LIGHT MODE, or PRESET.

2.1 Light Mode

Press the “Light Mode” button to enter the menu interface, which consists of CCT, HSIC+, RGB, GEL, SOURCE, xy, FX, Zone.

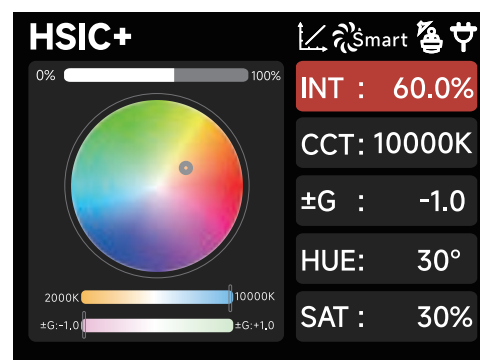
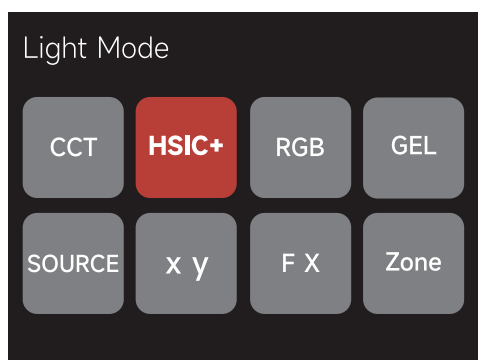
2.1.1 CCT

Adjust the Color Temperature (2000K-10000K) and the Green correction level (-1.00 thru +1.00).



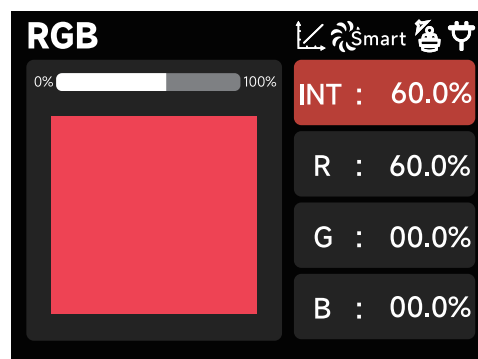
2.1.2 HSIC+

Select the Color Temperature (2000K-10000K), the Green correction level (-1.00 thru +1.00), Hue (0°-360°) and Saturation (0-100%).



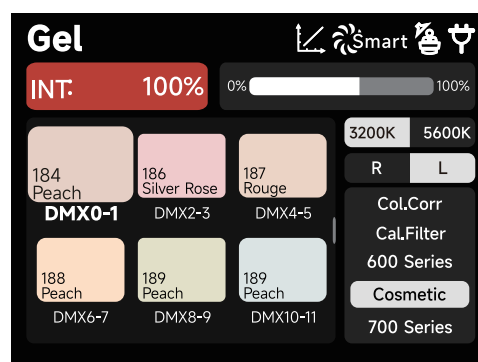
2.1.3 RGB

Set the values of Red, Green and Blue colors (0-100%) to achieve the desired color; then use the Master Intensity to raise and lower the overall brightness of the fixture without changing the colors individually.



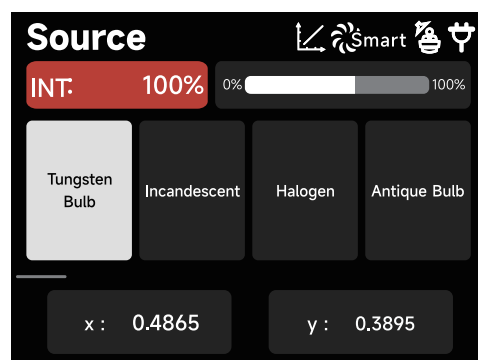
2.1.4 GEL

Select the Intensity, base Color Temperature, Gel Series and desired Gel.



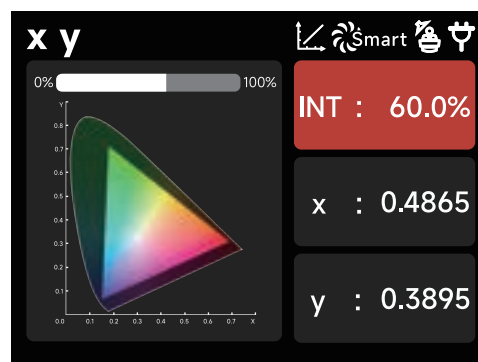
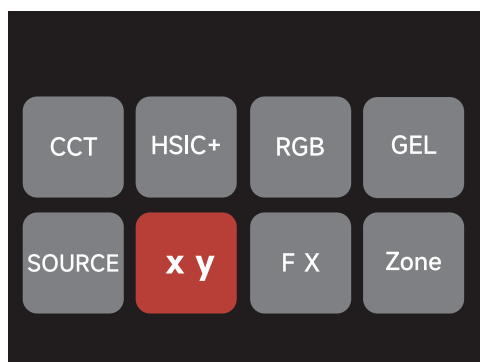
2.1.5 Source

Select the light source to mimic and fine tune the color of the light by adjusting xy coordinates.



2.1.6 xy

Set the x or y coordinate value (0.0000-0.8000) and Intensity.



2.1.7 FX

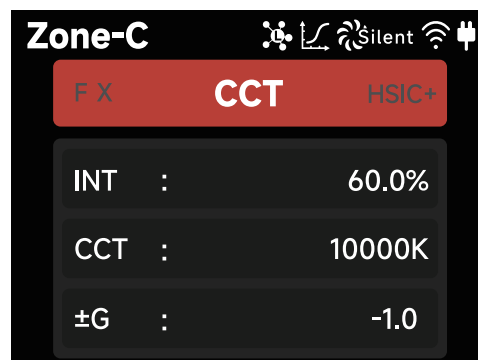
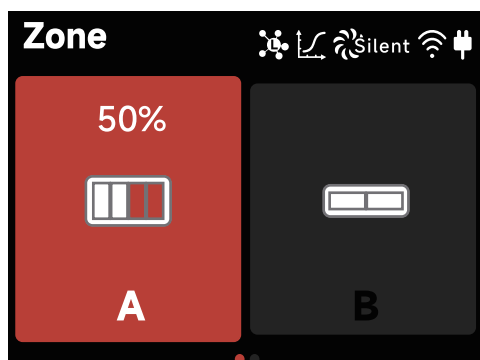
Select the FX mode: Paparazzi / Faulty Bulb II / TV II / Pulsing II / Party Lights / Club Lights / Color Chase / Candle / Welding II / Cop Car II / Strobe II / Lightning II / Fireworks / Explosion II.



2.1.8 Zone

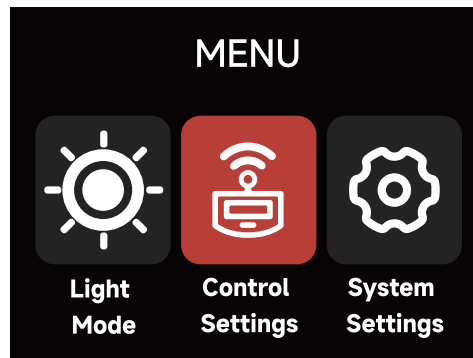
Select the Zone's port. Different ports can be selected for Color and Intensity changes.

By rotating the Select Wheel, you can choose the mode you need, and enter the next interface to adjust the detailed parameters; use the Back Button to switch to a different Zone.

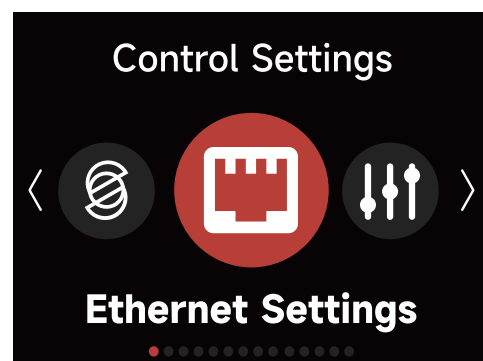
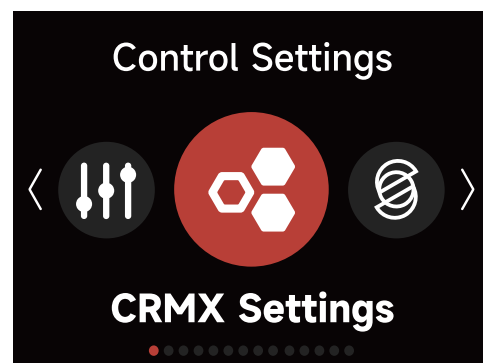


2.2 Control Settings

Press "MENU" to access the interface of the various settings. Choose between: Light Mode, Control Settings, System Settings.

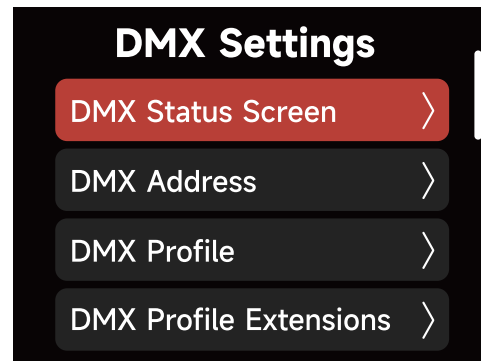


In the Control Settings, choose between: DMX Settings, CRMX Settings, Sidus BT Settings, Ethernet Settings.

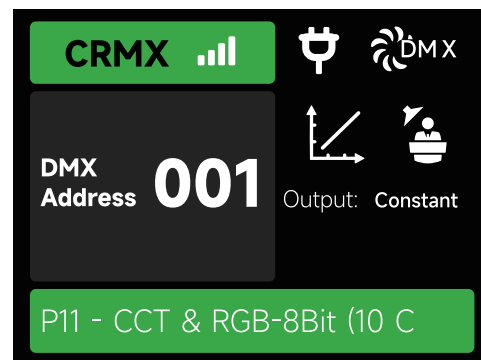
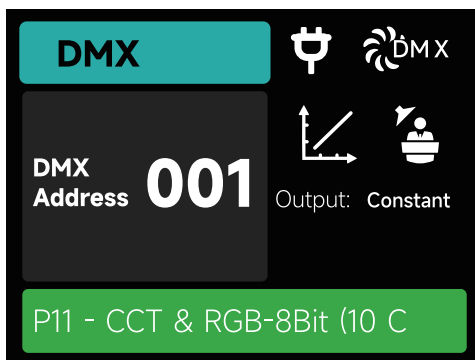


2.2.1 DMX Settings

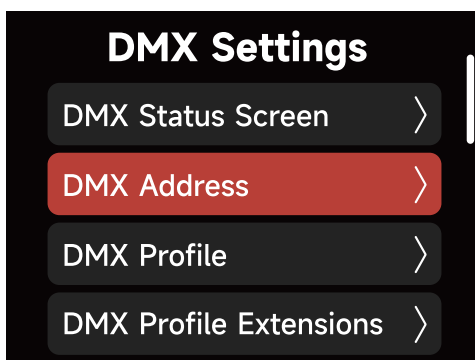
In DMX Settings, you can choose the following options.



1) DMX Status Screen: displays information including: DMX Address, CRMX reception strength, and the DMX Profile in use.

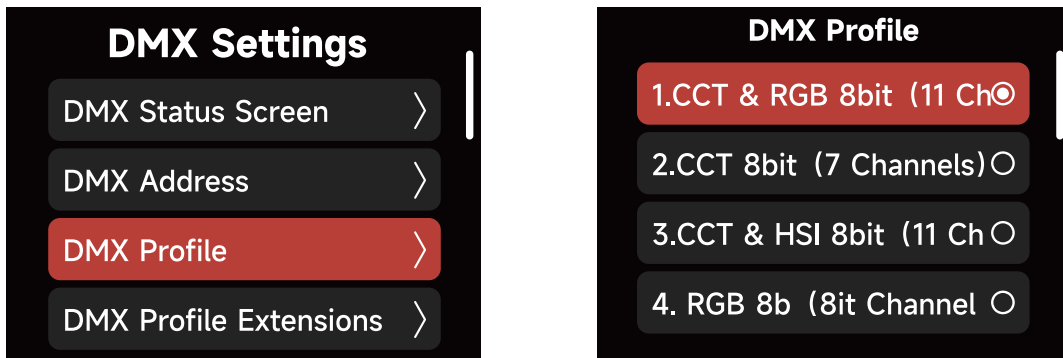


2) DMX Address: set the DMX address of the Control Box.



**The DMX Address assigned to the Control Box, along with the chosen DMX Profile, is continuous across all lamp head ports. For example: If the User chooses to use Profile 4 which is “RGBWW 8Bit 7Channels” and the DMX Address is set to “001”, then Port A will be the (001) address, Port B will automatically be (008) and Port C will automatically be (015); this methodology also applies to Light Engine Modes and should be carefully considered when using fixtures with different amounts of pixels. If utilized, Function Configuration channels should also be accounted for.*

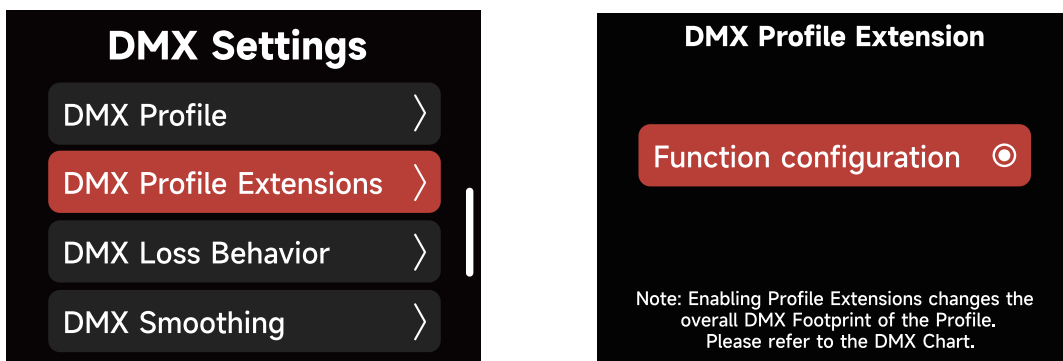
3) DMX Profile: Refer to the DMX Chart for details.



Note: All fixtures attached to the same Control Box use the same DMX profile.

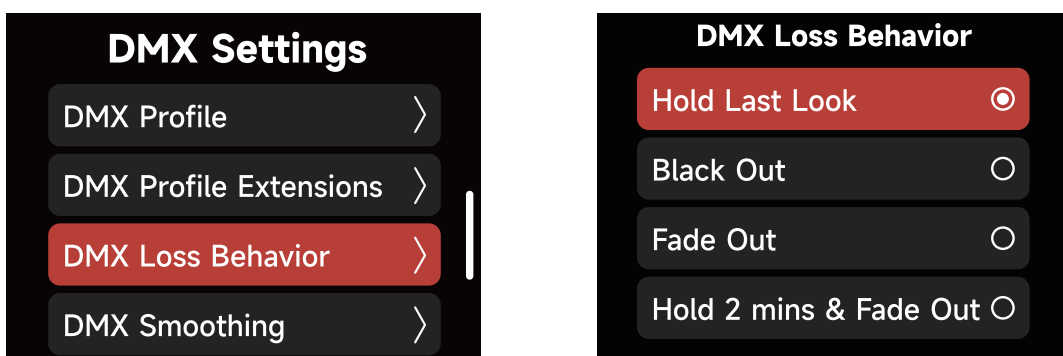
4) DMX Profile Extension:

Function Configuration: When enabled, the required channels (2 total channels) for the Fan and Dimming Curve are added after the end of the current DMX Profile's footprint; when using Light Engine Profiles, the Fan and Dimming Curve channels (2 total channels) are added after the last Light Engine's DMX footprint.



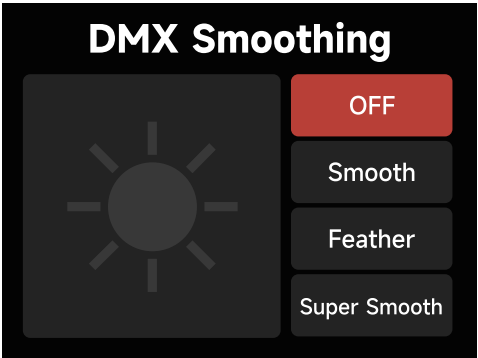
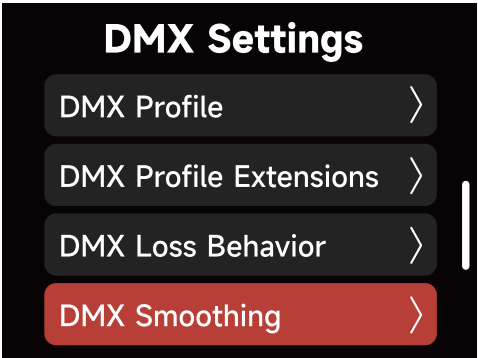
5) DMX Loss Behavior:

- ① Hold Last Look – holds the last control signal when the DMX signal is lost.
- ② Black Out – The light blacks out when the DMX signal is lost.
- ③ Fade to Black – fade to black over 60 seconds after the DMX signal is lost.
- ④ Hold 2 mins & Fade Out – hold the last control signal for 2 minutes and fade out over 60 seconds after the DMX signal is lost.

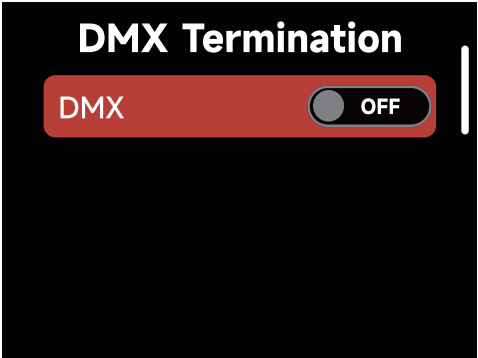
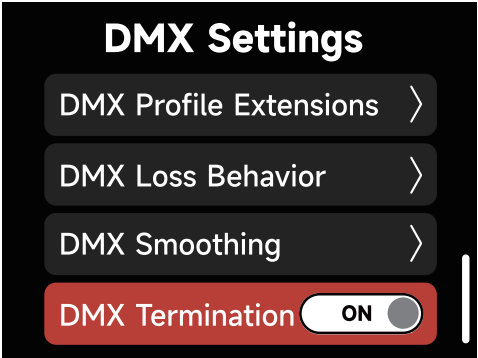


6) DMX Smoothing: set the smoothness of DMX dimming. You can choose between OFF, Smooth, Feather and Super Smooth.

| | |
|--------------|--|
| OFF | No smoothing is applied to DMX Intensity Dimming |
| Smooth | Some smoothing is applied to DMX Intensity Dimming |
| Feather | Some smoothing is applied to DMX Low Intensity Dimming |
| Super Smooth | Maximum smoothing is applied to DMX Intensity Dimming |

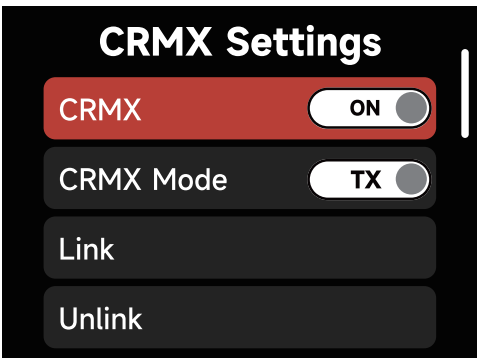
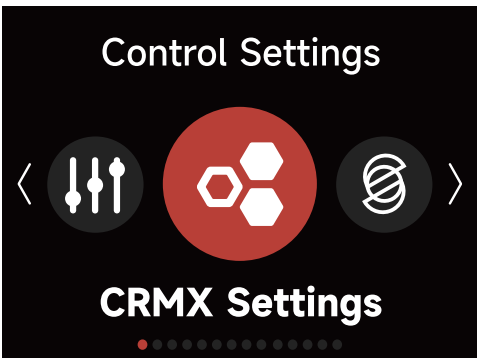


7) DMX Termination: Set this Control Box as the DMX connection termination point to prevent DMX signal reflection.

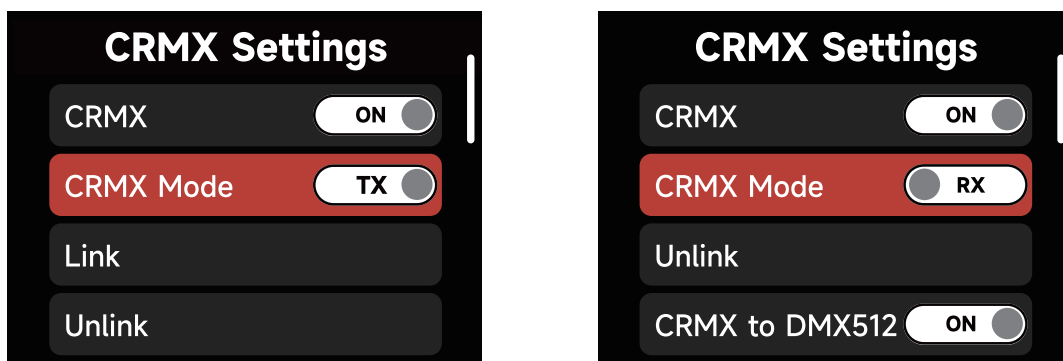


2.2.2 CRMX

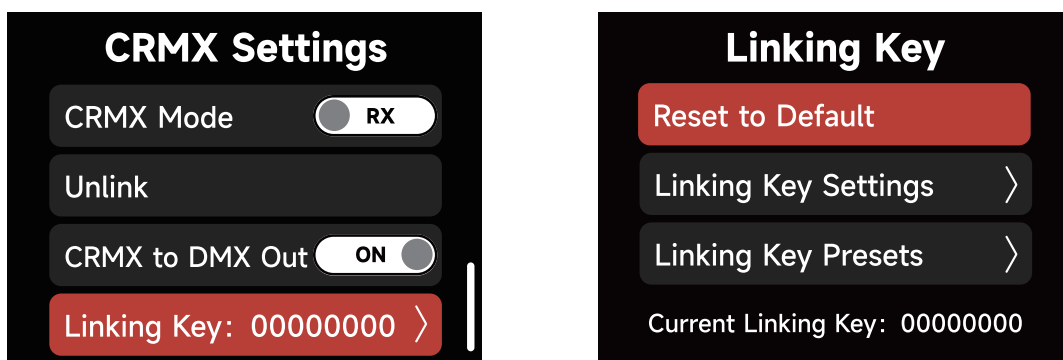
Use the Select Wheel to turn CRMX ON/OFF and choose between TX or RX CRMX Mode.



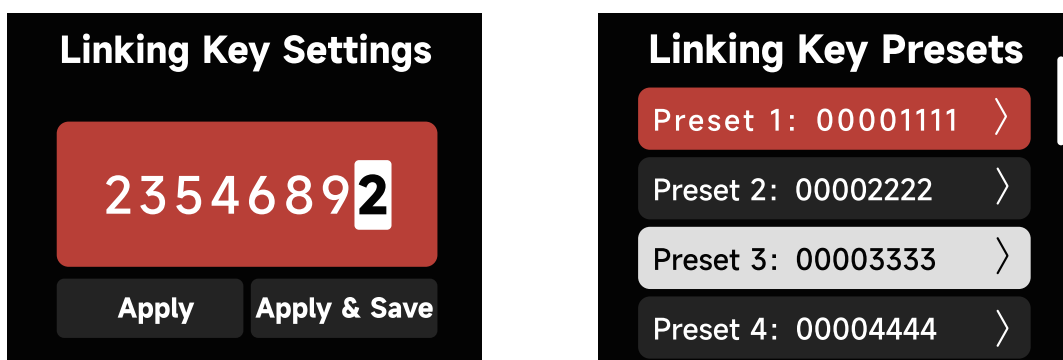
- 1) In TX mode, you can click the Link option to link with any receiving (RX) device which currently does not have a link. Selecting Unlink causes all RX devices to unlink from this TX.
 - 2) When CRMX is ON/Enabled, the fixture will listen for its previously linked Transmitter. If the fixture is currently unlinked, it will listen for a Transmitter link signal and link to any new CRMX link signal received.
- Users can Unlink from previously linked Transmitters by selecting "Unlink".



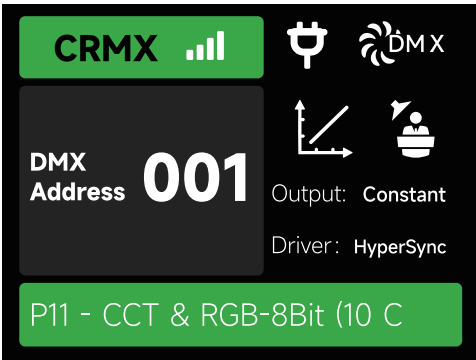
- 3) Linking Key: Provides the ability to set up and manage the Linking Key.
- The initial default Linking Key is set to "00000000".



- 4) In RX Mode, the Linking Key for the Control Box can be set in the Linking Key Settings. Linking Key Presets are also available. Choose "Apply" to adopt the set Linking Key. Choose "Apply & Save" to adopt the set Linking Key and save it to one of the ten possible Presets.

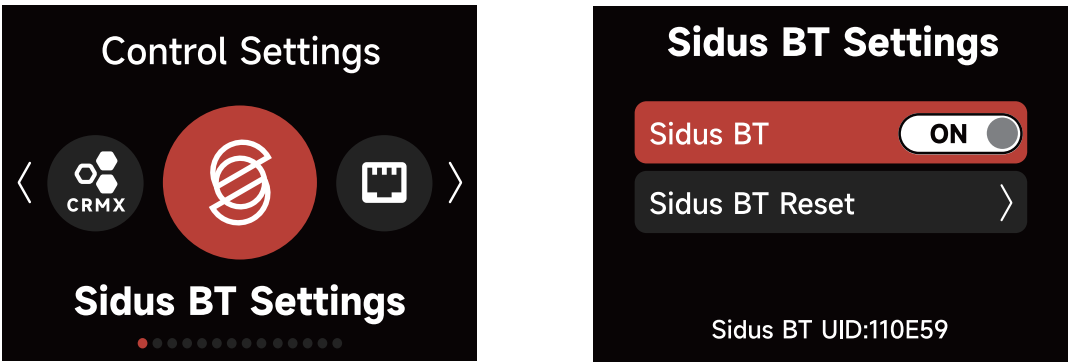


5) When the fixture is connected to a CRMX Transmitter, the Control Box will display the connection status in the DMX Status Screen.

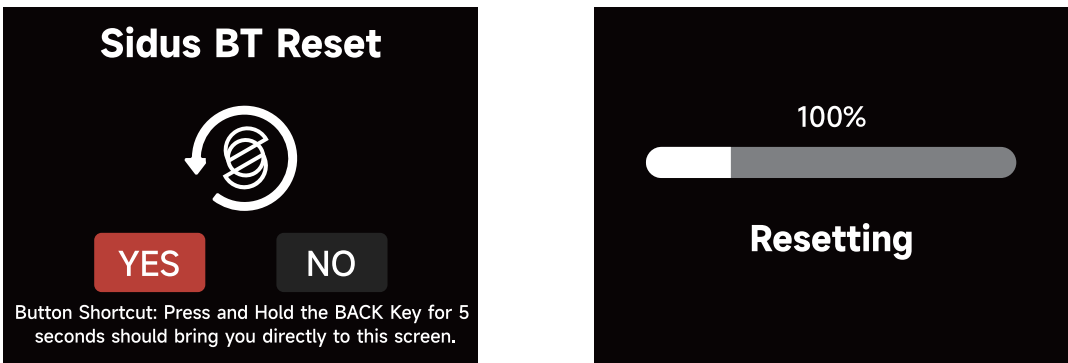


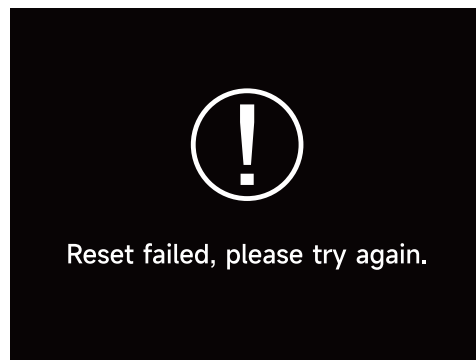
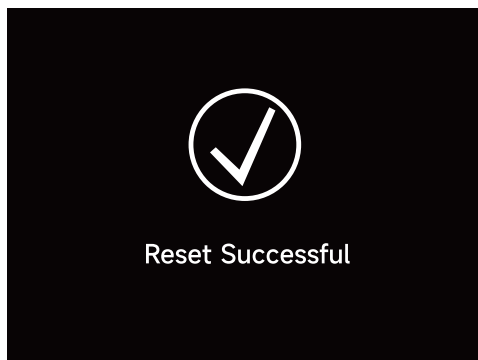
2.2.3 Sidus BT Settings

1) Enable/Disable Sidus Bluetooth.



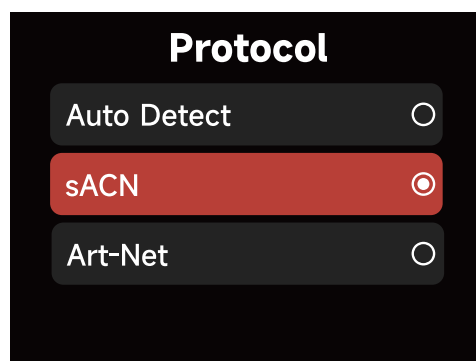
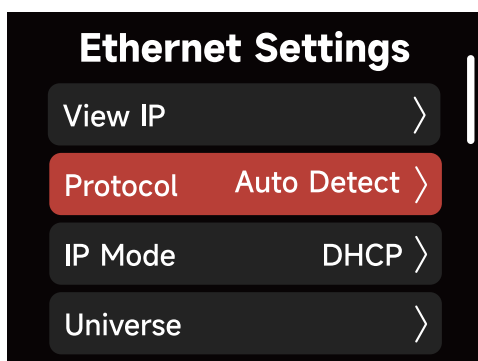
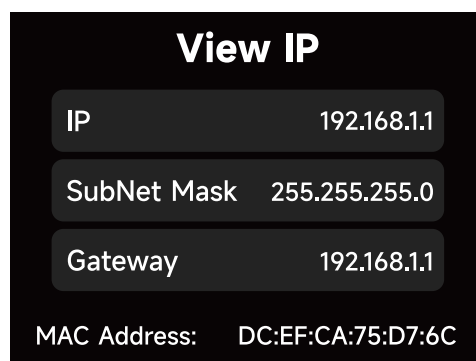
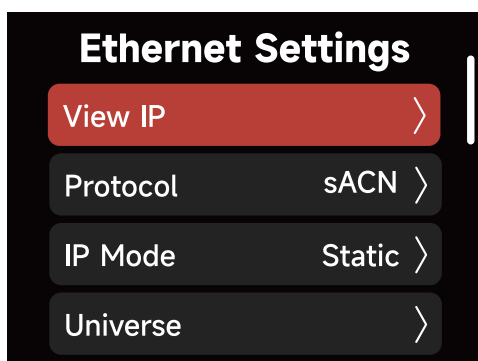
2) Use Sidus BT Reset to allow the Control Box to connect with a new controller. If Sidus BT fails to reset, a "Reset Failed" warning will pop up before returning to the Sidus BT Reset display.



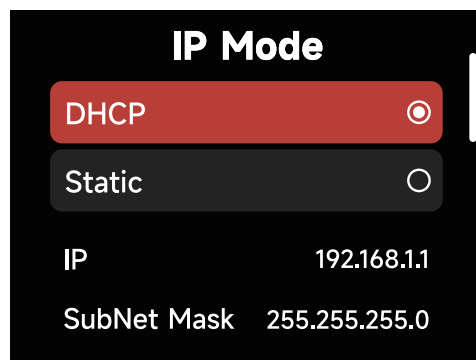
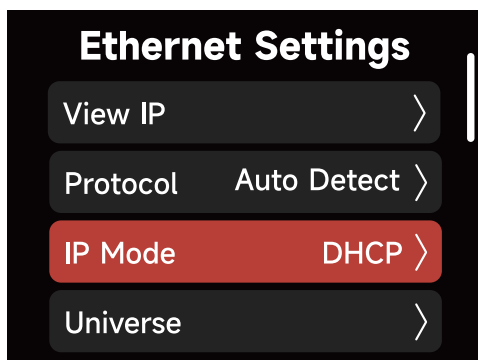


2.2.4 Ethernet Settings

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



2) IP Mode DHCP: The fixture will automatically receive an IP address from the DHCP server. In Auto Set IP mode, you cannot edit the IP Address, Subnet Mask and Gateway IP Address.



3) IP Mode Static: Manually set the IP address, Subnet Mask and the Gateway IP address.

IP Mode

DHCP ☐

Static ☒

Set IP Addr >

Set SubNet Mask >

IP Mode

DHCP ☐

Static ☒

Set IP Addr >

Set SubNet Mask >

Set IP Addr

Edit IP >

IP Presets >

Edit IP

192.168.1.1

Apply Apply & Save

Set SubNet Mask

Edit SubNet Mask >

SubNet Mask Presets >

Set SubNet Mask

255.255.255.0

Apply Apply & Save

Set Gateway

Edit Gateway >

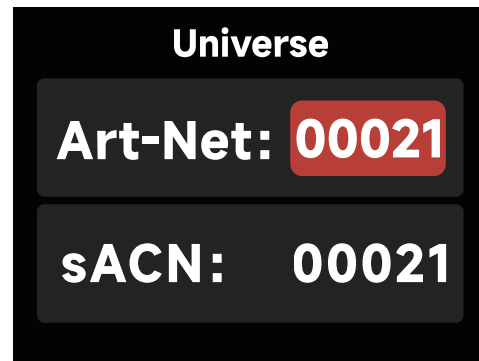
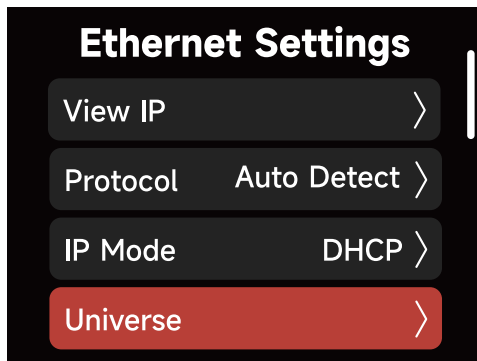
Gateway Presets >

Edit Gateway

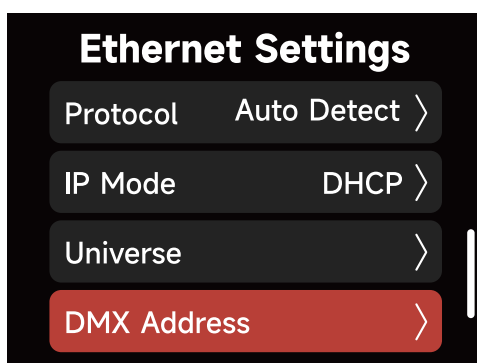
192.168.1.1

Apply Apply & Save

4) Universe: Set the Universe of Art-Net and sACN.

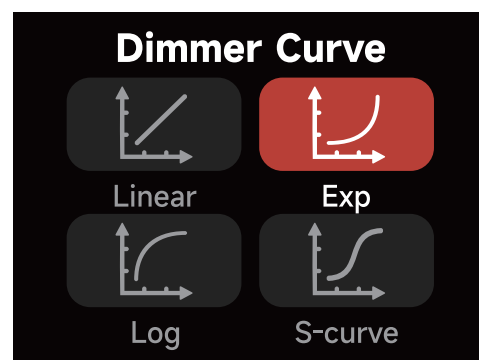
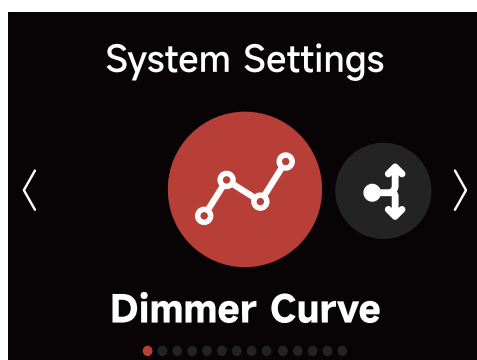


5) DMX Address: Set the DMX Address.



2.2.5 Dimming Curve

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

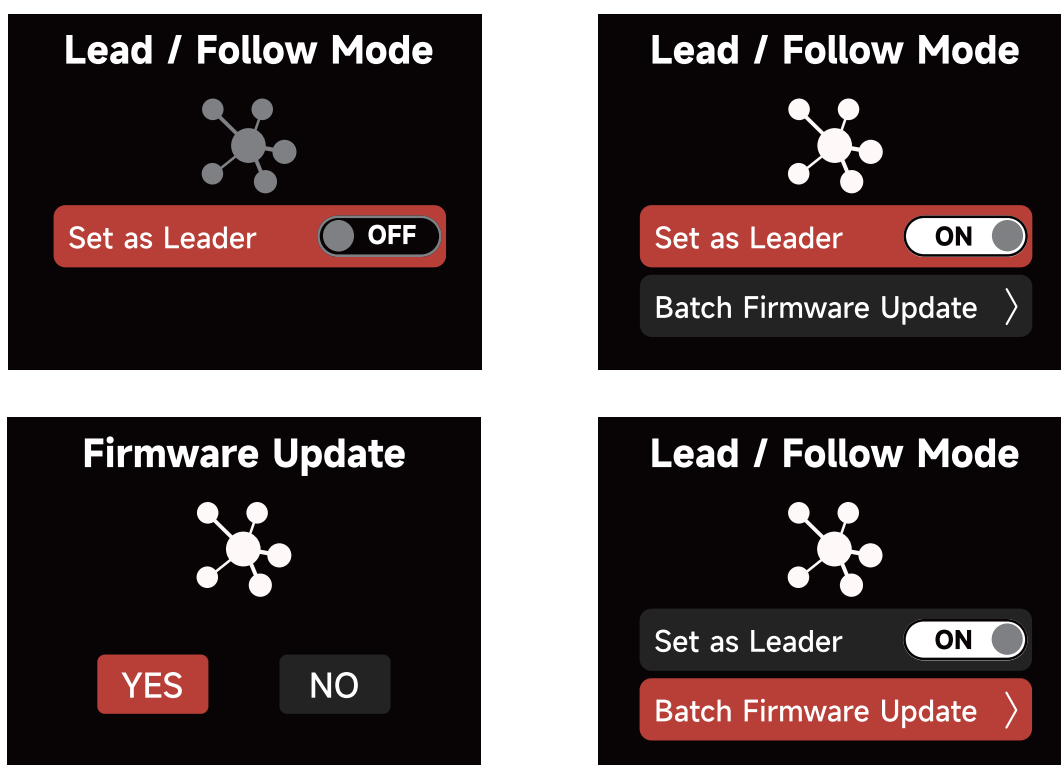


2.2.6 Output Settings

- 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.

2.2.7 Lead/Follow Mode

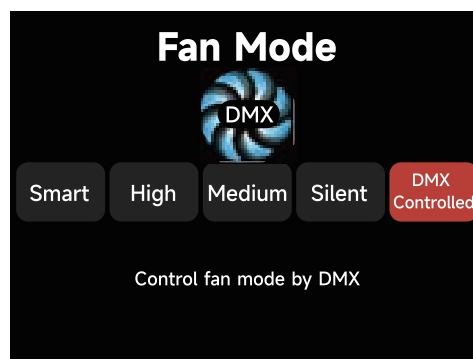
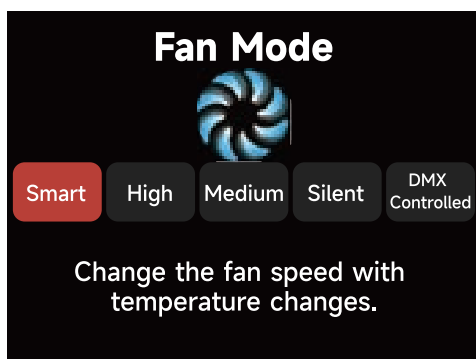
In this interface, set the fixture as either the Leader or the Follower (Leader/"OFF"). The Leader automatically sends its settings to the Follower fixtures for synchronization. Batch upgrades of the firmware from a USB drive in the Leader's port is also possible.



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

2.2.8 Fan Mode

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



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

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

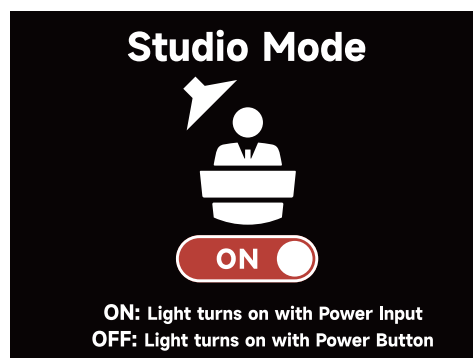
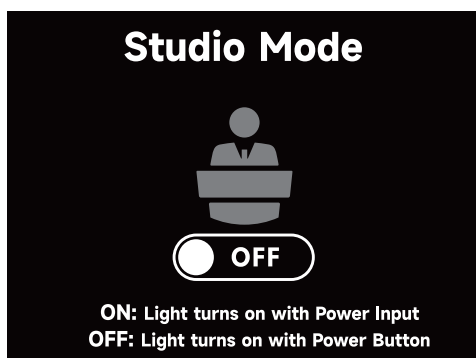
Medium: Capable of working in -20°C through 35°; the fan uses a medium speed.

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

DMX Controlled: fan speed is controlled by the DMX signal. See the DMX Chart for specifics.

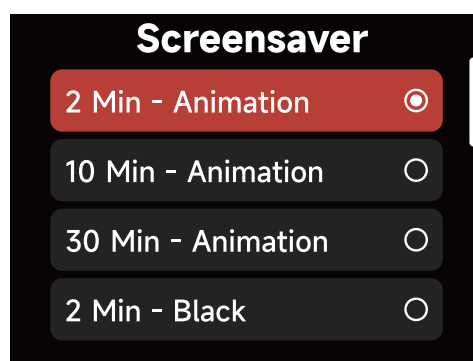
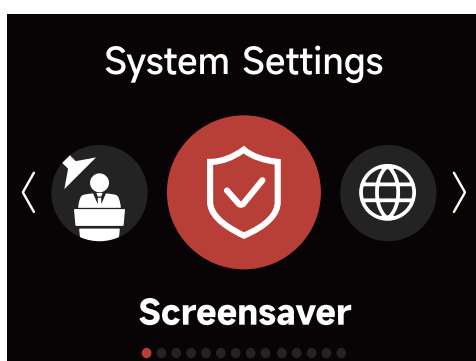
2.2.9 Studio Mode

Press Select to turn ON/OFF Studio Mode. When the 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 the fixture.



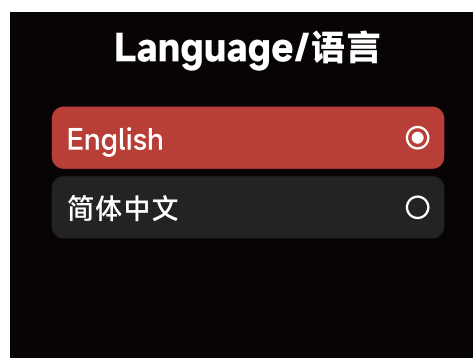
2.2.10 Screensaver

Select the Screensaver time and display behavior.



2.2.11 Language

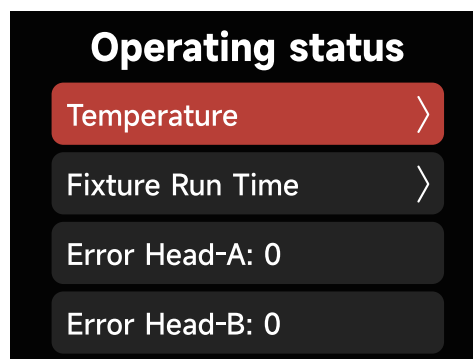
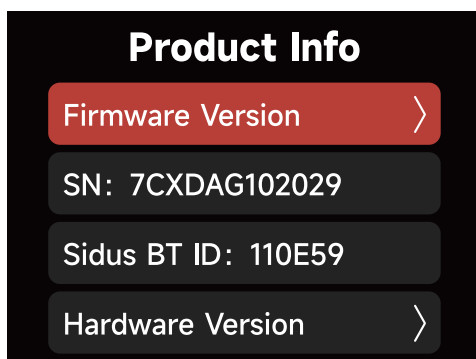
Select English or Chinese and press the Select Wheel to choose.



2.2.12 Product Info

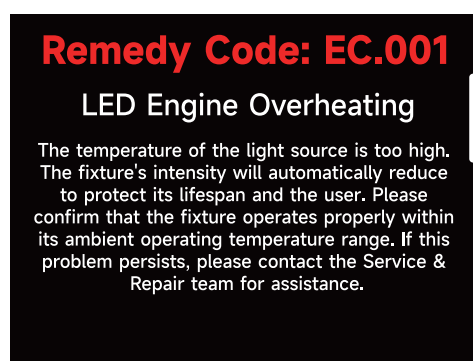
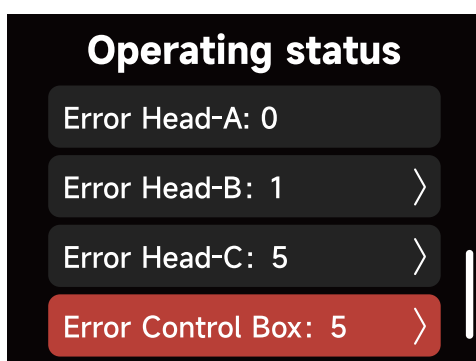
The Firmware Version, SN, Sidus BT ID, Hardware Version and Operating status, can all be checked in the Product Info interface.

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



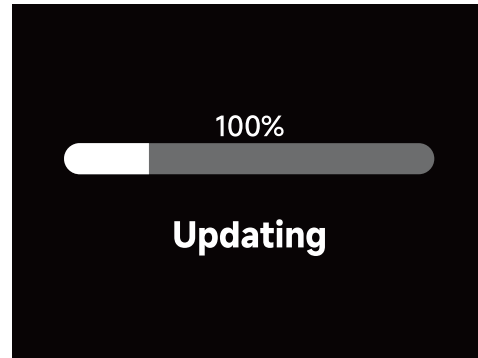
** Error Code : If the fixture fails, a pop-up window will appear to indicate an error. Errors can be referenced in the Product Info/Operating Status interface and are divided into two categories:*

- 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; you can enter the Product Info interface to view the error information.*



2.2.13 Update Firmware

You can 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 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 Heads with any new firmware.



2.2.14 Factory Reset

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

You can choose Pixel Order Check, Reset CRMX, Reset Sidus BT, Default Language.

You may also press the Menu button for 5 seconds for a Factory Reset shortcut to appear.

Factory Settings:

Light Mode: CCT

Intensity: 50%

CCT: 5600K

Language: English

Fan Mode: Smart

Dimming Curve: Linear

Studio Mode: OFF

Control System: Bluetooth enabled, CRMX disabled

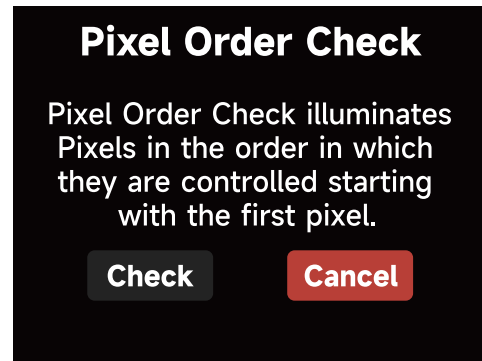
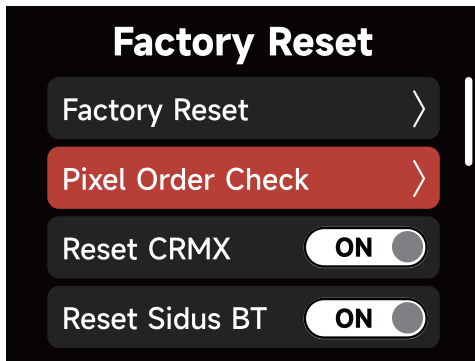
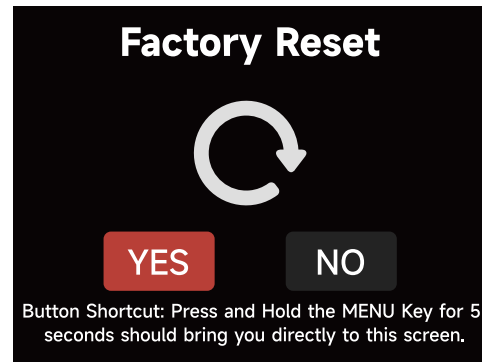
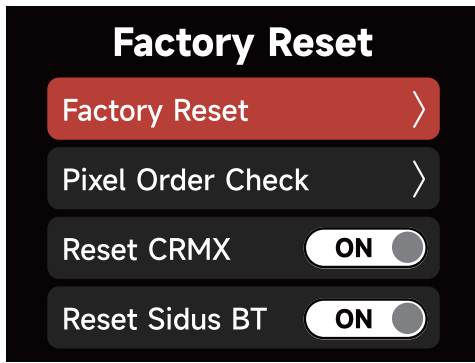
DMX: Channel 001

DMX Loss Behavior: Hold Last Look

DMX Termination: Off

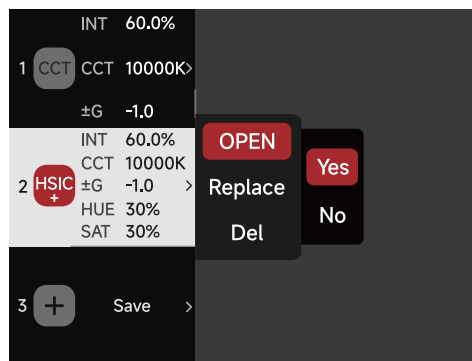
Sidus BT: ON

CRMX: OFF



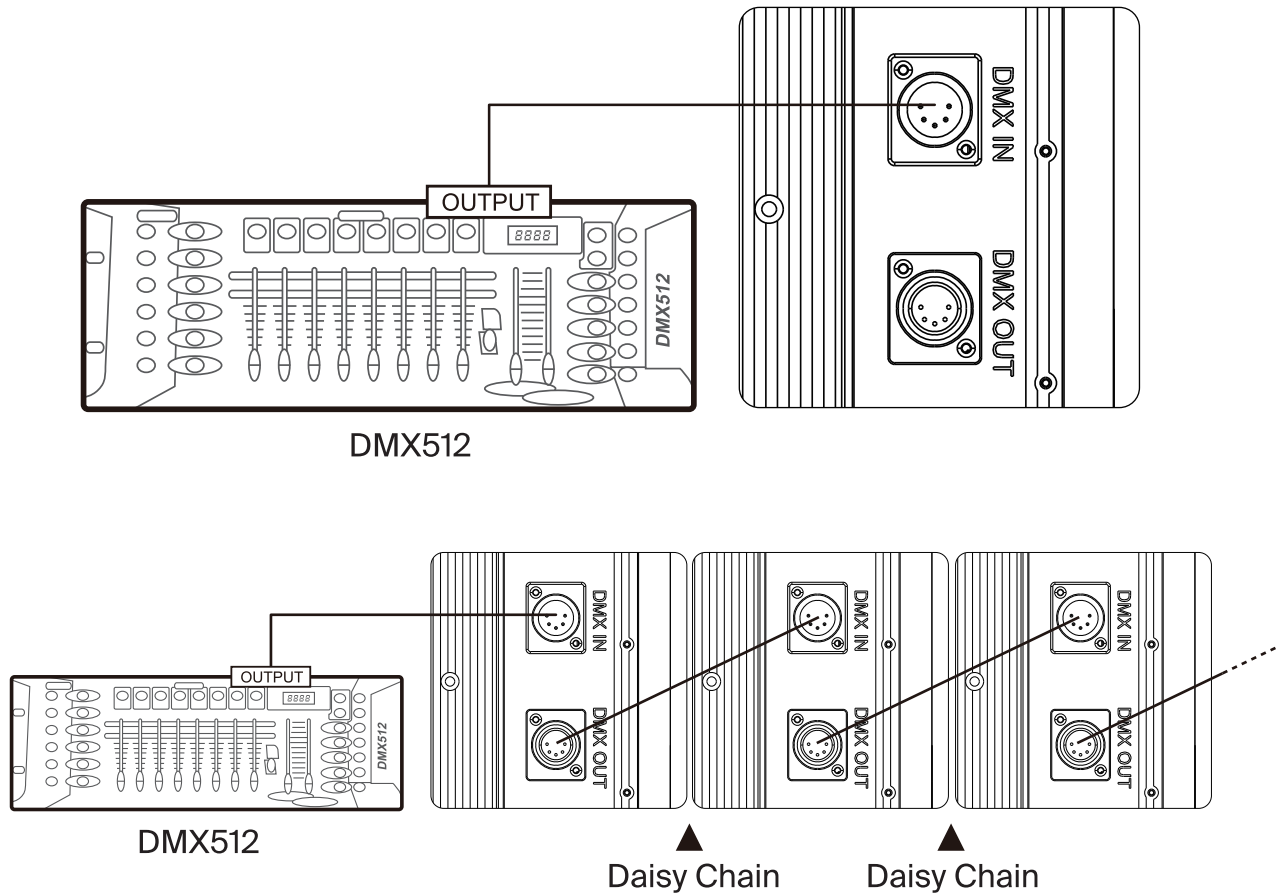
2.3 Presets

10 Light Mode Presets can be saved. Choose your settings within the CCT, HSIC+, RGB, XY, Source or Gel light modes. Then press the PRESET button to open the Preset interface. Select the Preset number to open, replace or delete the Preset



Control with a DMX Console

Connect the Lighting Console to the INFINIMAT Control Box DMX IN Port:



Controlling via DMX

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

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 your Aputure experience with these Apps.



Get Sidus Link[®] App



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

Product Specifications

INFINIMAT 1×2

| | |
|--|---|
| CCT | 2,000K – 10,000K |
| CRI | 96+ |
| TLCI | 97+ |
| CQS(5600K) | 95 |
| CQS(3200K) | 97 |
| SSI (D56) | 74 |
| SSI (D32) | 84 |
| TM-30 RF (Average) | 93 |
| TM-30 RG (Average) | 100 |
| Max Power Consumption | 111W |
| Max Power Output | 81W |
| Weather Resistance Rating | IP65 |
| Pixel Count | 1 pixel |
| Pixel Module | 1×2 |
| Softbox Inflation Time (Air Pump Mini) | 13 sec |
| Full-Inflation Duration | 7 days |
| Operating Temperature | -20°C ~ 50°C |
| Storage Temperature | -20°C ~ 85°C |
| Control Methods | On-Board, Sidus Link and Sidus Link Pro Apps, DMX/RDM, CRMX, sACN/Art-Net |
| Firmware Upgradeable | Sidus Link and Sidus Link Pro Apps, USB-A Drive |
| Wireless Range (Bluetooth & CRMX) | ≤100m / ≤328.1ft |
| Control Box Type | INFINIMAT Control Box 400W |

| | | |
|------------|-------------------------|---|
| Weight | INFINIMAT 1×2 | 1.00kg / 2.20lbs |
| | Inflatable Softbox 1×2 | 0.54kg / 1.19lbs |
| | Light Control Skirt 1×2 | 0.49kg / 1.07lbs |
| | Light Control Grid 1×2 | 0.46kg / 1.01lbs |
| | Carrying Case | 4.00kg / 8.82lbs |
| Dimensions | INFINIMAT 1×2 | 66.00 x 34.00cm / 2.17 x 1.12ft |
| | Inflatable Softbox 1×2 | 66.00 x 34.00 x 17.00cm / 2.17 x 1.12 x 0.56ft |
| | Light Control Skirt 1×2 | 190.00 x 49.00cm / 74.80 x 19.29in |
| | Light Control Grid 1×2 | 60.00 x 38.00cm / 1.97 x 1.25ft |
| | Carrying Case | 76.50 x 47.00 x 26.00cm / 30.11 x 18.50 x 10.23in |

INFINIMAT 1×4

| | |
|---------------------------|------------------|
| CCT | 2,000K – 10,000K |
| CRI | 96+ |
| TLCI | 97+ |
| CQS(5600K) | 95 |
| CQS(3200K) | 97 |
| SSI (D56) | 74 |
| SSI (D32) | 84 |
| TM-30 RF (Average) | 93 |
| TM-30 RG (Average) | 100 |
| Max Power Consumption | 201W |
| Max Power Output | 162W |
| Weather Resistance Rating | IP65 |
| Pixel Count | 2 pixels |
| Pixel Module | 1×2 |

| | | |
|--|-------------------------|---|
| Softbox Inflation Time (Air Pump Mini) | | 28 sec |
| Softbox Inflation Time (Air Pump Max) | | 3 sec |
| Full-Inflation Duration | | 7 days |
| Operating Temperature | | -20°C ~ 50°C |
| Storage Temperature | | -20°C ~ 85°C |
| Control Methods | | On-Board, Sidus Link and Sidus Link Pro Apps, DMX/RDM, CRMX, sACN/Art-Net |
| Firmware Upgradeable | | Sidus Link and Sidus Link Pro Apps, USB-A Drive |
| Wireless Range (Bluetooth & CRMX) | | ≤100m / ≤328.1ft |
| Control Box Type | | INFINIMAT Control Box 400W |
| Weight | INFINIMAT 1×4 | 2.40kg / 5.29lbs |
| | Inflatable Softbox 1×4 | 0.86kg / 1.90lbs |
| | Light Control Skirt 1×4 | 0.78kg / 1.72lbs |
| | Light Control Grid 1×4 | 0.71kg / 1.56lbs |
| | Carrying Case | 4.00kg / 8.82lbs |
| Dimensions | INFINIMAT 1×4 | 124.00 x 34.00cm / 4.07 x 1.12ft |
| | Inflatable Softbox 1×4 | 124.00 x 34.00 x 17.00cm / 4.07 x 1.12 x 0.56ft |
| | Light Control Skirt 1×4 | 300.00 x 50.00cm / 118.00 x 19.69in |
| | Light Control Grid 1×4 | 122.00 x 35.00cm / 4.00 x 1.14ft |
| | Carrying Case | 76.50 x 47.00 x 26.00cm / 30.11 x 18.50 x 10.23in |

INFINIMAT 2×4

| | |
|------------|------------------|
| CCT | 2,000K – 10,000K |
| CRI | 96+ |
| TLCI | 97+ |
| CQS(5600K) | 95 |
| CQS(3200K) | 97 |

| | | |
|--|-------------------------|---|
| SSI (D56) | | 74 |
| SSI (D32) | | 84 |
| TM-30 RF (Average) | | 93 |
| TM-30 RG (Average) | | 100 |
| Max Power Consumption | | 400W |
| Max Power Output | | 324W |
| Weather Resistance Rating | | IP65 |
| Pixel Count | | 4 pixels |
| Pixel Module | | 1×2 |
| Softbox Inflation Time (Air Pump Mini) | | 50 sec |
| Softbox Inflation Time (Air Pump Max) | | 6 sec |
| Full-Inflation Duration | | 7 days |
| Operating Temperature | | -20°C ~ 50°C |
| Storage Temperature | | -20°C ~ 85°C |
| Control Methods | | On-Board, Sidus Link and Sidus Link Pro Apps, DMX/RDM, CRMX, sACN/Art-Net |
| Firmware Upgradeable | | Sidus Link and Sidus Link Pro Apps, USB-A Drive |
| Wireless Range (Bluetooth & CRMX) | | ≤100m / ≤328.1ft |
| Control Box Type | | INFINIMAT Control Box 400W |
| Weight | INFINIMAT 2×4 | 4.80kg / 10.58lbs |
| | Inflatable Softbox 2×4 | 1.22kg / 2.69lbs |
| | Light Control Skirt 2×4 | 0.81kg / 1.78lbs |
| | Light Control Grid2×4 | 0.93kg / 2.04lbs |
| | Carrying Case | 4.00kg / 8.82lbs |
| Dimensions | INFINIMAT 2×4 | 122.00 x 63.50cm / 4.00 x 2.08ft |
| | Inflatable Softbox 2×4 | 122.00 x 64.00 x 17.00cm / 4.00 x 2.10 x 0.56ft |
| | Light Control Skirt 2×4 | 350.00 x 50.00cm / 137.80 x 19.69in |

| | | |
|------------|------------------------|---|
| Dimensions | Light Control Grid 2×4 | 120.00 x 56.00cm / 3.94 x 1.84ft |
| | Carrying Case | 76.50 x 47.00 x 26.00cm / 30.11 x 18.50 x 10.23in |

INFINIMAT 4×4

| | |
|--|---|
| CCT | 2,000K – 10,000K |
| CRI | 96+ |
| TLCI | 97+ |
| CQS(5600K) | 95 |
| CQS(3200K) | 97 |
| SSI (D56) | 74 |
| SSI (D32) | 84 |
| TM-30 RF (Average) | 93 |
| TM-30 RG (Average) | 100 |
| Max Power Consumption | 800W |
| Max Power Output | 640W |
| Weather Resistance Rating | IP65 |
| Pixel Count | 4 pixels |
| Pixel Module | 2×2 |
| Softbox Inflation Time (Air Pump Mini) | 1 min 50 sec |
| Softbox Inflation Time (Air Pump Max) | 17 sec |
| Full-Inflation Duration | 7 days |
| Operating Temperature | -20°C ~ 50°C |
| Storage Temperature | -20°C ~ 85°C |
| Control Methods | On-Board, Sidus Link and Sidus Link Pro Apps, DMX/RDM, CRMX, sACN/Art-Net |
| Firmware Upgradeable | Sidus Link and Sidus Link Pro Apps, USB-A Drive |
| Wireless Range (Bluetooth & CRMX) | ≤100m / ≤328.1ft |

| | | |
|------------------|-------------------------|---|
| Control Box Type | | INFINIMAT Control Box 1600W |
| Weight | INFINIMAT 4×4 | 8.36kg / 18.43lbs |
| | Inflatable Softbox 4×4 | 1.97kg / 4.34lbs |
| | Light Control Skirt 4×4 | 1.15Kg / 2.53lbs |
| | Light Control Grid4×4 | 1.25Kg / 2.75lbs |
| | Rolling Case | 17kg / 37.48lbs |
| Dimensions | INFINIMAT 4×4 | 121.00 x 121.00cm / 3.97 x 3.97ft |
| | Inflatable Softbox 4×4 | 121.00 x 121.00 x 17.00cm / 3.97 x 3.97 x 0.56ft |
| | Light Control Skirt 4×4 | 120.00cm x 120.00cm / 47.24 x 47.24in |
| | Light Control Grid 4×4 | 117.00cm x 117.00cm / 3.84 x 3.84ft |
| | Rolling Case | 85.30 x 73.40 x 36.80cm / 33.58 x 28.89 x 14.49in |

INFINIMAT Control Box 400W

| | |
|-----------------------------------|-----------------------------|
| Operating Voltage | 100 - 240 VAC |
| Operating Current | 5A max |
| Wireless Range (Bluetooth & CRMX) | ≤100m / ≤328.1ft |
| Mount | K-Mount |
| Interface | 3 x 100W/200W/400W |
| AC Cable | 6m |
| Head Cable | 7.5m, 15m (Sold separately) |
| DC Interface | 48V |
| Battery Plate | V-Mount & Gold Mount |
| V / Gold Mount | 14.4V, 26V, 28.8V |
| Daisy Chain Current | 16A (Max) |
| Cooling Method | Active Cooling |
| Protection grade | IP65 |

| | |
|--------------------------|---|
| Dimensions | 33.50 x 22.00 x 24.00cm / 13.19 x 8.66 x 9.45in |
| Weight | 7.2kg / 15.87lbs |
| Carrying Case Dimensions | 43.50 x 39.50 x 31.40cm / 17.13 x 15.55 x 12.36in |
| Carrying Case Weight | 2.9kg / 6.39lbs |

INFINIMAT Control Box 1600W

| | |
|-----------------------------------|---|
| Operating Voltage | 100 - 240 VAC |
| Operating Current | 23-9 A |
| Wireless Range (Bluetooth & CRMX) | ≤100m / ≤328.1ft |
| Interface | 3 x 100W/200W/400W 2 x 800W/1600W |
| AC Cable | 6m |
| Head Cable | 7.5m , 15m |
| DC Interface 1 & 2 | 48V |
| Cooling Method | Active Cooling |
| Protection grade | IP65 |
| Dimensions | 27.30 x 26.20 x 55.00cm / 10.75 x 10.31 x 21.65in |
| Weight | 19.38kg / 42.73lbs |
| Rolling Case Dimensions | 68.0 x 45.0 x 40.7cm / 26.77 x 17.71 x 16.02in |
| Rolling Case Weight | 7.5kg / 16.53lbs |

Photometric Data

INFINIMAT 1x2

| CCT | Distance | No Modifier | Inflatable Softbox | Inflatable Softbox + Control Grid |
|---------|----------|-------------|--------------------|-----------------------------------|
| 2,000K | 1 m | 2,650 lux | 2,135 lux | 1,595 lux |
| | | 246 fc | 199 fc | 148 fc |
| | 3 m | 330 lux | 226 lux | 175 lux |
| | | 31 fc | 21 fc | 16 fc |
| 3,200K | 1 m | 3,210 lux | 2,573 lux | 1,939 lux |
| | | 299 fc | 239 fc | 180 fc |
| | 3 m | 409 lux | 273 lux | 211 lux |
| | | 38 fc | 25 fc | 20 fc |
| 4,300K | 1 m | 3,360 lux | 2,657 lux | 2,004 lux |
| | | 312 fc | 247 fc | 186 fc |
| | 3 m | 424 lux | 281 lux | 221 lux |
| | | 39 fc | 26 fc | 21 fc |
| 5,600K | 1 m | 3,590 lux | 2,895 lux | 2,183 lux |
| | | 334 fc | 269 fc | 203 fc |
| | 3 m | 443 lux | 319 lux | 235 lux |
| | | 41 fc | 30 fc | 22 fc |
| 6,500K | 1 m | 3,530 lux | 2,852 lux | 2,152 lux |
| | | 328 fc | 265 fc | 200 fc |
| | 3 m | 450 lux | 302 lux | 233 lux |
| | | 42 fc | 28 fc | 22 fc |
| 10,000K | 1 m | 3,230 lux | 2,620 lux | 1,974 lux |
| | | 300 fc | 244 fc | 184 fc |
| | 3 m | 407 lux | 275 lux | 212 lux |
| | | 38 fc | 26 fc | 20 fc |

INFINIMAT 1x4

| CCT | Distance | No Modifier | Inflatable Softbox | Inflatable Softbox + Control Grid |
|---------|----------|-------------|--------------------|-----------------------------------|
| 2,000K | 1 m | 4,400 lux | 3,540 lux | 2,910 lux |
| | | 409 fc | 329 fc | 271 fc |
| | 3 m | 714 lux | 416 lux | 373 lux |
| | | 66 fc | 39 fc | 35 fc |
| 3,200K | 1 m | 5,400 lux | 4,310 lux | 3,510 lux |
| | | 502 fc | 401 fc | 326 fc |
| | 3 m | 855 lux | 514 lux | 449 lux |
| | | 80 fc | 48 fc | 42 fc |
| 4,300K | 1 m | 5,720 lux | 4,560 lux | 3,590 lux |
| | | 532 fc | 424 fc | 334 fc |
| | 3 m | 906 lux | 547 lux | 466 lux |
| | | 84 fc | 51 fc | 43 fc |
| 5,600K | 1 m | 6,140 lux | 4,900 lux | 3,870 lux |
| | | 571 fc | 456 fc | 360 fc |
| | 3 m | 972 lux | 586 lux | 494 lux |
| | | 90 fc | 54 fc | 46 fc |
| 6,500K | 1 m | 6,090 lux | 4,870 lux | 3,840 lux |
| | | 566 fc | 453 fc | 357 fc |
| | 3 m | 960 lux | 582 lux | 490 lux |
| | | 89 fc | 54 fc | 46 fc |
| 10,000K | 1 m | 5,530 lux | 4,440 lux | 3,460 lux |
| | | 514 fc | 413 fc | 322 fc |
| | 3 m | 874 lux | 531 lux | 442 lux |
| | | 81 fc | 49 fc | 41 fc |

INFINIMAT 2×4

| CCT | Distance | No Modifier | Inflatable Softbox | Inflatable Softbox + Control Grid |
|---------|----------|-------------|--------------------|-----------------------------------|
| 2,000K | 1 m | 9,390 lux | 8,500 lux | 5,350 lux |
| | | 873 fc | 791 fc | 498 fc |
| | 3 m | 1,251 lux | 939 lux | 767 lux |
| | | 116 fc | 87 fc | 71 fc |
| 3,200K | 1 m | 1,459 lux | 1,115 lux | 890 lux |
| | | 136 fc | 104 fc | 83 fc |
| | 3 m | 1,459 lux | 1,115 lux | 890 lux |
| | | 136 fc | 104 fc | 83 fc |
| 4,300K | 1 m | 11,730 lux | 10,500 lux | 6,470 lux |
| | | 1,091 fc | 977 fc | 602 fc |
| | 3 m | 1,526 lux | 1,170 lux | 913 lux |
| | | 142 fc | 109 fc | 85 fc |
| 5,600K | 1 m | 12,510 lux | 11,250 lux | 7,010 lux |
| | | 1,163 fc | 1,046 fc | 652 fc |
| | 3 m | 1,630 lux | 1,247 lux | 988 lux |
| | | 152 fc | 116 fc | 92 fc |
| 6,500K | 1 m | 12,360 lux | 11,160 lux | 6,940 lux |
| | | 1,149 fc | 1,038 fc | 645 fc |
| | 3 m | 1,608 lux | 1,234 lux | 982 lux |
| | | 150 fc | 115 fc | 91 fc |
| 10,000K | 1 m | 11,060 lux | 10,020 lux | 6,220 lux |
| | | 1,029 fc | 932 fc | 578 fc |
| | 3 m | 1,439 lux | 1,107 lux | 877 lux |
| | | 134 fc | 103 fc | 82 fc |

INFINIMAT 4x4

| CCT | Distance | No Modifier | Inflatable Softbox | Inflatable Softbox + Control Grid |
|---------|----------|-------------|--------------------|-----------------------------------|
| 2,000K | 1 m | 15,630 lux | 12,020 lux | 7,380 lux |
| | | 1,454 fc | 1,118 fc | 686 fc |
| | 3 m | 2,330 lux | 1,785 lux | 1,509 lux |
| | | 217 fc | 166 fc | 140 fc |
| 3,200K | 1 m | 19,100 lux | 14,600 lux | 8,730 lux |
| | | 1,776 fc | 1,358 fc | 812 fc |
| | 3 m | 2,822 lux | 2,164 lux | 1,816 lux |
| | | 262 fc | 201 fc | 169 fc |
| 4,300K | 1 m | 20,070 lux | 15,400 lux | 9,210 lux |
| | | 1,867 fc | 1,432 fc | 857 fc |
| | 3 m | 2,968 lux | 2,286 lux | 1,914 lux |
| | | 276 fc | 213 fc | 178 fc |
| 5,600K | 1 m | 21,500 lux | 16,520 lux | 9,910 lux |
| | | 2,000 fc | 1,536 fc | 922 fc |
| | 3 m | 3,170 lux | 2,453 lux | 2,059 lux |
| | | 295 fc | 228 fc | 191 fc |
| 6,500K | 1 m | 20,990 lux | 16,130 lux | 9,660 lux |
| | | 1,952 fc | 1,500 fc | 898 fc |
| | 3 m | 3,100 lux | 2,395 lux | 2,009 lux |
| | | 288 fc | 223 fc | 187 fc |
| 10,000K | 1 m | 19,440 lux | 15,010 lux | 8,990 lux |
| | | 1,808 fc | 1,396 fc | 836 fc |
| | 3 m | 3,100 lux | 2,395 lux | 2,009 lux |
| | | 288 fc | 223 fc | 187 fc |

Using the Aputure INFINIMAT Patch Kit

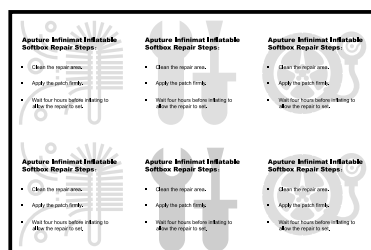
To ensure the Inflatable Softbox operation, prevent contact with sharp objects. In the event of airbag deflation due to punctures, use the included INFINIMAT Patch Kit for repair.

1. Locate the source of the air leak, using a small amount of soap water made with mild detergent is recommended when locating punctured areas that are too small to find with naked eyes.
2. Measure the size of the opening, and deflate the damaged airbag.
3. Cut the provided Patch Kit into appropriate size for the repair required, making sure there is a minimum of 1" (25mm) of the tape surrounding the damaged area.
4. Adhere the tape onto the damaged area, ensuring a complete contact is achieved between the tape and the airbag.
5. Allow 4 hours for the basic amount of adhesion to be achieved. The airbag is now ready for inflation again - do not overinflate.

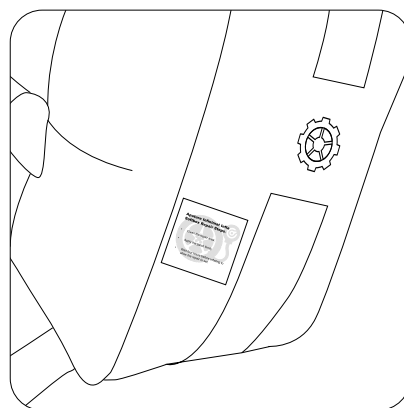
** Once repaired with a Patch Kit, the airbag may deflate more easily compared to an airbag that is entirely free of any air leaks. Depending on the size of the damage, here are the estimated duration of air retention for different repaired Inflatable Softbox sizes:*

- 1x2 to 4x4: 18-24 hours
- 8x8 to 20x20: 2-4 hours

**In order to ensure optimum performance of the Inflatable Softbox after a puncture has occurred, replace the damaged unit with a new one.*



Aputure INFINIMAT Patch Kit



Important 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 people operating the fixture.
12. Power this fixture by connecting it to a grounded outlet.
13. Do not block the ventilation openings or look at the LED light source directly when it is powered on.



14. Do not place the product near combustible and volatile solvents to avoid product damage.
15. Use a soft and dry cloth to clean the device.
16. Ensure all the ports and plugs are completely dry when using the fixture in wet environments to avoid short circuit or electric shock.
17. 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.

18. 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.
19. 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.
20. 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.

Safety Instructions for Inflatable Softbox

1. Inflatable Softbox should be kept away from sharp objects to avoid puncturing the airbag. Users should ensure that there are no sharp objects in the vicinity when using the airbag.
2. Use the inflation tools or equipment provided or recommended by Aputure to ensure proper inflation of the airbag and avoid using inappropriate inflation tools with excessive power.
3. Before using the INFINIMAT air pump for inflation, please ensure that the inflatable soft box is laid out evenly to avoid uneven inflation, which may lead to the rupture of internal softbox straps.
4. During the inflation process, if you notice that the inflatable airbag starts to visibly expand and the pressure relief valve begins to operate to release gas, this is a normal phenomenon designed to prevent over-inflation of the airbag and reduce the risk of damage. At this point, please stop the inflation operation immediately.
5. If you discover a leak in the inflatable softbox, you can use provided repair patches to fix it. These repair patches can effectively seal small holes or cracks on the airbag, ensuring that the airbag remains intact. To ensure that the repair patches are properly applied, the repair instructions provided by Aputure should be followed. This will extend the life of the inflatable softbox and ensure its proper operation.
6. When not in use, store the equipment in a dry environment, away from water sources, humidity, and extreme temperatures.

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.