

***TILTA***

**CT12**

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**CINE TRIPOD SERIES**



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## SPECIFICATIONS

### ▶ [CT12 TRIPOD SYSTEM] (Includes: CT12 Fluid Head + CT12 Carbon Fiber Tripod)

Material: Aluminum Alloy + Carbon Fiber

Weight: 7.9 KG

Folded Size: 168 × 164.5 × 943 mm

Tripod Minimum Height (including head): 840 mm (height when the spreader is fully extended in use)

Tripod Maximum Height (including head): 1815 mm (height when the spreader is not extended and the three-section legs are fully extended)

Operating Temperature: -40°C ~ +60°C

### ▶ [CT12 FLUID HEAD] (Includes: CT12 Fluid Head + Manfrotto Quick Release Plate)

Material: Aluminum Alloy

Weight: 3.5 KG

Load Capacity: 12 KG

Size: 167 × 139 × 253 mm

Counterbalance: 10 Stops (1-10)

Drag: 8 Stops (0-7) vertical ; 8 Stops (0-7) horizontal

Tilt Angle: -60° to +90°

### ▶ [CT12 CARBON FIBER TRIPOD] (Includes: CT12 Carbon Fiber Tripod + Spreader)

Material: Aluminum Alloy + Carbon Fiber

Weight: 4.4kg

Load Capacity: 20kg

Folded Size: 136 × 127 × 763mm

Minimum Height: 659mm ; Maximum Height: 1629mm

Bowl Diameter: 75mm / 100mm

Leg Diameter: 16mm / 22mm

Leg Minimum Angle: 17° (when the spreader is not extended) ;

Maximum Angle: 30° (when the spreader is fully extended)

Special Features: 2-2-1 Structure, One Touch Release, Latch Lock

### ▶ [QUICK RELEASE PLATE TYPE]

Manfrotto Quick Release Plate

### ▶ [RECEIVING PLATFORM]

Drop in Manfrotto Receiving Platform (Adjustable front to back, the platform can be removed and replaced with an 8-inch dovetail adapter.)



## [MANFROTTO QUICK RELEASE PLATE]

## [CT12 FLUID HEAD]

- 4** Manfrotto Standard Receiving Platform  
a. Compatible with Manfrotto Quick Release Plates  
b. Adjustable balance adjustment

- 5** Quick Release Locking Knob

- 6** Bubble Level

- 7** Tilt Locking Knob  
Release/Lock Vertical Movement

- 8** Rosette (For Pan Arm)

- 9** **8** Stops Vertical Drag Adjustment  
a. Adjust the strength of vertical drag  
b. 8 stops (0-7) of vertical drag adjustment

- 10** Pan Locking Knob  
Release/Lock Horizontal Movement

- 11** Illuminated Bubble Level

- 12** Bubble Level Light Switch  
Turn on: Single click.  
Turn off: Single click, then it will automatically turn off after 30 seconds.

- 13** 75mm Bowl Base

- Locking Lever for Receiving Platform **14**

- Pan Arm Locking Knob **15**

- Pan Arm Telescopic Adjustment Knob **16**

- Quick Release Plate Safety Release Button **17**

- Button Battery Compartment  
Compatible with CR1632 3V Button Battery  
(Does not include button battery) [Side] **18**

- Pan Arm **19**

- 10** Stop Counterbalance **19**  
a. Adjust the counterbalance based on the weight of the camera  
b. 10 levels (1-10 levels) of counterbalance adjustment

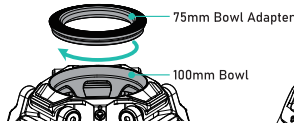
- 8** Stop Horizontal Drag **20**

- a. Adjust the strength of horizontal drag  
b. 8 stops (0-7) of horizontal drag adjustment

- Locking Screw **21**

## [CT12 CARBON FIBER TRIPOD]

- 22** 75mm / 100mm Bowl



Rotate the 75mm bowl adapter counterclockwise into the 100mm bowl to complete the size conversion.

- 3/8"-16 Thread **23**

- 3/8"-16 to 1/4"-20 Thread Adapter **24**

- First Stage Leg Connection Assembly **25**

- Tripod Telescopic Locking Lever  
Adjust the Three-Section One Touch Leg **26**

- Carbon Fiber Multi-Row Leg  
2-2-1 Tube Structure **27**

- Tie Down **28**

- Hook **29**

- Extension Piece **30**

- Locking Lever **31**

- Spreader **32**

- O-Ring **33**

- Scale Markings **34**

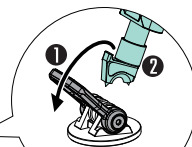
- Second Stage Leg Connection Assembly **35**

- Third Stage Leg Connection Assembly **36**

- Rubber Hook **37**

- Low Profile Spike **38**

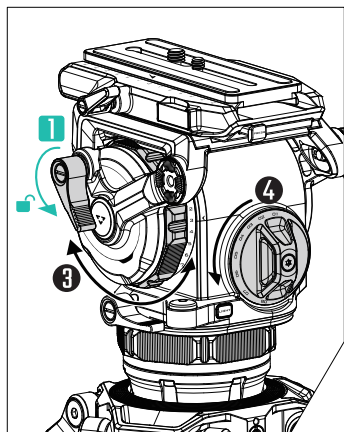
- All-Terrain Foot **39**



Remove the hook ① and switch to the Spiked Feet ②.



## VERTICAL DRAG ADJUSTMENT



+90° Tilt Range

-60° Tilt Range

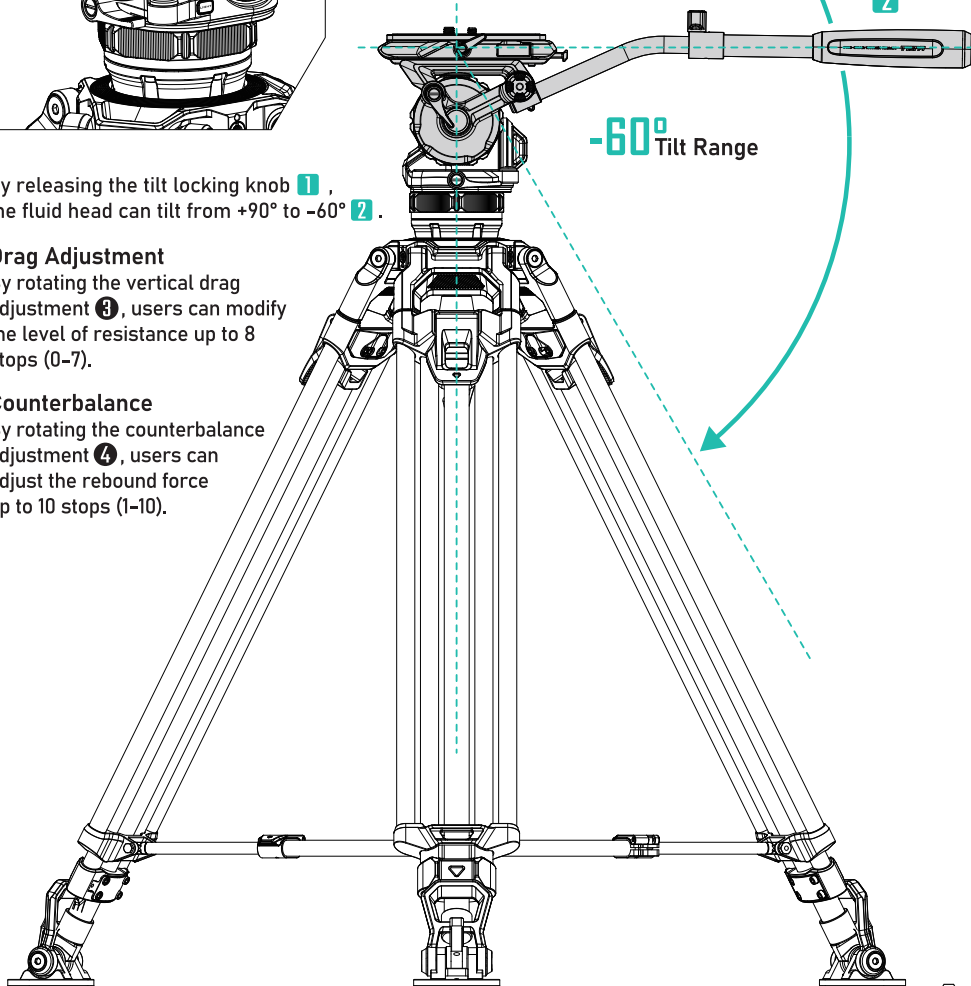
By releasing the tilt locking knob **1**, the fluid head can tilt from +90° to -60° **2**.

### Drag Adjustment

By rotating the vertical drag adjustment **3**, users can modify the level of resistance up to 8 stops (0-7).

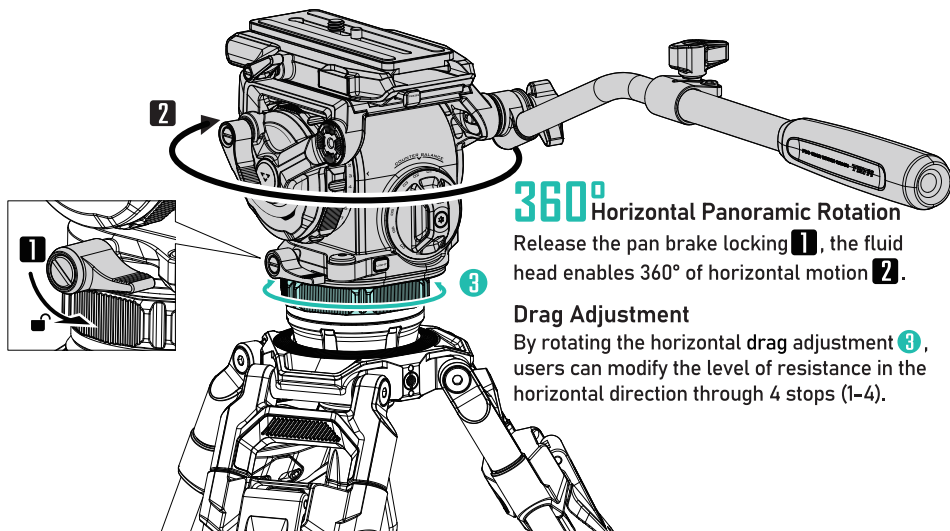
### Counterbalance

By rotating the counterbalance adjustment **4**, users can adjust the rebound force up to 10 stops (1-10).





## HORIZONTAL DRAG ADJUSTMENT



### 360° Horizontal Panoramic Rotation

Release the pan brake locking **1**, the fluid head enables 360° of horizontal motion **2**.

### Drag Adjustment

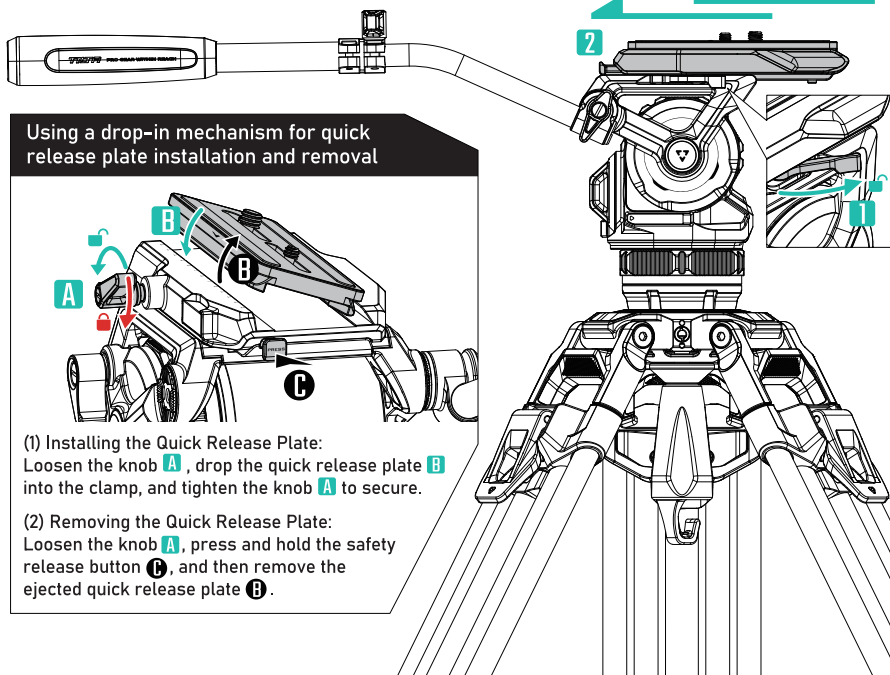
By rotating the horizontal drag adjustment **3**, users can modify the level of resistance in the horizontal direction through 4 stops (1-4).

## ADJUSTABLE FRONT AND BACK FOR BALANCE ADJUSTMENT



### Manfrotto Standard Receiving Platform

Adjust the locking lever **1**, the plate **2** can move forward and backward to adjust the balance of the camera's center of gravity.



Using a drop-in mechanism for quick release plate installation and removal

(1) Installing the Quick Release Plate:  
Loosen the knob **A**, drop the quick release plate **B** into the clamp, and tighten the knob **A** to secure.

(2) Removing the Quick Release Plate:  
Loosen the knob **A**, press and hold the safety release button **C**, and then remove the ejected quick release plate **B**.



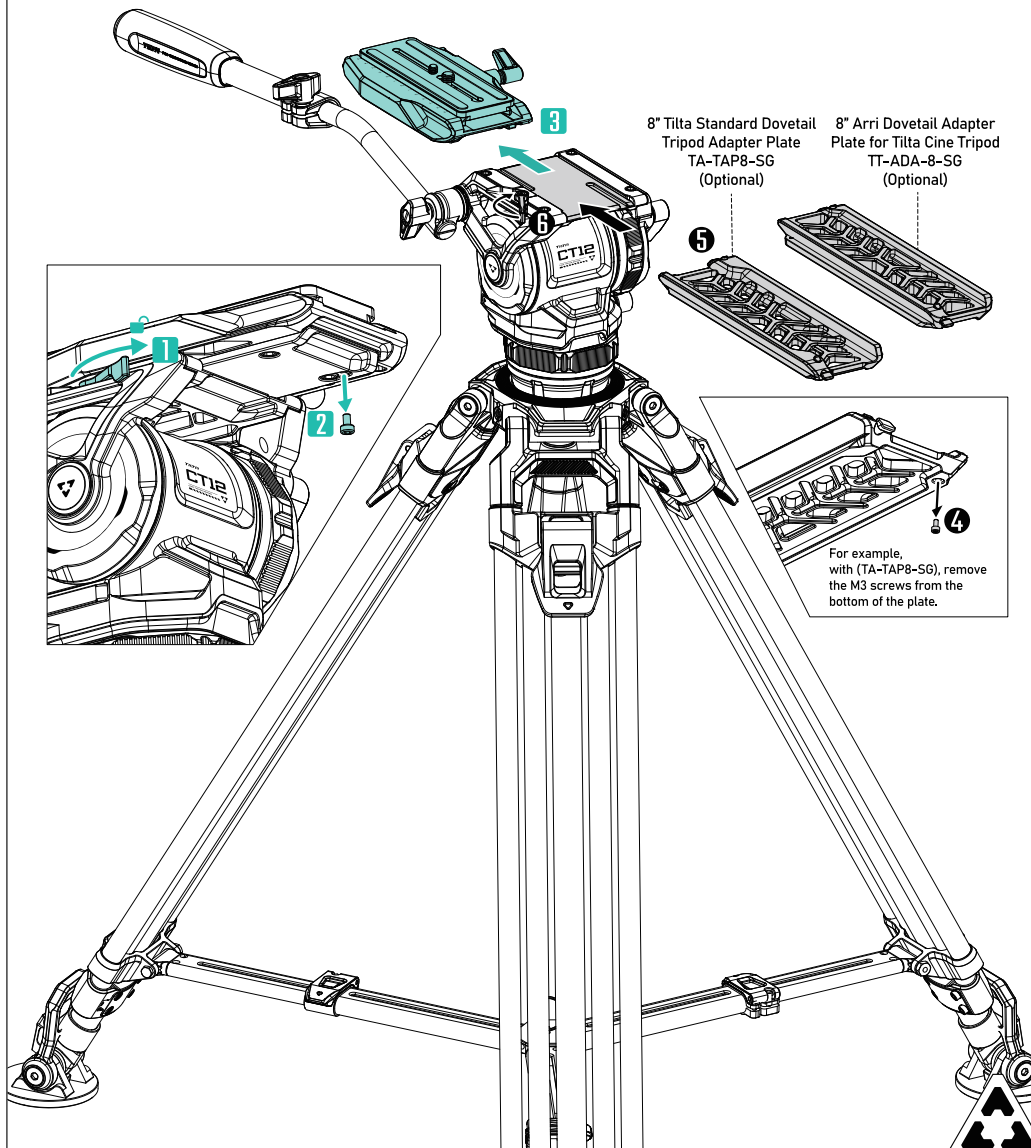
The Receiving Platform can be replaced with a Tilta dovetail plate (optional), providing a longer range to adjust the center of gravity.

Adjust the plate's position, unlock the lever **1** and remove the M3 screw **2** under the plate, then remove the plate **3**.

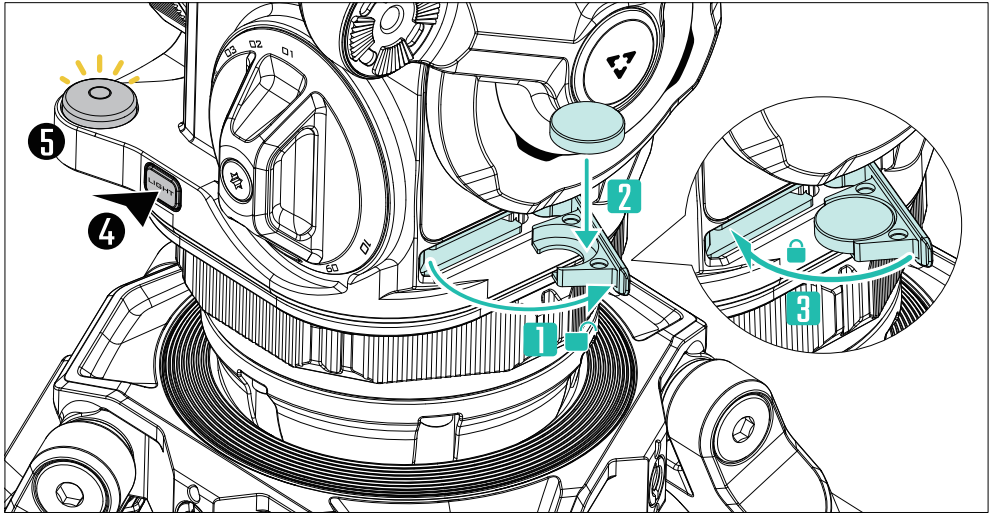
Replace with an 8" Tilta Standard Dovetail Tripod Adapter Plate (TA-TAP8-SG) or 8" Arri Dovetail Adapter Plate for Tilta Cine Tripod (TA-ADA-8-SG).

(1) Remove the M3 screw **4** under the plate, slide the dovetail plate **5** into the head, and lock the lever **6**.

(2) Reattach the M3 screws at the bottom of the dovetail plate into the original threads.



## ILLUMINATED BUBBLE LEVEL - INSTALLING THE BUTTON BATTERY



(1) Open the button battery compartment **1**, place the button battery (not included) into the compartment **2**, and then close the compartment **3**.

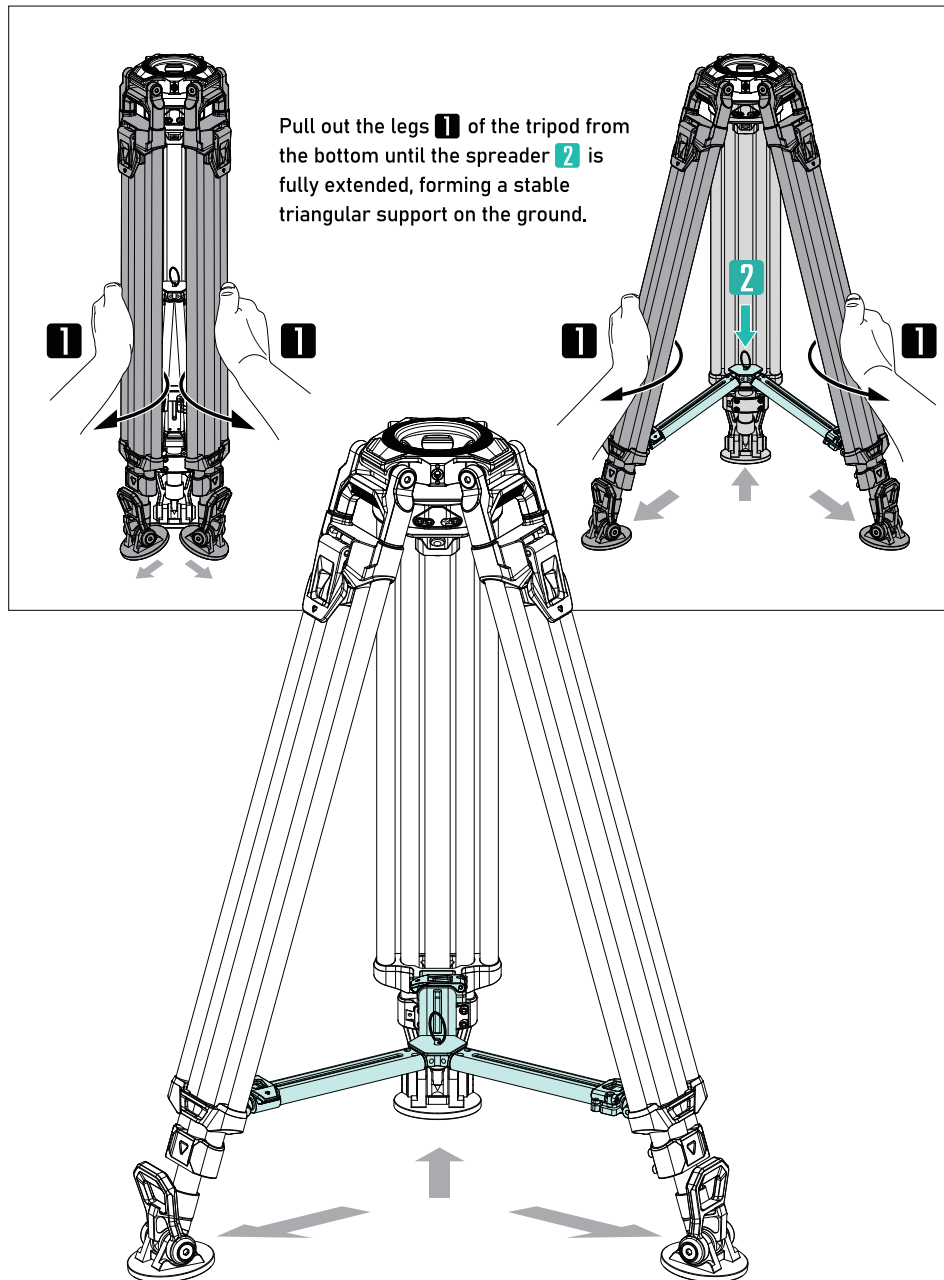
(2) Click the **4** bubble level's light switch once to turn on the light **5**.

**ATTENTION**

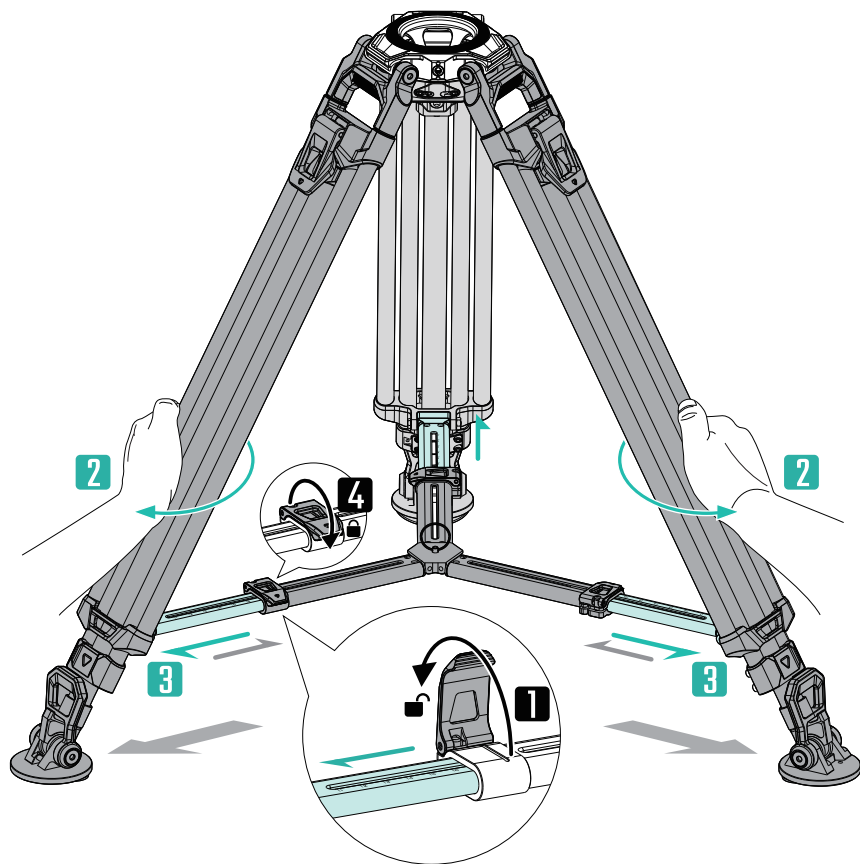
1. The CT12 fluid head does not include a button battery.
2. The button battery compartment of the CT12 fluid head is compatible with a CR1632 3V button battery (purchased separately).
3. Do not completely submerge the CT12 fluid head in water.
4. If the surface of the CT12 fluid head's button battery compartment gets wet from rain, dry the surface with a dry cloth or paper towel.
5. If water accidentally enters the CT12 fluid head's button battery compartment, follow these steps:
  - (1) Remove the button battery you installed.
  - (2) Place the fluid head in a dry and ventilated area and use a dry cloth or paper towel to dry the inner walls and surface of the battery compartment.
  - (3) After the battery compartment is dry, reinstall the button battery and check if it functions normally. If it does not operate properly, contact Tilta's customer service for product inspection and assistance.



## TRIPOD STORAGE / EXTENSION



## SPREADER ADJUSTMENT / TRIPOD LEGS ANGLE ADJUSTMENT



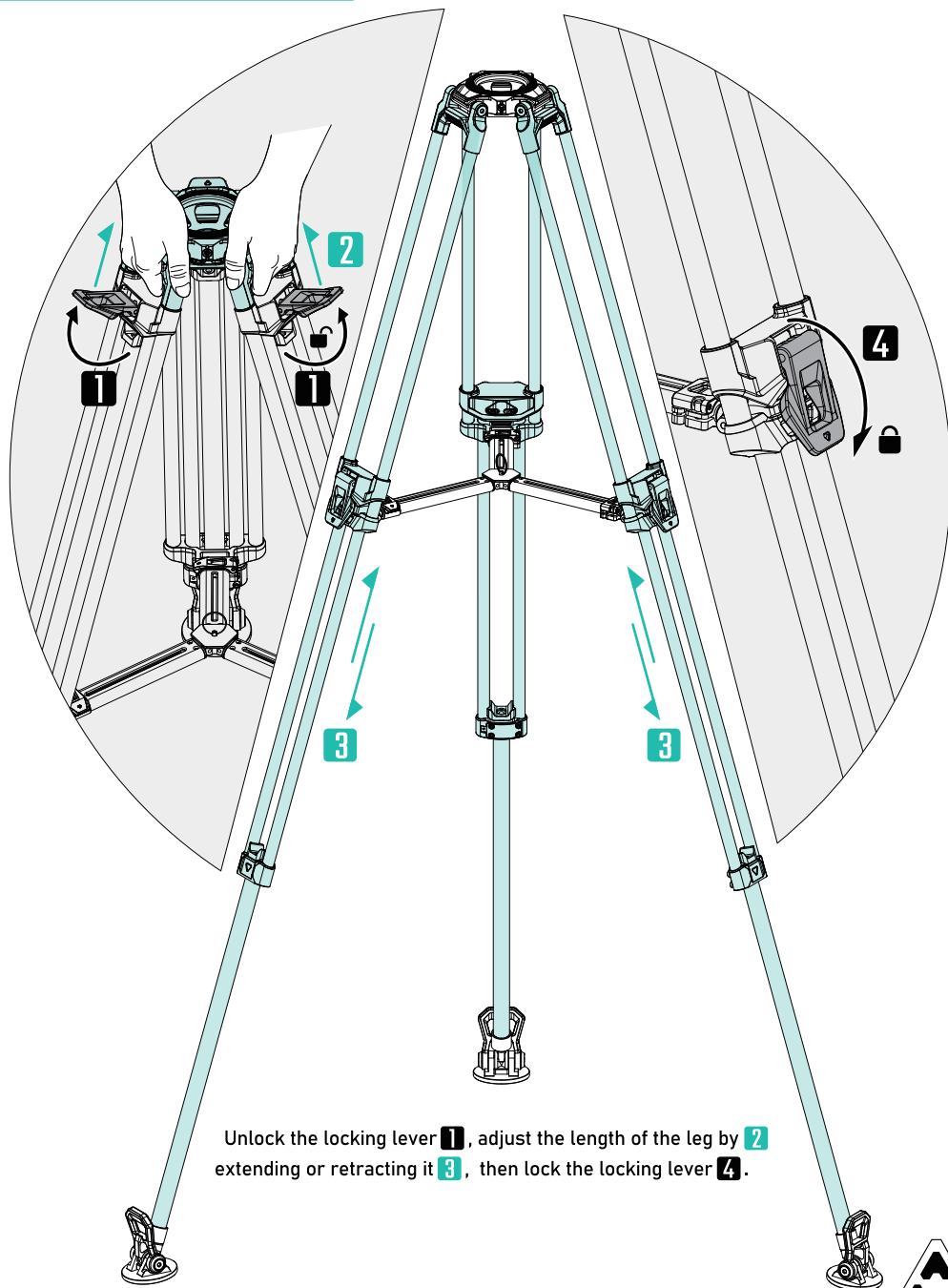
Unlock the locking lever **1** , Spread the legs by pulling the bottom of each leg **2** ,  
Adjust the extension piece to the desired length **3** , lock the lever **4** to secure the extension.



Adjust the tripod angle by extending or retracting according to the scalemarkings on the extension piece of the spreader.



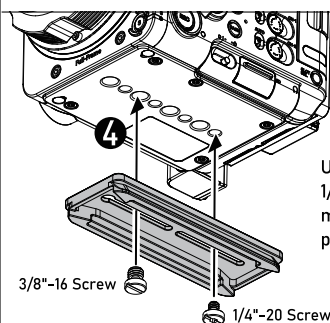
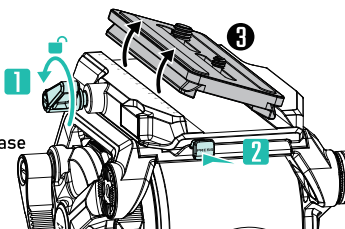
## ONE TOUCH QUICK RELEASE



Unlock the locking lever **1**, adjust the length of the leg by **2** extending or retracting it **3**, then lock the locking lever **4**.



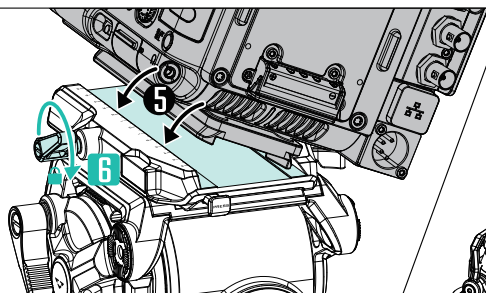
- 1 Loosen the knob,
- 2 hold down the safety release button,
- 3 remove the quick-release plate.



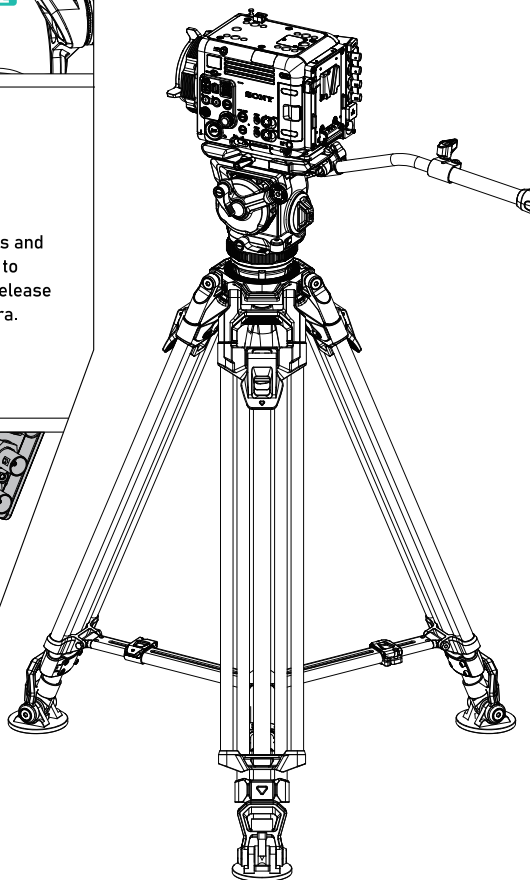
Use 3/8"-16 screws and 1/4"-20 screws 4 to mount the quick-release plate on the camera.

3/8"-16 Screw

1/4"-20 Screw



Press the camera 4 with a quick-release plate into the receiver, and tighten the knob 6 to complete the assembly.



## CAUTION & WARNINGS

### Safety

1. Please avoid overloading the device.
2. Do not collide with the tripod during use.
3. After mounting the camera, thoroughly check that the tripod legs and spreader are securely locked together.
4. The button battery compartment of the fluid head does not contain batteries. Please do not submerge the head in water.



## Operating Environment

1. Do not operate in temperatures below  $-40^{\circ}\text{C}$  or above  $60^{\circ}\text{C}$ .
2. After using the tripod in humid, muddy, or dusty environments, make sure to clean the tripod with a dry cloth. If water has entered the leg tubes, fully extend the legs to clean and allow them to dry completely before retracting them.
3. Avoid prolonged exposure to sunlight and prevent it from being left inside a hot car for an extended time.
4. Do not leave the product unattended in public places. Exercise caution when operating in potentially dangerous locations.
5. Do not carry the tripod with equipment attached (such as a camera).
6. The product does not require lubricants. However, if needed, please use standard lubricating oil or grease.
7. For personal safety, avoid contact with electrified objects, high-voltage equipment, or strong chemical products when using this product.
8. If the fluid head accidentally gets wet during use, please contact TILTA sales service as soon as possible. Prolonged exposure to moisture can cause irreversible damage to the internal components of the head.





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## 规格参数

### ►【CT12 摄像脚架套装】(含: CT12 液压云台 + CT12 碳纤维三脚架)

材质: 铝合金+碳纤维

重量: 7.9 KG

脚架收纳尺寸(含云台):  $168 \times 164.5 \times 943$  mm

脚架最小高度(含云台): 840 mm (使用状态下中置延伸器完全伸出后的高度)

脚架最大高度(含云台): 1815 mm (使用状态下中置延伸器未伸出,同时三节脚管完全伸出后的高度)

工作温度:  $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$

### ►【CT12 液压云台】(含: CT12 液压云台 + 曼富图快装板)

材质: 铝合金

云台自重: 3.5 KG

云台承重: 12 KG

云台尺寸:  $167 \times 139 \times 253$  mm

动态平衡: 10档 (1 ~ 10档)

阻尼档位: 俯仰阻尼8档 (0 ~ 7档); 水平阻尼8档 (0 ~ 7档)

俯仰角度:  $-60^{\circ} \sim +90^{\circ}$

### ►【CT12 碳纤维三脚架】(含: CT12 碳纤维三脚架 + 中置延伸器)

材质: 铝合金+碳纤维

脚架自重: 4.4 KG

脚架承重: 20 KG

单脚架收纳尺寸:  $136 \times 127 \times 763$  mm

单脚架最小高度: 659 mm; 最大高度: 1629 mm

碗口直径: 75 mm / 100 mm 双规格碗口

脚管直径: 16mm / 22mm

脚管最小角度:  $17^{\circ}$  (使用状态下中置延伸器未伸出的角度); 最大角度:  $30^{\circ}$  (使用状态下中置延伸器完全伸出后的角度)

脚架特殊配置: 2-2-1多排管脚管,3节一键升降,扳扣式锁紧。

### ►【快装板】

快装板类型: 曼富图快装板

### ►【快装板夹座】

侧压式曼富图规格调平夹座(可前后调节重心,夹座可拆下更换为铁头8寸燕尾滑板。)



## 【曼富图快装板】

防滑胶垫 ①

1/4螺丝 ②

3/8螺丝 ③

## 【CT12 液压云台】

④ 曼富图规格调平夹座

- a. 曼富图规格快装  
b. 前后移动摄像机调节重心平衡

⑤ 快装板锁紧旋钮

⑥ 水平仪

⑦ 俯仰锁紧旋钮

- 开启/锁紧俯仰方向运动

⑧ 牙盘接口(安装手柄)

⑨ 8档俯仰阻尼调节手轮

- a. 调节俯仰阻尼力的大小  
b. 8档(0-7档)俯仰阻尼调节

⑩ 水平锁紧旋钮

- 开启/锁紧水平方向运动

⑪ 发光水平仪

⑫ 水平仪发光开关键

- 亮灯: 单击。 熄灯: 单击, 待30秒后自动熄灯。

⑬ 75mm球头

调平夹座锁紧扳扣 ⑭

手柄锁紧旋钮 ⑮

手柄伸缩调节旋钮 ⑯

快装板侧压解锁按键 ⑰

⑱ 纽扣电池仓  
适配CR1632 3V的纽扣电池  
(不含纽扣电池)(侧面)

手柄 ⑲

⑩ 档动态平衡调节手轮

- a. 根据摄像机的重力调节回弹力  
b. 10档(1-10档)动态平衡调节

8档水平阻尼调节手轮 ⑳

- a. 调节水平阻尼力的大小  
b. 8档(0-7档)水平阻尼调节

云台锁紧螺丝 ㉑

## 【CT12 碳纤维三脚架】

㉒ 75mm / 100mm 碗口球座



75mm碗口接口



100mm碗口

75mm碗口接口左旋装配进100mm碗口中,  
完成碗口尺寸更换。

3/8定位螺纹孔 ㉓

3/8转1/4螺套 ㉔

第一节脚管连接架 ㉕

脚架伸缩锁紧扳扣  
调节三节脚管一键升降

碳纤维多排脚管  
2-2-1多排管脚管

云台锁紧手柄 ㉖

挂钩 ㉗

延伸器内臂 ㉘

延伸锁紧扳扣 ㉙

中置延伸器 ㉚

中置提拉挂环 ㉛

刻度标记 ㉜

第二节脚管连接架 ㉝

第三节脚管连接架 ㉞

橡胶挂扣 ㉟

隐藏式脚钉 ㊱

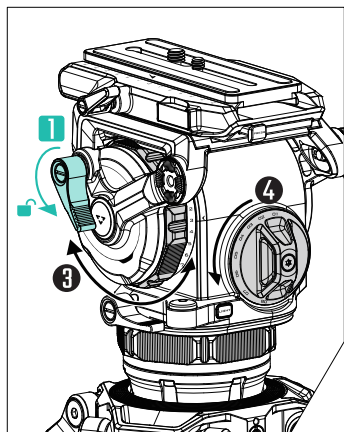
全地形马蹄掌脚撑 ㊲



取下挂扣①切换  
为脚钉②



### 俯仰阻尼调节



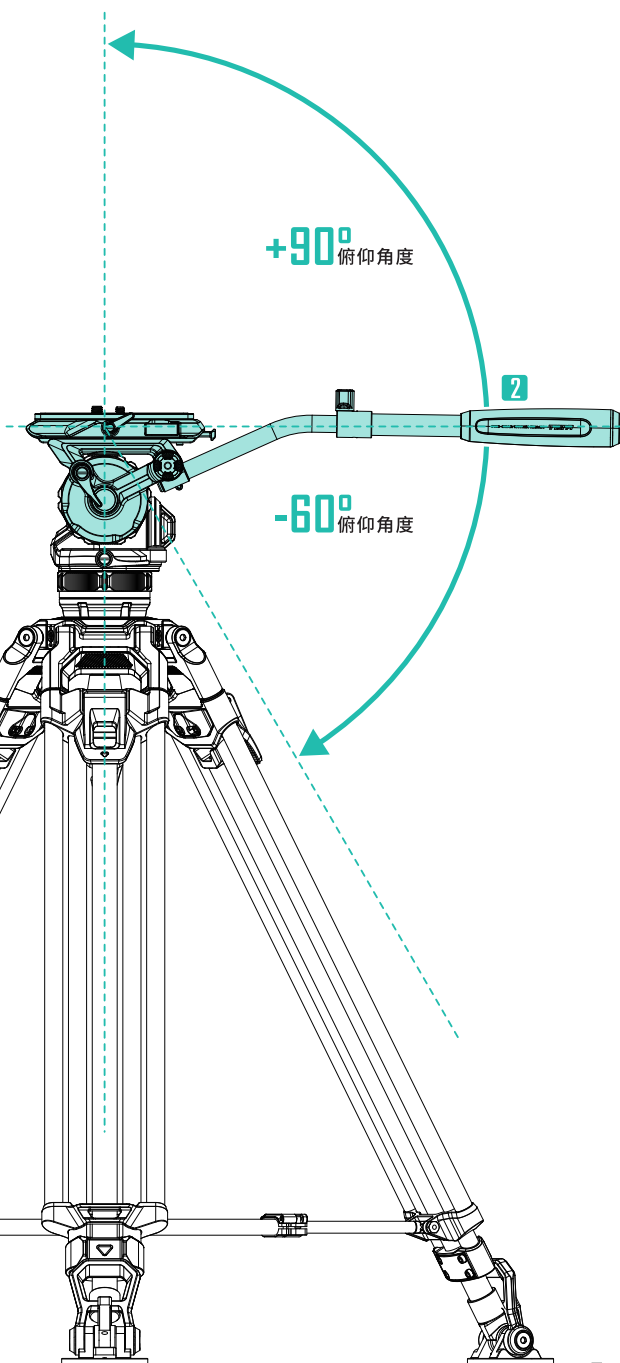
松开**1**俯仰锁紧旋钮,云台开启  
+90°至-60°的俯仰方向运动**2**。

#### 阻尼调节

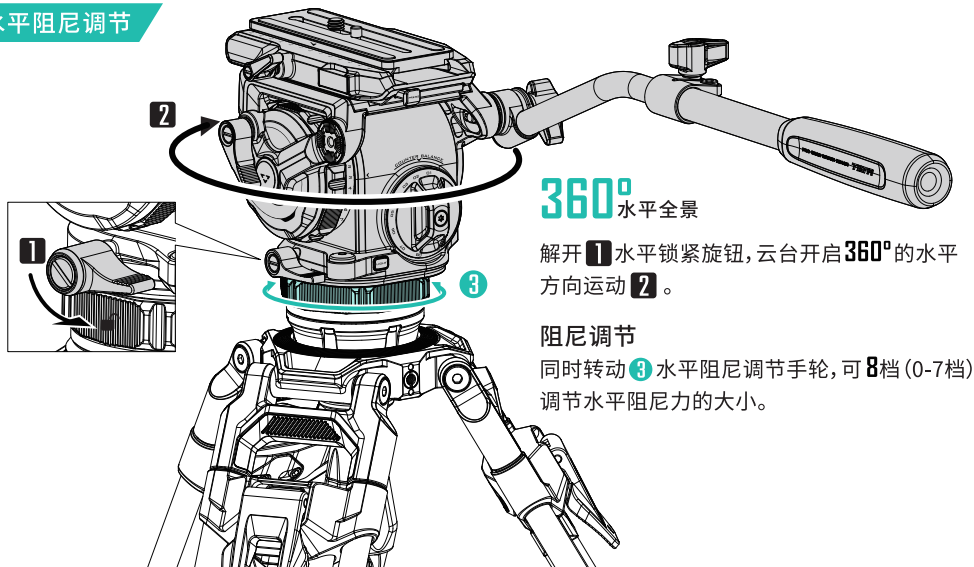
转动**3**俯仰阻尼调节手轮,可**8**档  
(0-7档)调节俯仰阻尼力的大小。

#### 动态平衡调节

转动**4**动态平衡调节手轮,  
可**10**档(1-10档)调节回弹力。



## 水平阻尼调节

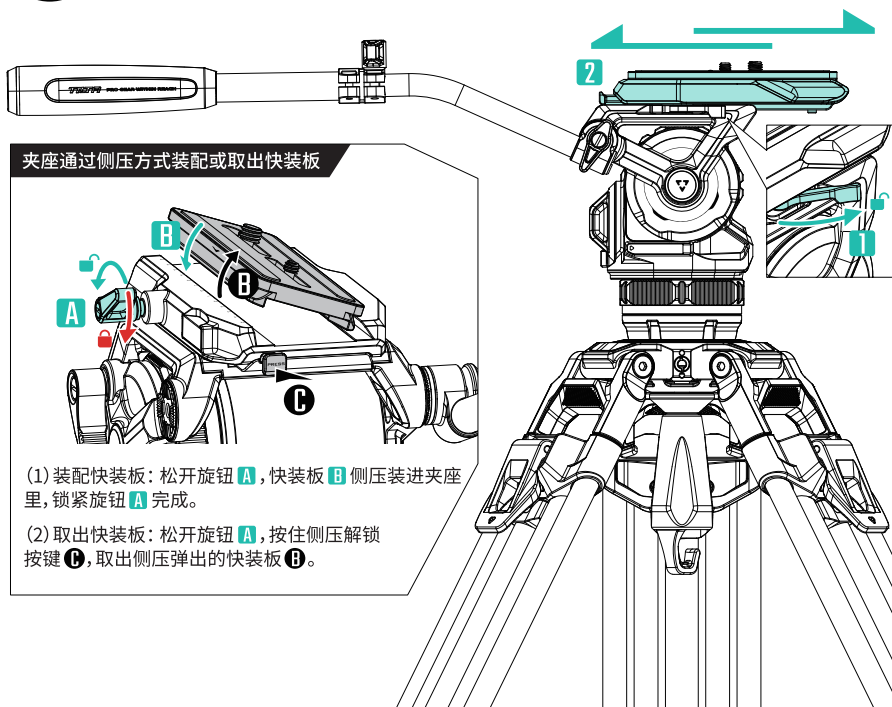


## 前后重心调节



曼富图规格调平夹座

调节 **1** 锁紧扳扣, 可前后移动夹座 **2** 调节摄像机重心平衡。

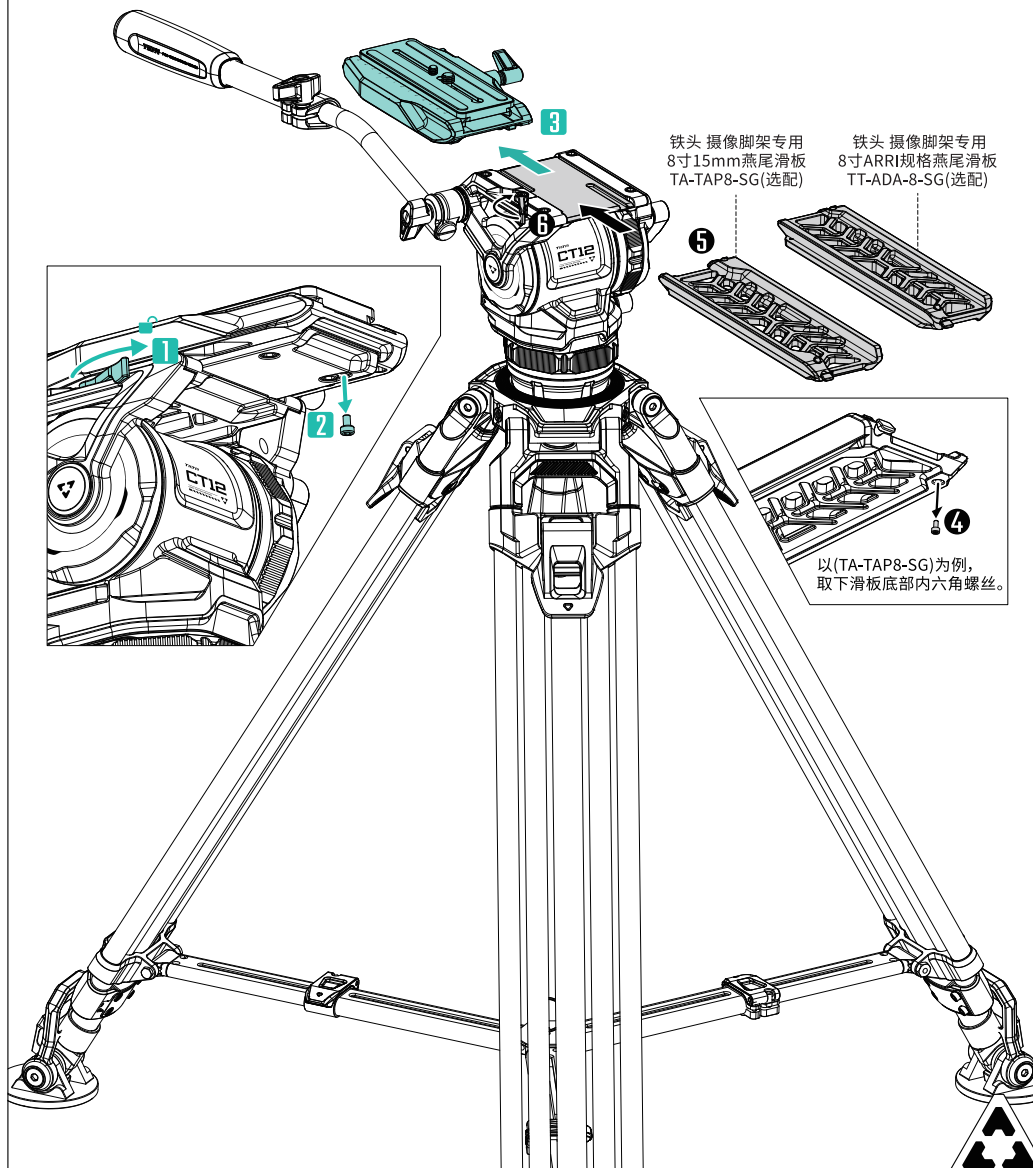


# 调平夹座可更换为铁头 燕尾滑板(选配),获得更长的重心调节行程

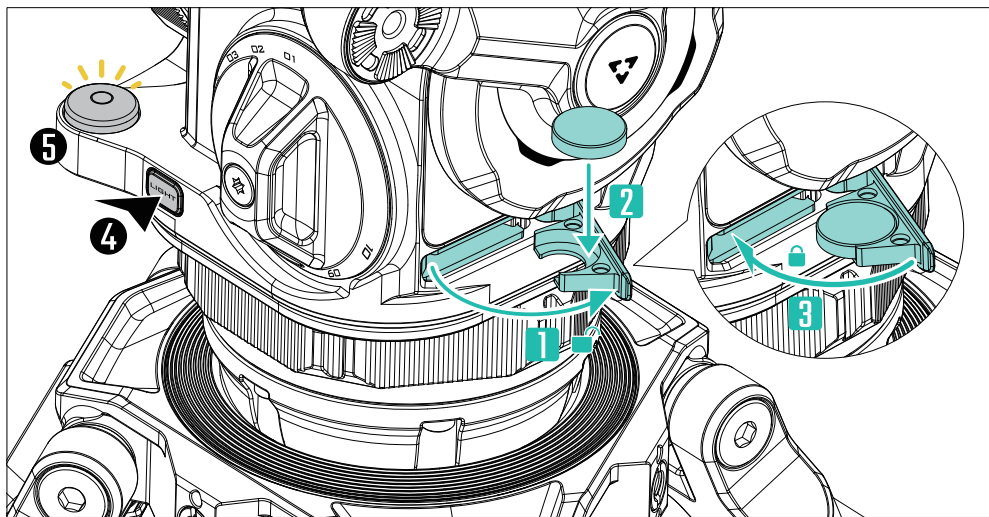
调整夹座位置, 松开 **1** 扳扣并取下夹座底下的 **2** 内六角螺丝, 取出 **3** 夹座。

更换为铁头 摄像脚架专用8寸15mm燕尾滑板(TA-TAP8-SG) 或 铁头 摄像脚架专用8寸ARRI规格燕尾滑板(TT-ADA-8-SG)。

- (1) 取下滑板底部内六角螺丝 **4**, 将燕尾滑板 **5** 滑入云台上, 锁紧扳扣 **6**;
- (2) 再将燕尾滑板底下的内六角螺丝装回原螺纹孔上即可。



## 发光水平仪——装配纽扣电池



(1) 打开纽扣电池仓 **1**，将纽扣电池(不含)放入电池仓中 **2**，关上电池仓 **3**。

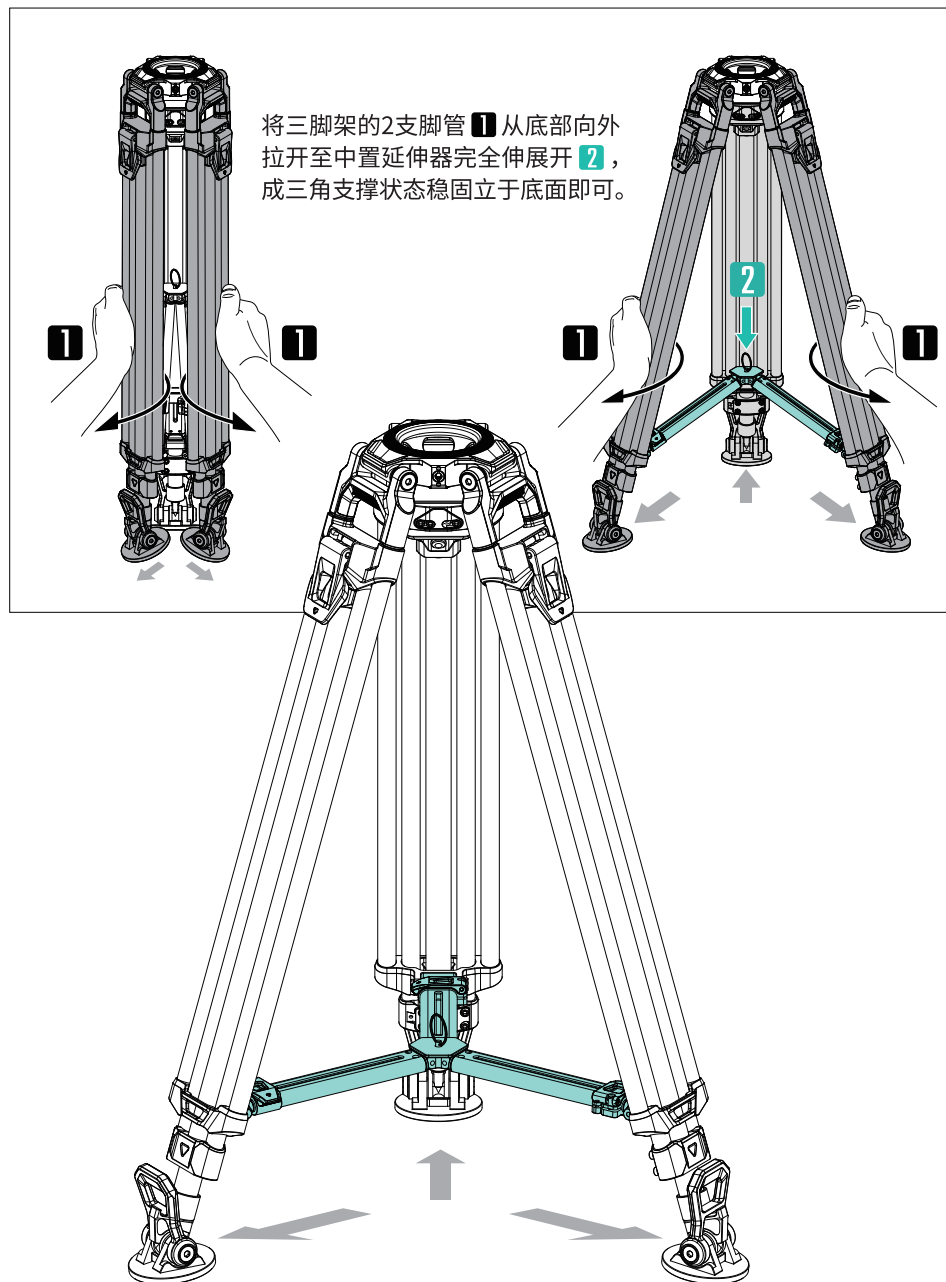
(2) 单击 **4** 水平仪发光开关键，水平仪亮灯 **5**。

**A** 注意

1. CT12云台不含纽扣电池。
2. CT12云台的纽扣电池仓适配CR1632 3V的纽扣电池(需自行购买纽扣电池)。
3. 请勿将CT12云台完全置于水中。
4. 当CT12云台的纽扣电池仓表面被雨水淋湿时，用干布或干纸巾擦干表面水渍。
5. 当CT12云台的纽扣电池仓不慎进水时，可通过以下方式处理：
  - (1). 取出自行装配的纽扣电池；
  - (2). 将云台放置在干燥通风处并用干布或干纸巾擦干电池仓内壁及表面水渍；
  - (3). 待电池仓干燥后，重新装配纽扣电池检测是否可正常运行，如未能正常运行，可联系TITLA售后客服进行产品检测处理。

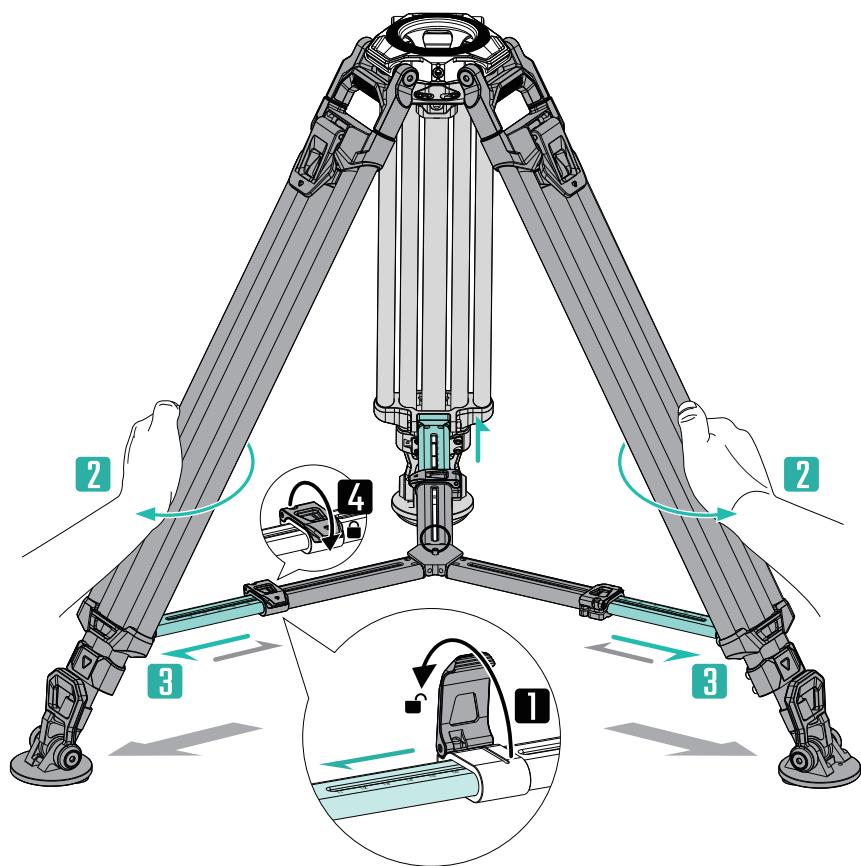


## 收纳/展开脚架





## 中置延伸器调节/脚架角度调节



打开中置延伸器的锁紧扳扣**1**，从底部向外拉开3支脚管**2**，将中置延伸器的内臂延伸到所需的标记长度**3**，锁紧扳扣**4**完成中置延伸扩展。

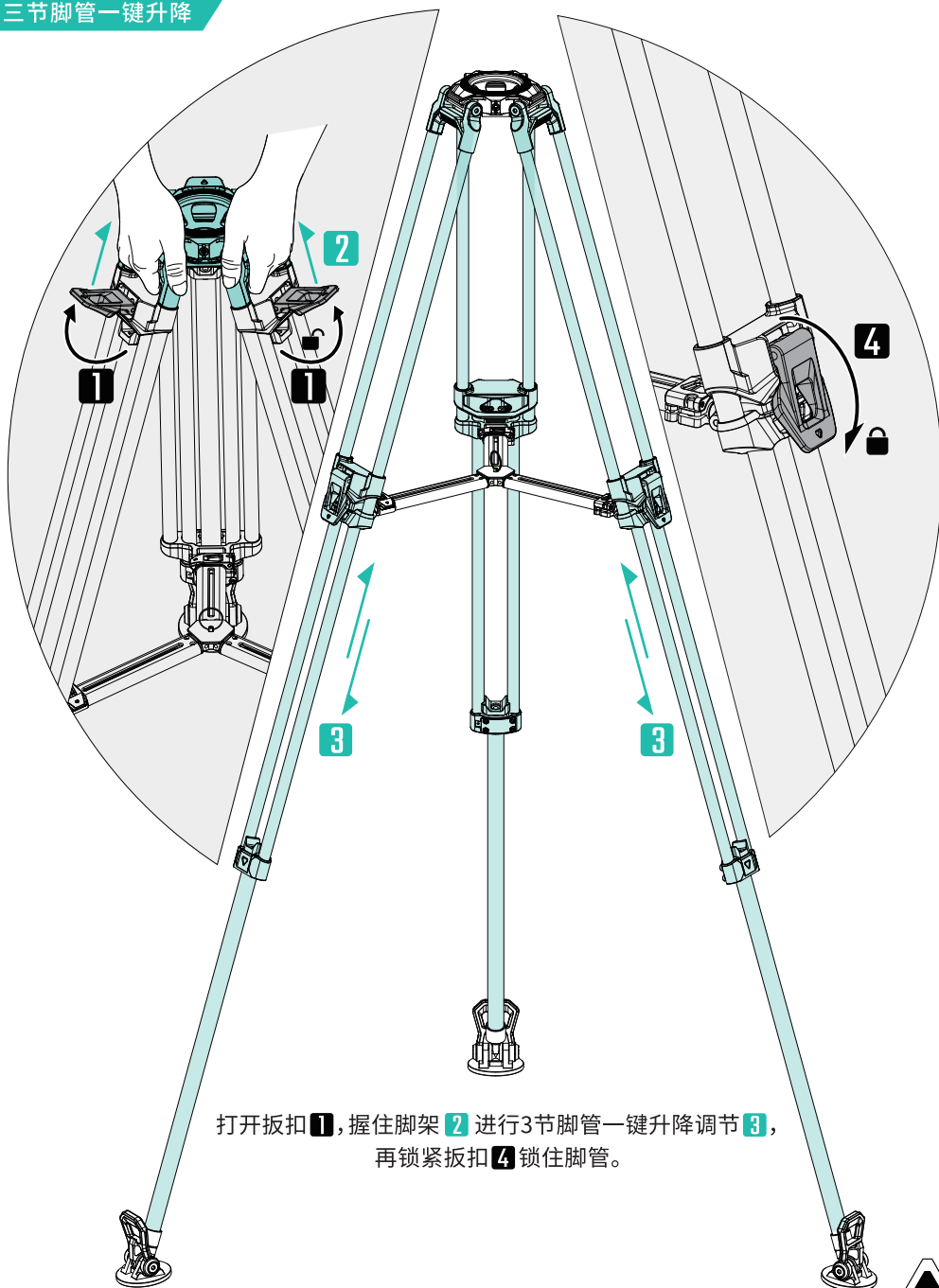


根据中置延伸器内臂上的刻度标记延伸或收缩调节所需的脚架角度。





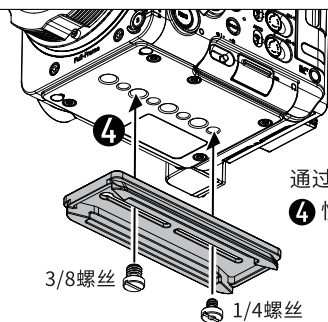
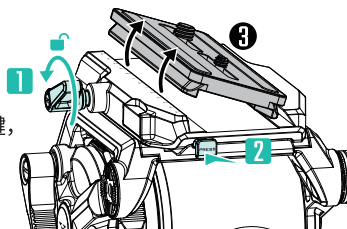
### 三节脚管一键升降



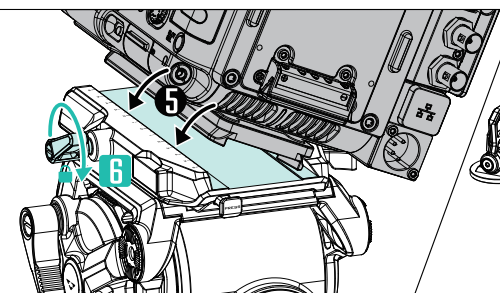
打开扳扣**1**，握住脚架**2**进行3节脚管一键升降调节**3**，再锁紧扳扣**4**锁住脚管。



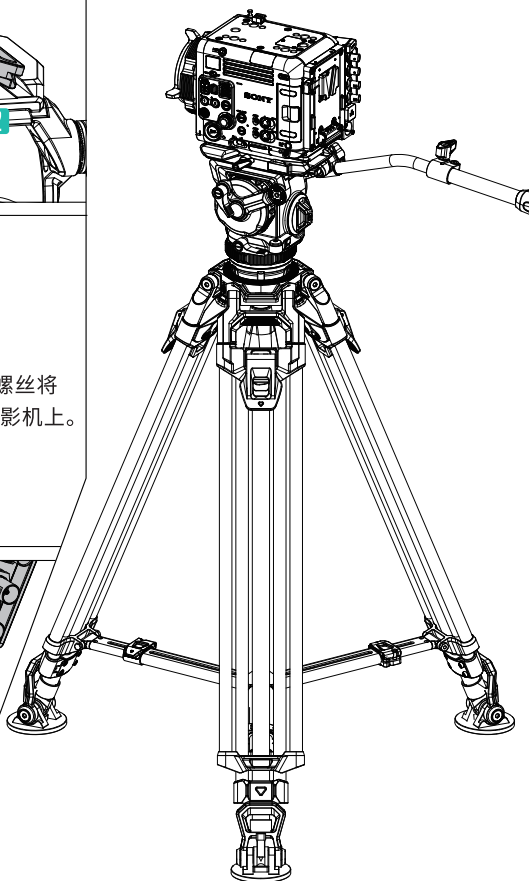
- 1 松开旋钮，
- 2 按住侧压解锁按键，
- 3 取出侧压弹出的快装板。



通过3/8螺丝和1/4螺丝将  
4 快装板装配在摄影机上。



将装配好快装板的摄影机 5 下压安装到夹座上，锁紧旋钮 6 完成装配。



## 注意事项

### 安全

1. 请勿超负荷使用。
2. 在使用时，严禁碰撞三脚架。
3. 安装好摄影机后，应严格检查三脚架与中置延伸器之间是否锁紧固定。
4. 云台的纽扣电池仓不含电池，同时请勿将云台完全置于水中。



### 使用环境

1. 请勿在低于零下40°C及高于60°C的温度下操作。
2. 当处于潮湿、泥沙、风尘环境时,使用完毕后一定要将三脚架用干布擦干净。若脚管内部已进水,请将脚管完全伸出进行清洁,完全干燥后再伸回脚管。
3. 请勿将产品在阳光下长时间放置,避免产品靠在汽车玻璃旁经历高温长达数小时。
4. 在公共场所使用本产品时,请勿离人;在危险的地方使用时,请慎重操作。
5. 禁止脚架搭载设备(相机)一起携带移动。
6. 产品无需配备润滑剂,如在某些情况下必需使用时,请使用标准润滑油或油脂。
7. 为了人身安全,在使用产品时请勿与带电物品以及高压设备或强效化学用品接触。
8. 若使用过程中云台不慎进水,请尽快与TILTA售后进行联系,过长时间的潮湿状态会导致云台内部产生不可逆的伤害。



**TILTA 75MM CINE FLUID HEAD WITH 2-STAGE ONE TOUCH  
CARBON FIBER TRIPOD LEGS (12KG)**