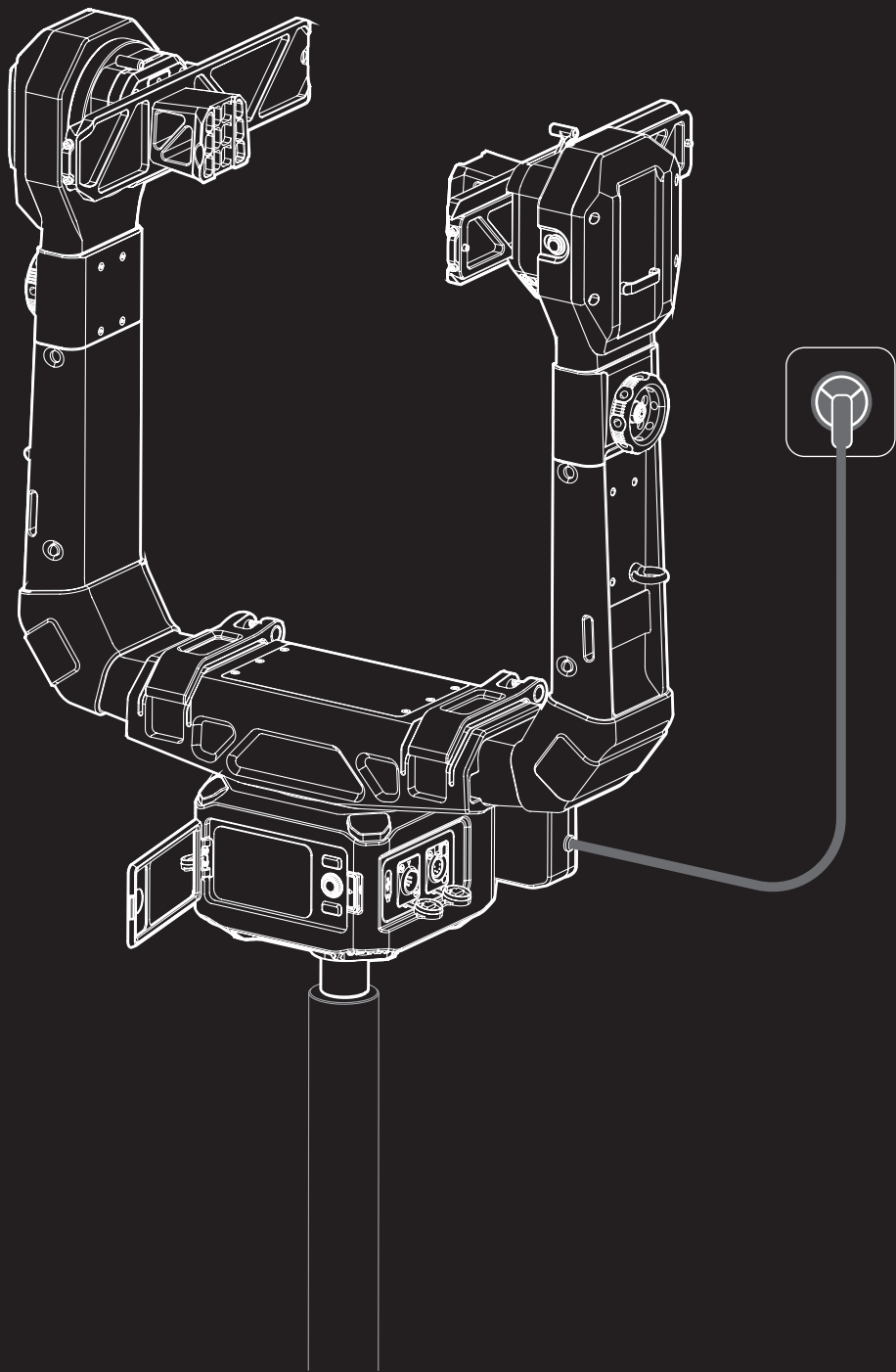


TILTA 铁头电控灯架L35

GRAVITY MOTORIZED LIGHTING CONTROL SYSTEM (35KG)



Disclaimer

Thank you for purchasing a TILTA product.

Before using this product, please carefully read this document to ensure that the product has been set up correctly. The final interpretation of this document and all related documents for this product belongs to TILTA. For updates, please visit the official website at www.tilta.com for the latest product information. TILTA reserves the right to modify any information in this manual at any time without prior notice and without assuming any responsibility.

By using this product, you are deemed to have carefully read the disclaimer and warnings, understood, agreed, and accepted all the terms and content of this statement. You promise to take full responsibility for the use of this product and any consequences that may arise. You commit to using this product only for legitimate purposes and agree to this term as well as any related regulations, policies, and guidelines set by TILTA.

TILTA is not responsible for any damages, injuries, or legal liabilities caused directly or indirectly by the use of this product. Users should follow all safety guidelines mentioned in this document, including but not limited to those mentioned. Despite the above provisions, consumer rights are still protected by local laws and regulations and are not affected by this disclaimer.

TILTA is a trademark of Shenzhen TILTA Technology Co., Ltd. and its affiliated companies. Product names, brands, and other trademarks appearing in this document are trademarks or registered trademarks of their respective companies.

Notes and Warnings

Before using this product, strictly comply with the following instructions.

Notes

- The motorized lighting stand has no built-in battery and does not include a battery.
- Before use, check that all components and the equipped power adapter are undamaged. If damage or missing components are found, stop using immediately and contact TILTA after-sales service.
- Arrange the power cord properly to prevent tripping over it or pulling it to cause equipment power failure, and the power cord must not come into contact with hot surfaces.
- If an extension cord is needed, use one with a rated current at least equal to that of the equipment. Wires with a rated current lower than the equipment may overheat.
- Regularly clean the exterior of the lighting stand, and never use strong corrosive cleaners. Ensure the power is off when cleaning.
- Avoid prolonged full-load operation of this product and ensure good ventilation to prevent overheating.
- This product should be kept out of reach of children and not operated by them to prevent accidents.
- Always unplug the appliance from the power socket before cleaning and maintenance, and when not in use.
- Never pull the power cord to unplug the plug; grasp the plug and pull it out.

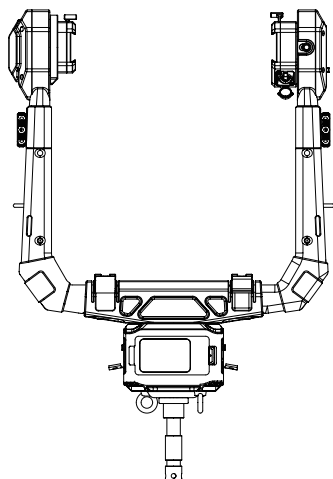
Warnings

- Before connecting this product to power, turn off the power and ensure the power is grounded.
- Connect this product to a grounded socket.
- Clean the device with a soft, dry cloth.
- Do not carry equipment exceeding the 35KG weight limit.
- Avoid short circuits or overloads between this product and other electrical equipment.
- Do not subject the product to strong impacts or vibrations.
- Do not wet the product.
- Do not insert foreign objects or pour liquids into the product.
- Do not disassemble or modify the product without permission.
- Do not use organic solvents such as alcohol, gasoline, or paint thinners to clean the product.

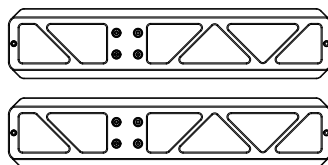
- Do not operate equipment with damaged power cords or equipment that has fallen or is damaged.
- Do not immerse this product in water or other liquids.
- Do not place this product near flammable or volatile solvents to avoid damage.
- Do not use this device in a humid environment, as there is a risk of short circuit or electric shock.
- This product contains precision electronic circuits. Do not disassemble it without permission to avoid malfunctions.

Standard Item List

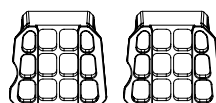
Before using this product, please check whether the following items are all included in the package. If any are missing, please contact TILTA after-sales service.



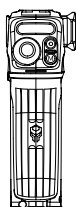
Motorized Lighting Stand L35 Main Body × 1



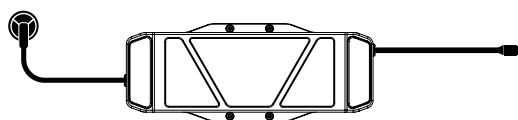
Dovetail Slides × 2



Nanlite EVOKE Series Adapter ×2

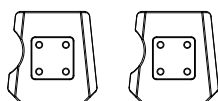


Nucleus Nano II Control Handle ×1
(battery not included)



Power Adapter ×1

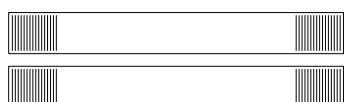
(Note: Plug specifications vary by region, and the illustration is for reference only.)



Orbiter Adapter ×2



Dual-Type-C charging cable ×1



Velcro Straps ×2



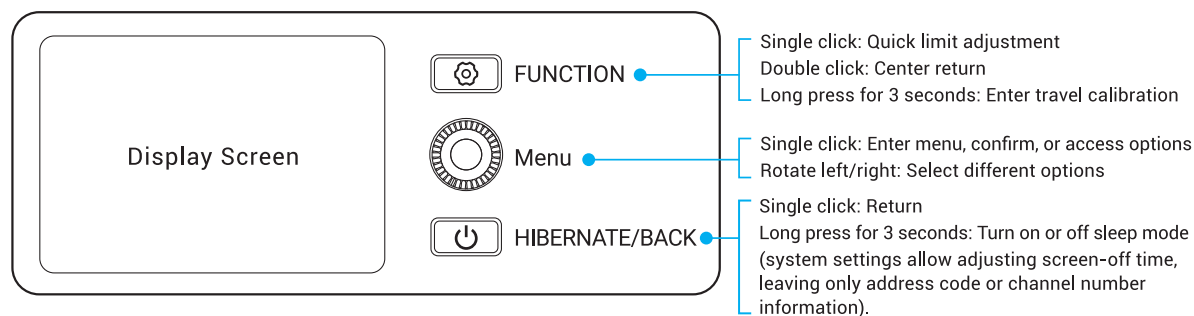
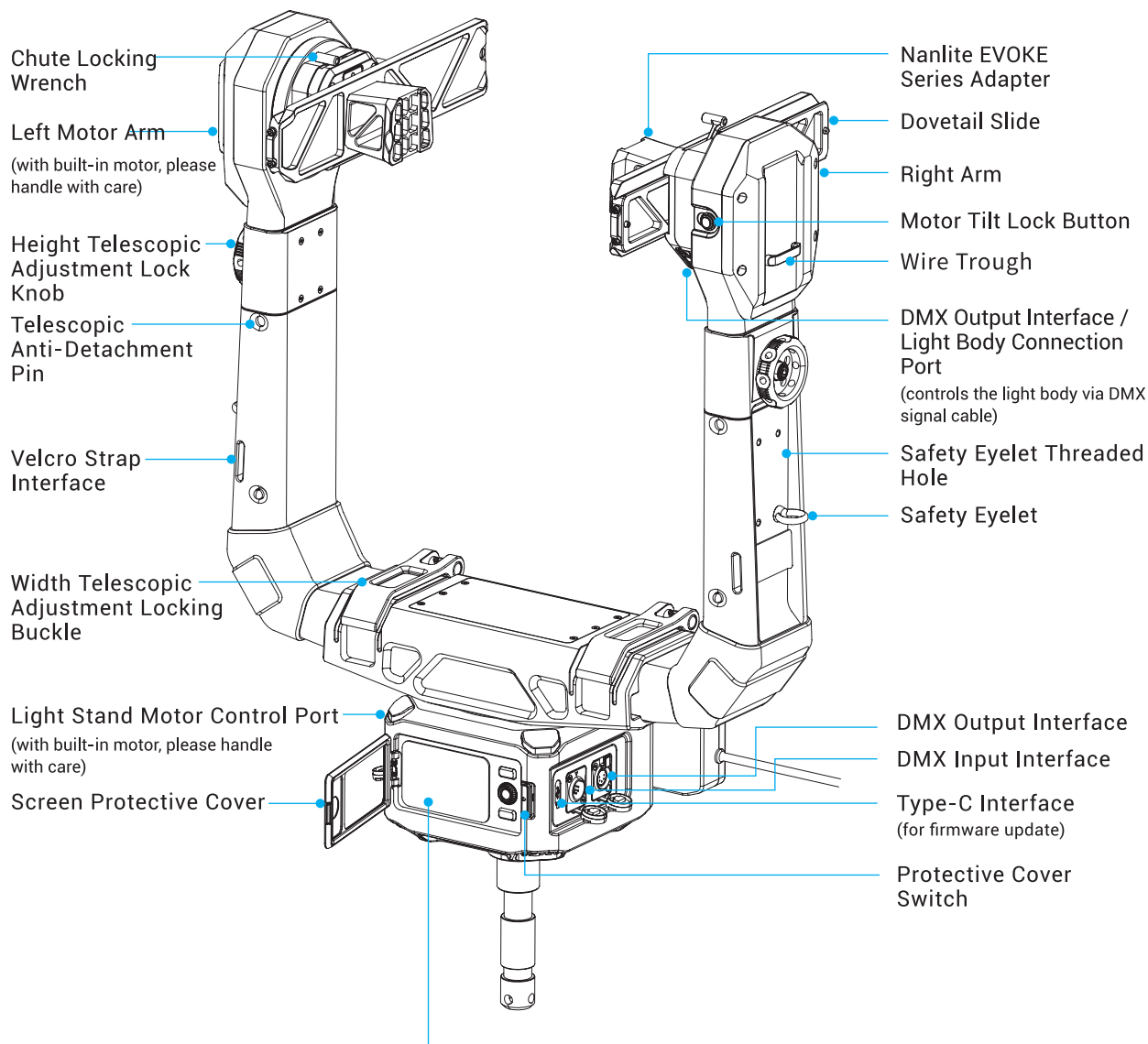
4mm L-shaped Hex Key ×1

Product Parameters

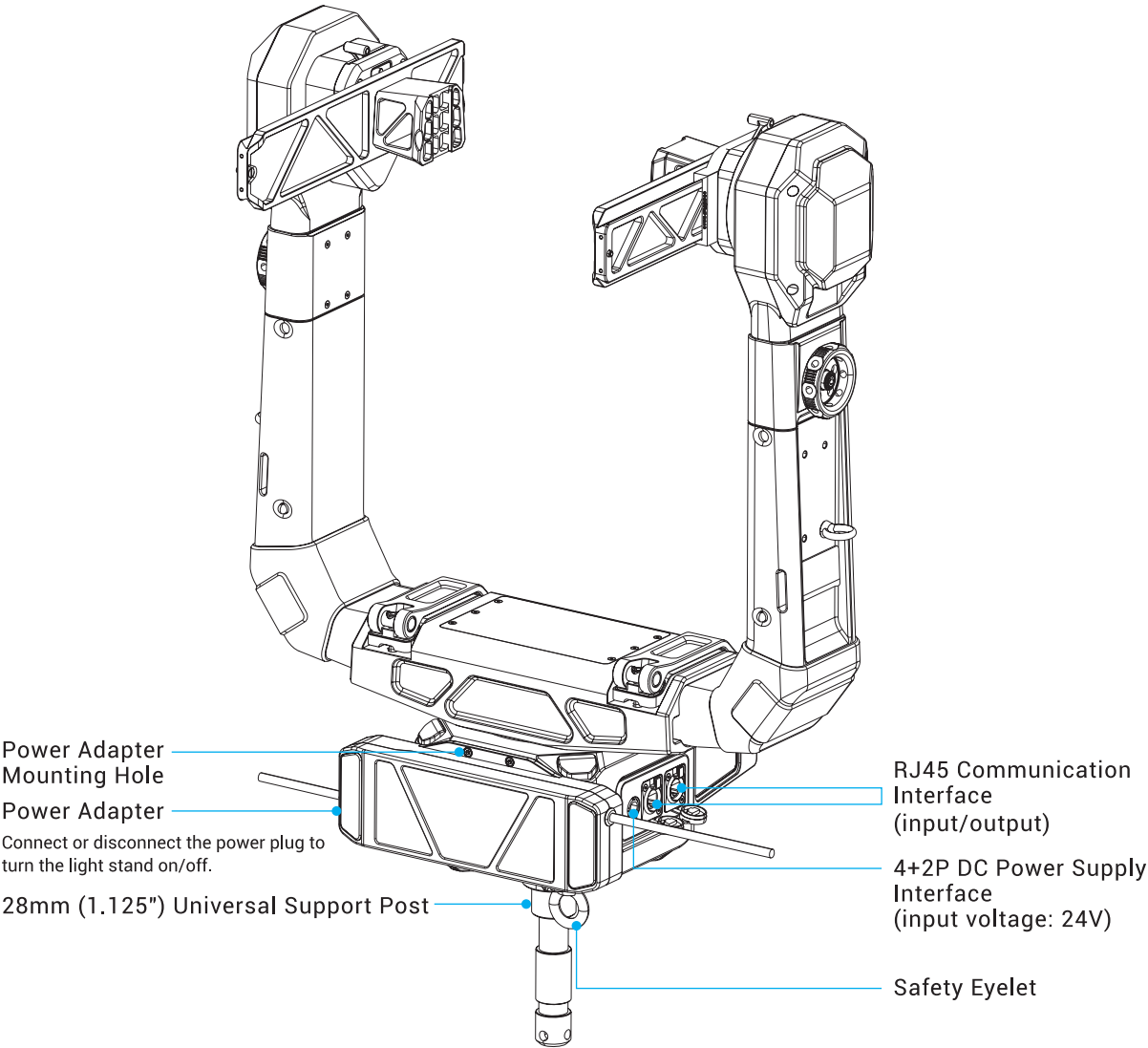
Product Name	TILTA Motorized Lighting Stand L35
Product Model	TLA-MCS-L35-TG
Product Color	Titanium Gray
Input Voltage	24V 8A (MAX)
Tilt Movement Range	-210°~40°
Pan Movement Range	-140°~170°
Tilt Speed Range	0%~100%
Pan Speed Range	0%~100%
Protection Class	IP54
Operating Temperature	-5°C~45°C
Storage Temperature	-20°C~80°C
Operating Humidity	10%~90% (non-condensing)
Storage Humidity	10%~90% (non-condensing)
Load Capacity	≤35Kg
Power Adapter Type	GB/US/UK/EU/JP Standard
Power Adapter Voltage	Input : 100~240V 50/60Hz 3A
	Output : 24V 10A (MAX) 240W
Product Dimensions and Weight	Main Body : 549×171×807mm ; 19546g
	Single Dovetail Slide : 306×65×21mm ; 435g
	Single Nanlite EVOKE Series Adapter : 64×56.5×55mm ; 213g
	Single Orbiter Adapter : 67×22×71mm ; 145g
	Nucleus Nano II Control Handle : 74×49×138mm ; 212g
	Power Adapter Body : 254×40×98mm(excluding power cord) ; 1956g
Package Dimensions	930×606×400mm
Package Weight	47.48Kg

Component Introduction

[Front Side View]



[Back Side View]

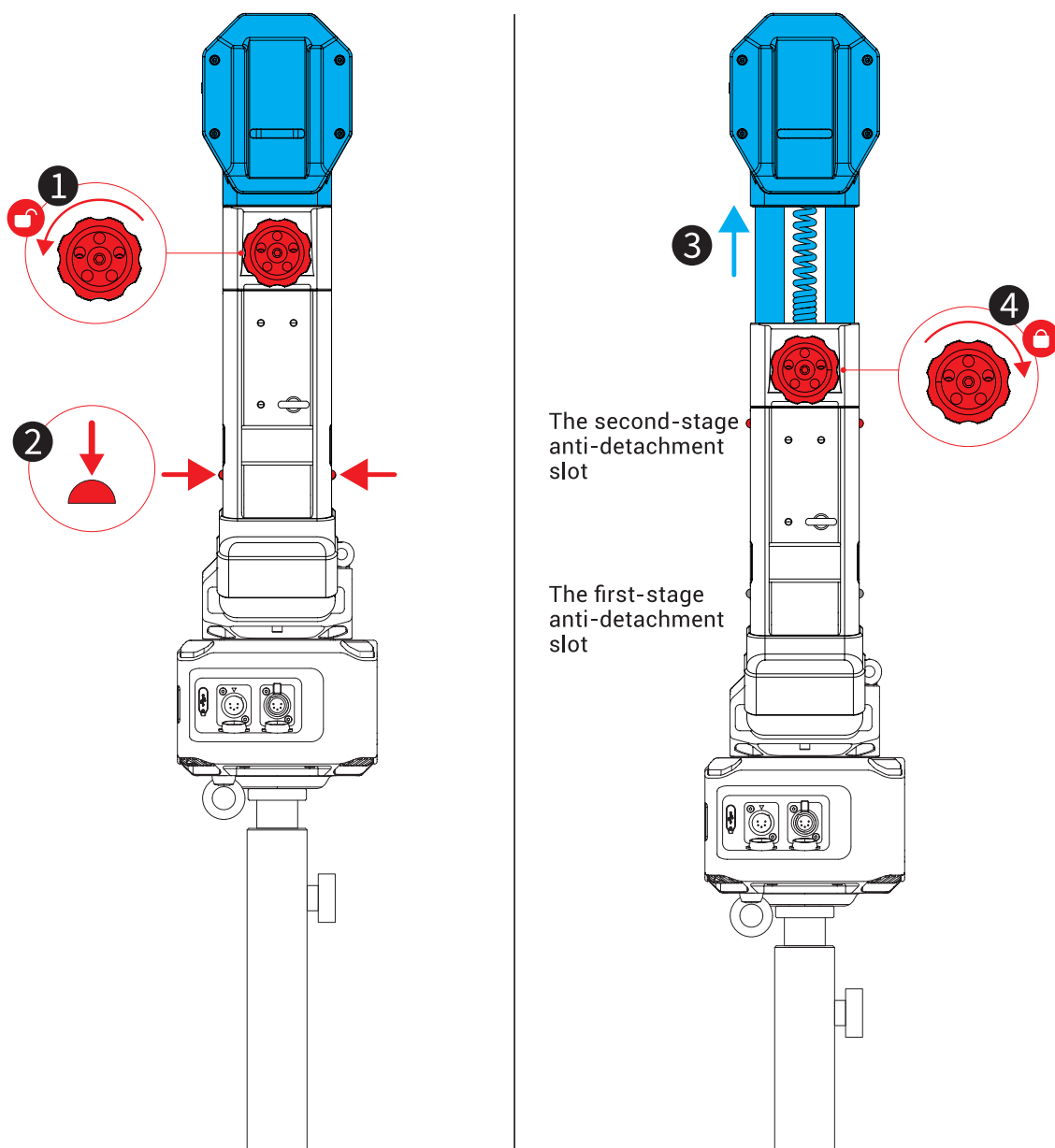


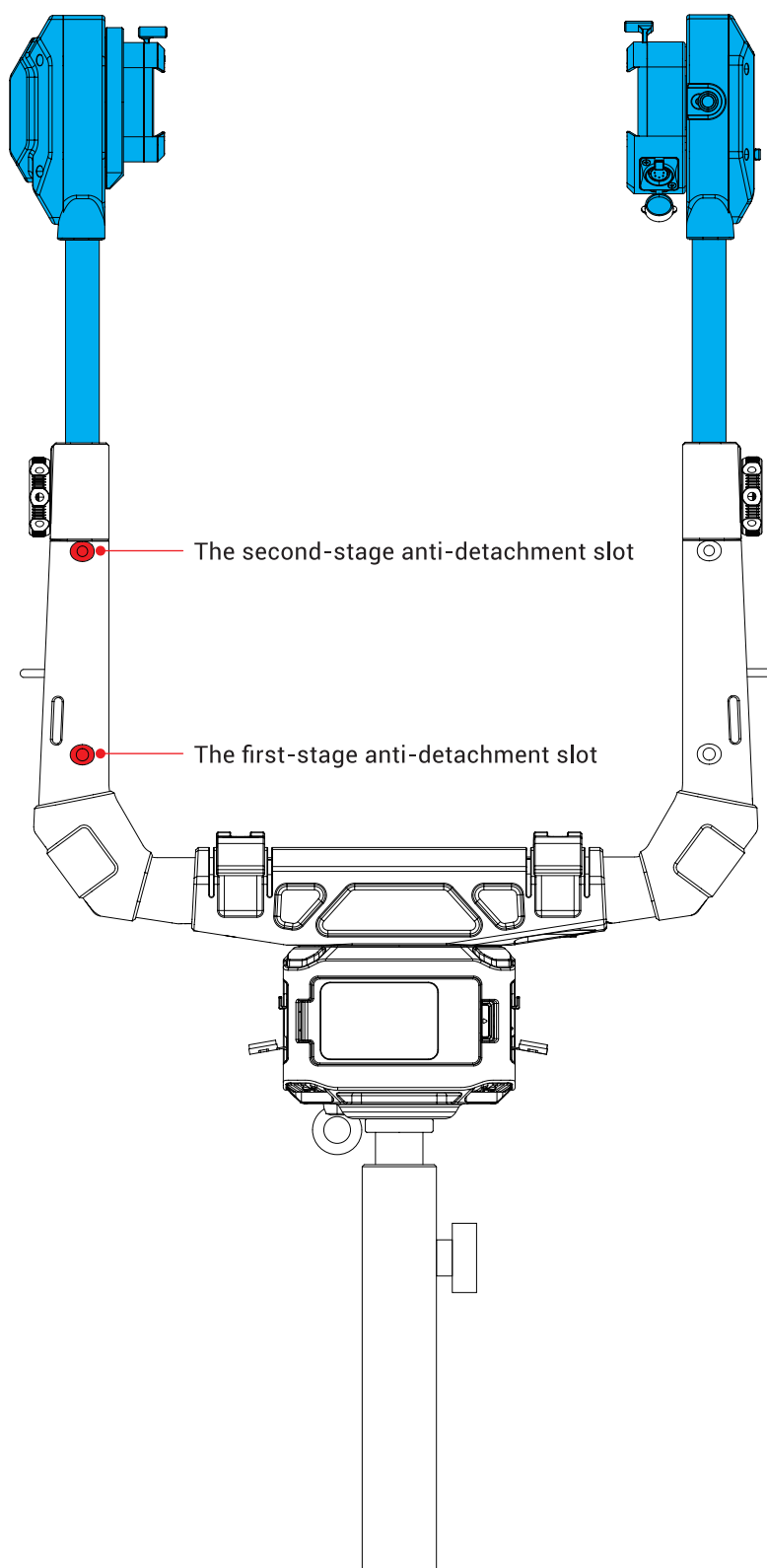
Telescopic Adjustment

1 Height Telescopic Adjustment

Before installing the photography light, adjust the height of the light stand telescopically according to the height of the photography light.

Rotate the knob to unlock ①, press the anti-detachment pins on both front and rear sides of the arm ② while pulling the arm upward ③, stretch until a "click" sound is heard and the anti-detachment pins are positioned in the second-stage anti-detachment slot, then lock the knob ④ to complete the height adjustment.

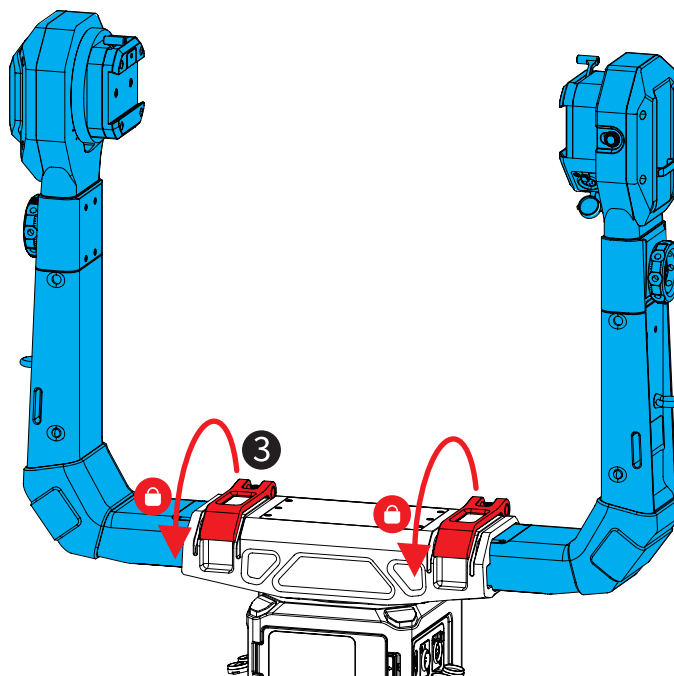
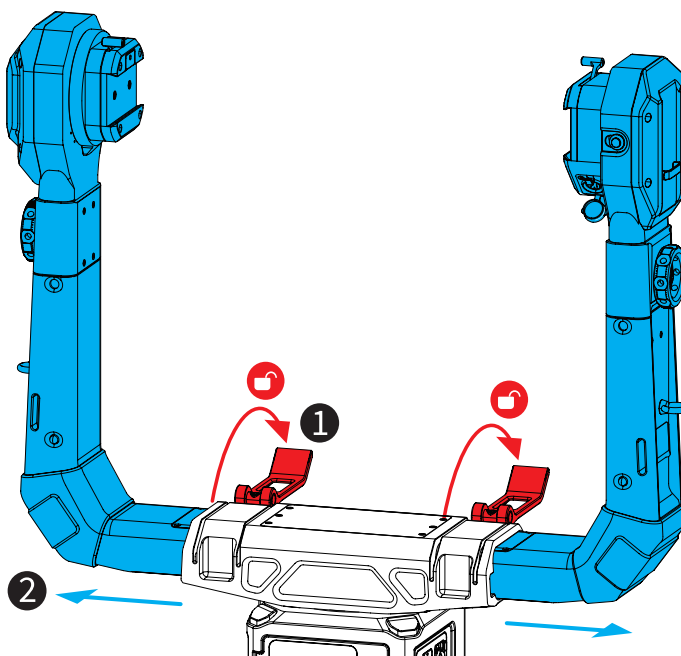




2 Width Telescopic Adjustment

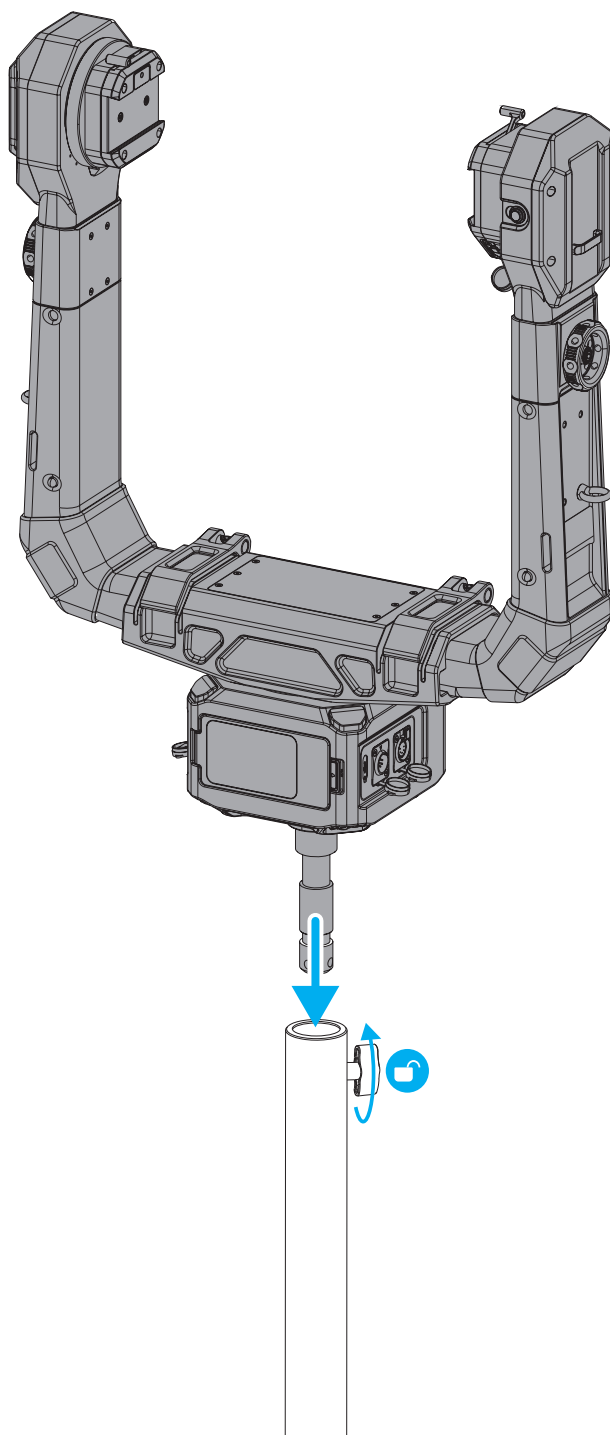
Before installing the photography light, adjust the width of the light stand telescopically according to the width of the photography light.

Open the buckle ①, pull the arm outward ② while doing so, then close the buckle ③ to lock it, completing the width telescopic adjustment.



Install the Motorized Lighting Stand L35

Install the Motorized Lighting Stand L35 onto a heavy-duty lamp stand with a pipe diameter of 28mm (1.125"), and secure it by tightening the knob.

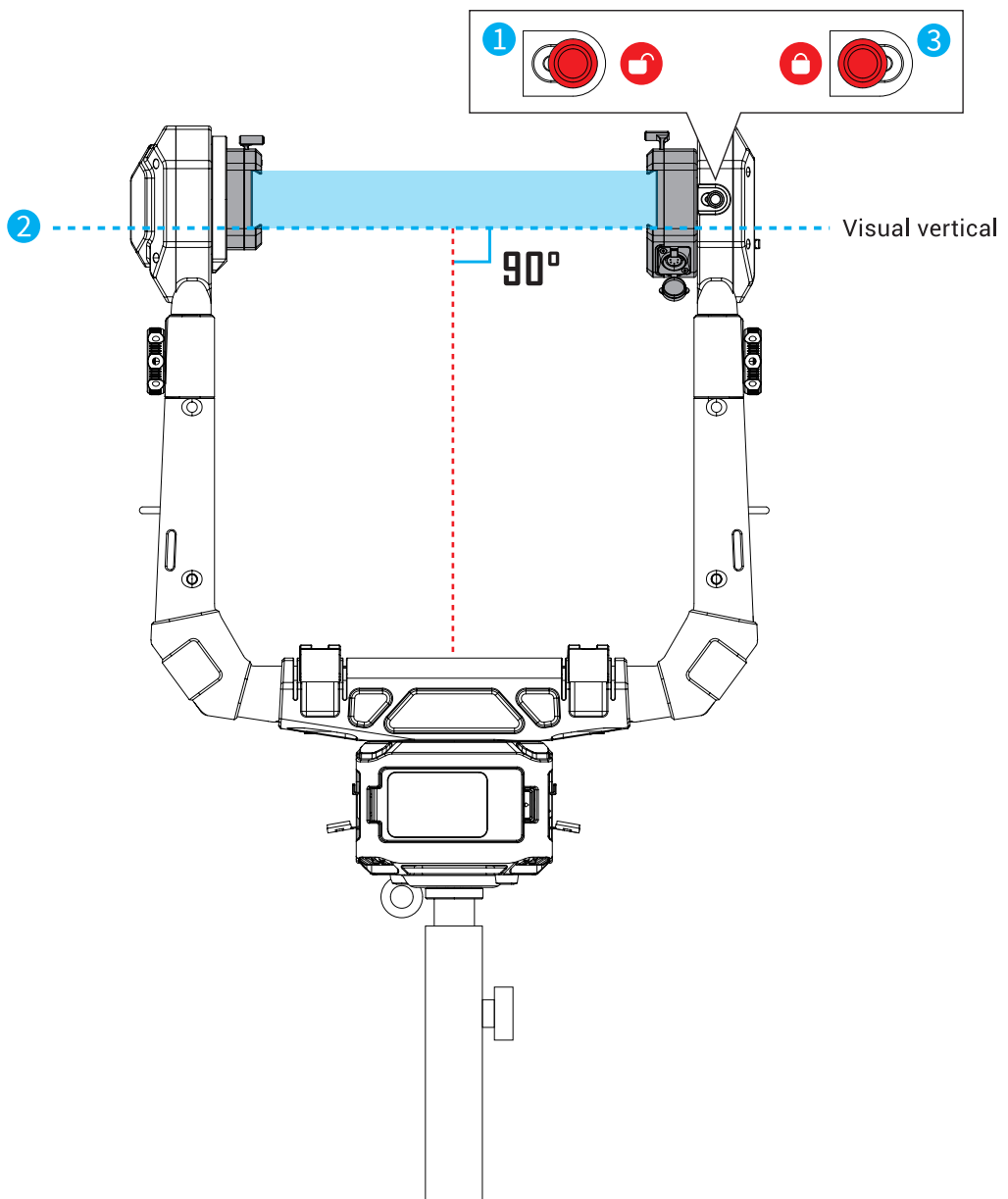


Install a photography light

1 Adjust the sliding grooves of the two arms to be perpendicular to the lamp stand.

(1) Toggle the motor pitch lock button on the right arm to unlock ①, then pull the sliding groove bases on the two arms ② so that the direction of the sliding grooves is perpendicular to the position of the lamp stand (Note: The sliding groove base of the left arm needs to be pulled with force).

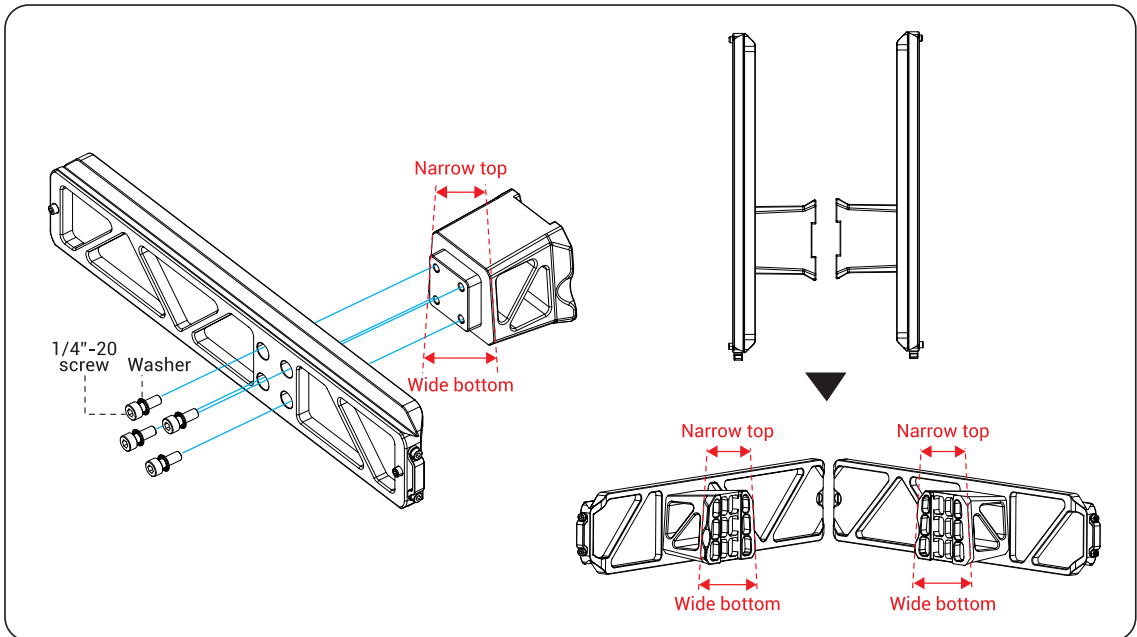
(2) After completion, toggle the motor pitch lock button to lock ③, fixing the vertical direction.



2 Assemble the dovetail slide and adapter

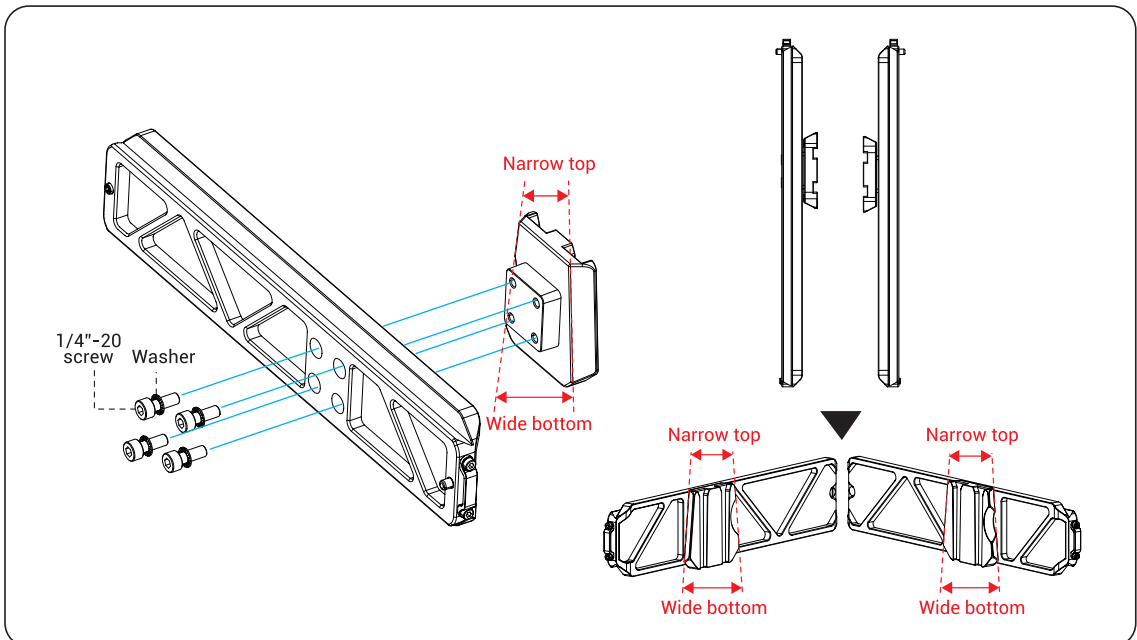
(1) If the photography light is from the Nanlite EVOKE series, use the Nanlite EVOKE series adapter.

Install the Nanlite EVOKE series adapter onto the dovetail slide with the narrow-top and wide-bottom orientation.



(2) If the photography light is an ARRI Orbiter light body, use the Orbiter adapter.

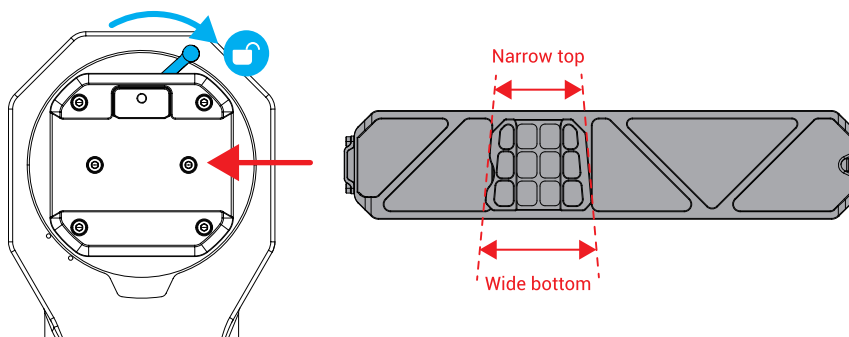
Install the Orbiter adapter onto the dovetail slide with the narrow-top and wide-bottom orientation.



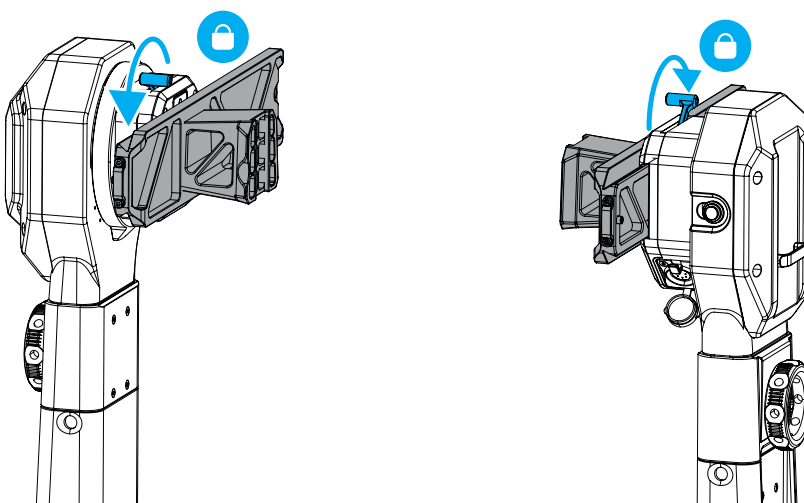
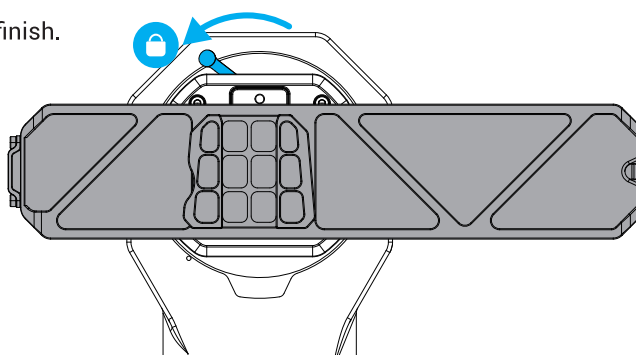
3 Install the dovetail slide and adapter onto the lamp stand.

(1) If the photography light is from Nanlite EVOKE series.

Loosen the wrench, then slide the dovetail slide and Nanlite EVOKE series adapter into the sliding grooves of the lamp stand's two arms with the adapter's narrow-top and wide-bottom orientation.

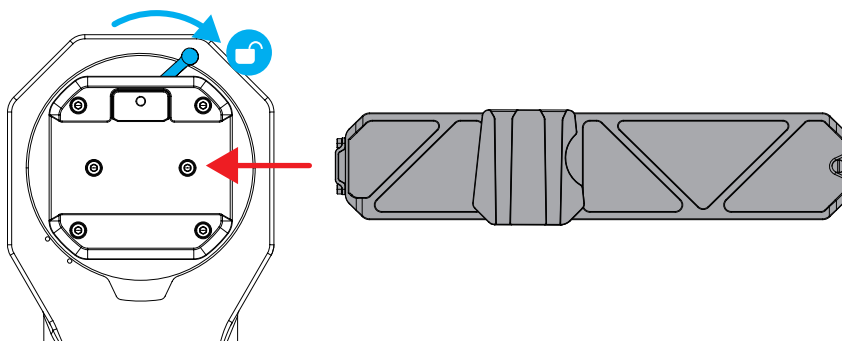


Tighten the wrench to finish.

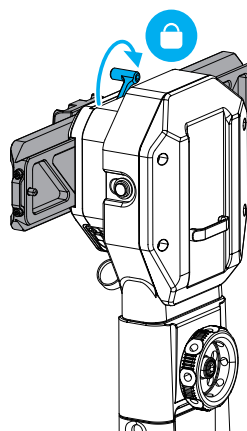
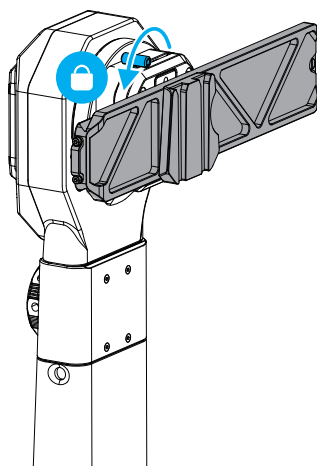
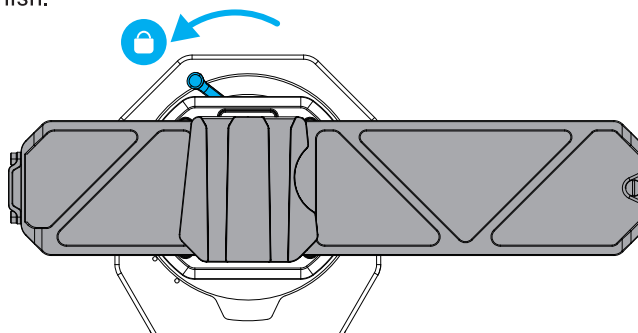


(2) If the photography light is an ARRI Orbiter light body.

Loosen the wrench and slide the dovetail slide with the Orbiter adapter into the sliding grooves of the lamp stand's two arms.



Tighten the wrench to finish.

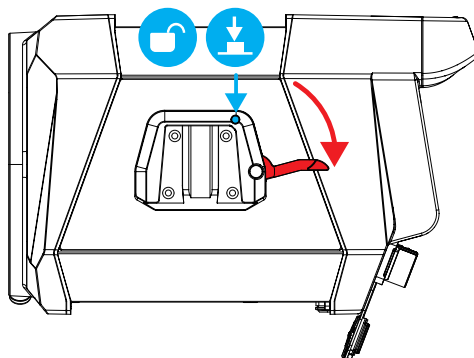


4 Adjust the width of the lamp stand

Adjust the width of the lamp stand according to the approximate width of the photography light body. For the operation method, please refer to page P08 of the Chinese version.

5 Install a photography light (taking Nanlite photography light as an example)

(1) Press the wrench locking buttons  on both sides of the photography light to unlock the wrenches, then pull the wrenches open.



(2) Loosen both the sliding groove locking wrenches on the two sides of the lamp stand arms and the lamp stand width locking wrench, then install the photography light according to the lighting direction marks  indicated on the lamp stand.

(3) Align the photography light with the adapters on the two arms of the lamp stand, then insert it onto the adapters.

