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› Tilta Lightweight Dual Handle Gimbal Support System (GSS-T04-DHB2) User Manual

Tilta GSS-T04-DHB2

Tilta Lightweight Dual Handle Gimbal Support System (GSS-T04-DHB2) User Manual

Enhanced Comfort and Stability for Gimbal Operation



1. INTRODUCTION

The Tilta Lightweight Dual Handle Gimbal Support System (GSS-T04-DHB2) is designed to provide enhanced comfort and stability for operators using handheld gimbals, particularly during extended shooting sessions. This system helps distribute the weight of the gimbal and camera setup across the operator's body, reducing arm fatigue and allowing for more precise control. It is compatible with DJI Ronin RS2, RSC2, RS3, RS3 Pro, RS4, and RS4 Pro gimbals.



This image shows a user wearing the Tilta Lightweight Dual Handle Gimbal Support System, demonstrating how the vest and handles distribute the weight of a camera gimbal for comfortable operation.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with assembly.

- 1x Lightweight Gimbal Support Vest (GSS-T04)
- 1x Dual Handle Bracket for DJI Ronin (TGA-DHB2)

PACKING LIST

Lightweight Gimbal Support Vest (GSS-T04) *1
Dual Handle Bracket for DJI Ronin (TGA-DHB2) *1



PRODUCT SPECS

Color: Black

Number: GSS-T04-DHB2

Materials: Aluminum-alloy, Stainless Steel, Nylon, Plastic

Weight: 4.4 lbs

Name: Lightweight Dual Handle Gimbal Support System

Dimensions: 16.5 x 9.5 x 6.5 inches

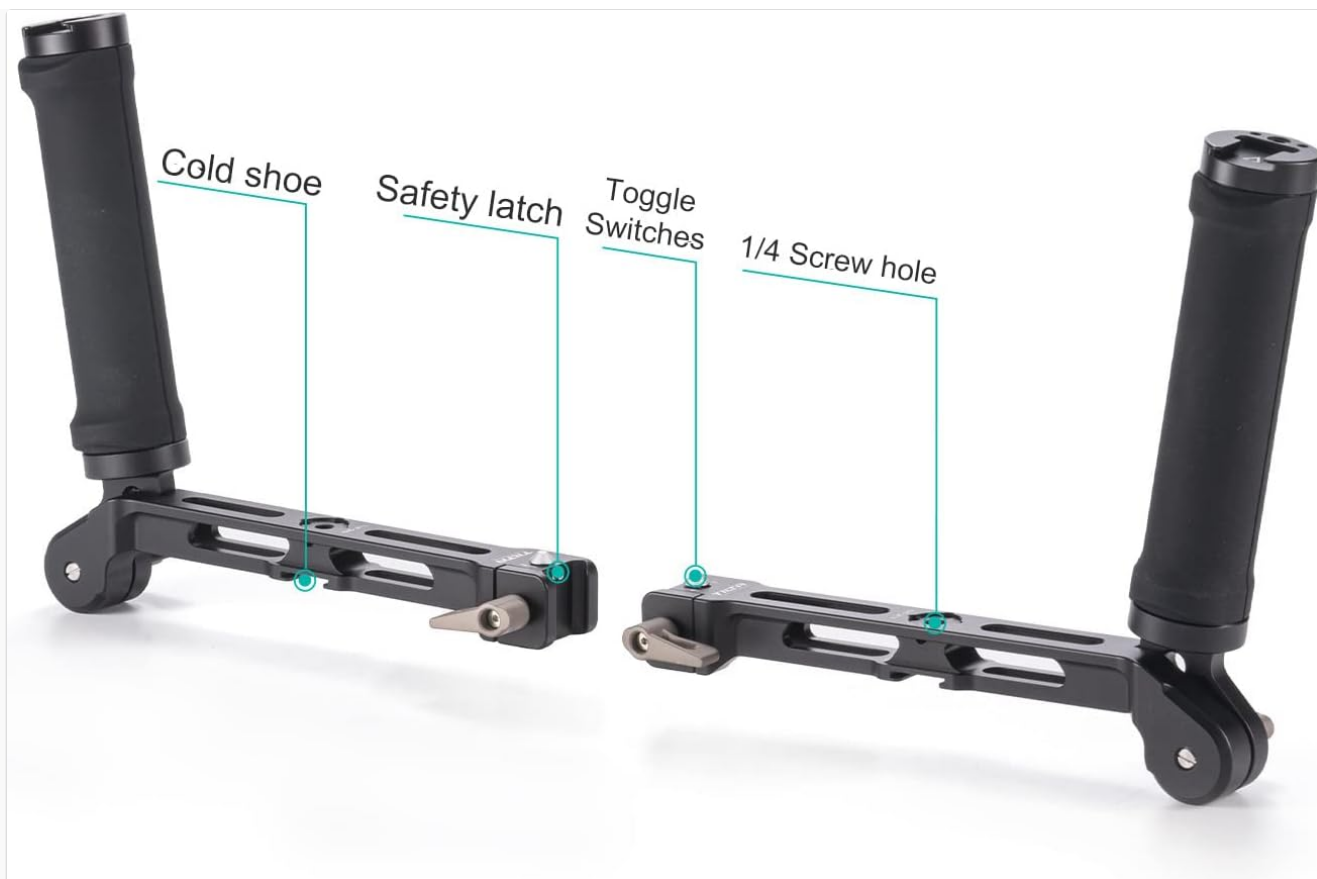
The packing list illustrates the main components included: the Lightweight Gimbal Support Vest (GSS-T04) and the Dual Handle Bracket for DJI Ronin (TGA-DHB2).

3. SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your Tilta Lightweight Dual Handle Gimbal Support System.

3.1. Dual Handle Bracket Assembly

1. Unpack the Dual Handle Bracket (TGA-DHB2).
2. Ensure the safety latches are disengaged before attaching to your gimbal.
3. Utilize the 1/4-inch screw holes and cold shoe mounts for attaching additional accessories as needed.



A close-up of the dual handle bracket highlights key features such as the cold shoe mount for accessories, a safety latch, toggle switches, and 1/4-inch screw holes for additional attachments.

3.2. Gimbal Support Vest Preparation

1. Unpack the Lightweight Gimbal Support Vest (GSS-T04).
2. Adjust the quick-release buckle and straps to fit your waistline (range 85-130cm). Ensure a snug but comfortable fit to properly distribute weight.
3. Familiarize yourself with the NATO rail for vertical adjustment and the NATO to 1/4-20 mounting bracket for gimbal attachment.
4. The expansion strap and D-rings can be used for attaching small tools or additional accessories.

Safety Button

Prevents the vest from falling off

Expansion Strap

For attaching small tripod and tools.

NATO Rail

Allows for vertical adjustment.

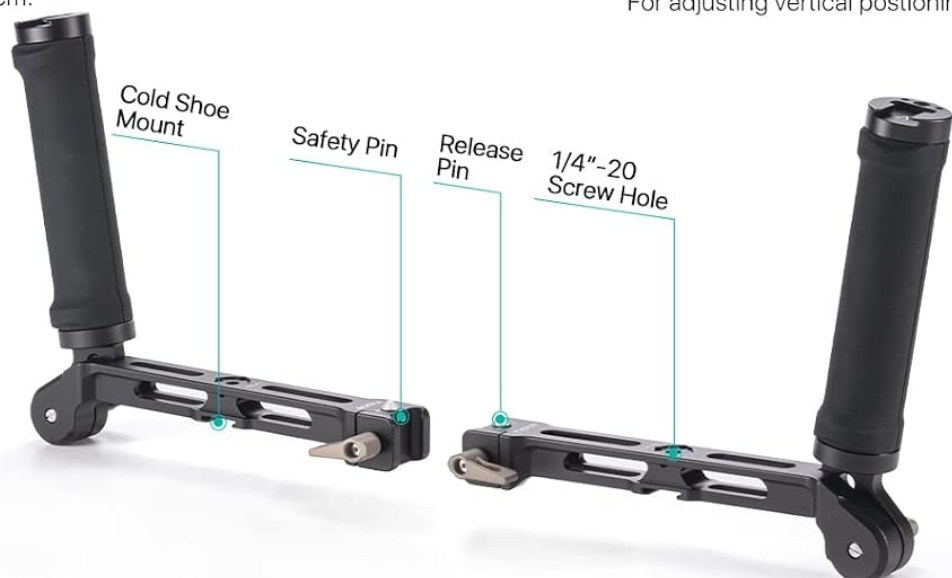
Quick Release Buckle

Supports adjustment on both ends to fit all body types. Waist-line range 85-130cm.

D-Ring

NATO to 1/4"-20 Mounting Bracket for Gimbal Support Vest

For adjusting vertical positioning.



This image details the various parts of the gimbal support vest, including the safety button, expansion strap, NATO rail for vertical adjustment, quick release buckle, D-ring, and the NATO to 1/4-20 mounting bracket for the gimbal.



A detailed view of the waist belt, showing the quick-release buckle and D-rings, which allow for waistline adjustments from 85-130cm to fit various body types.

4. OPERATING INSTRUCTIONS

Proper operation of the support system ensures maximum comfort and stability.

4.1. Wearing the Support System

1. Put on the Lightweight Gimbal Support Vest, ensuring the shoulder straps are comfortable and the waist belt is securely fastened around your waist.
2. Adjust the straps to achieve an ergonomic fit that distributes the gimbal's weight evenly across your shoulders and hips.

4.2. Attaching the Gimbal

1. Attach your compatible DJI Ronin gimbal (RS2, RSC2, RS3, RS3 Pro, RS4, RS4 Pro) to the NATO to 1/4-20 mounting bracket on the vest.
2. Secure the Dual Handle Bracket to your gimbal, ensuring all connections are tight and secure.
3. Adjust the vertical positioning of the gimbal using the NATO rail on the vest for optimal balance and operating height.

4.3. Enhancing Control and Comfort

- **Enhanced Comfort:** The system is designed to allow for longer shooting periods by reducing strain on your arms.
- **Improved Gimbal Operation:** Expanded points of contact provide better control and stability.
- **Flexible Rotation:** The handles offer flexible rotation, allowing you to fine-tune your operating position for

various shots.

- **Support Straps:** Utilize the support straps for additional security and to go hands-free when necessary.



Ready for Expansions

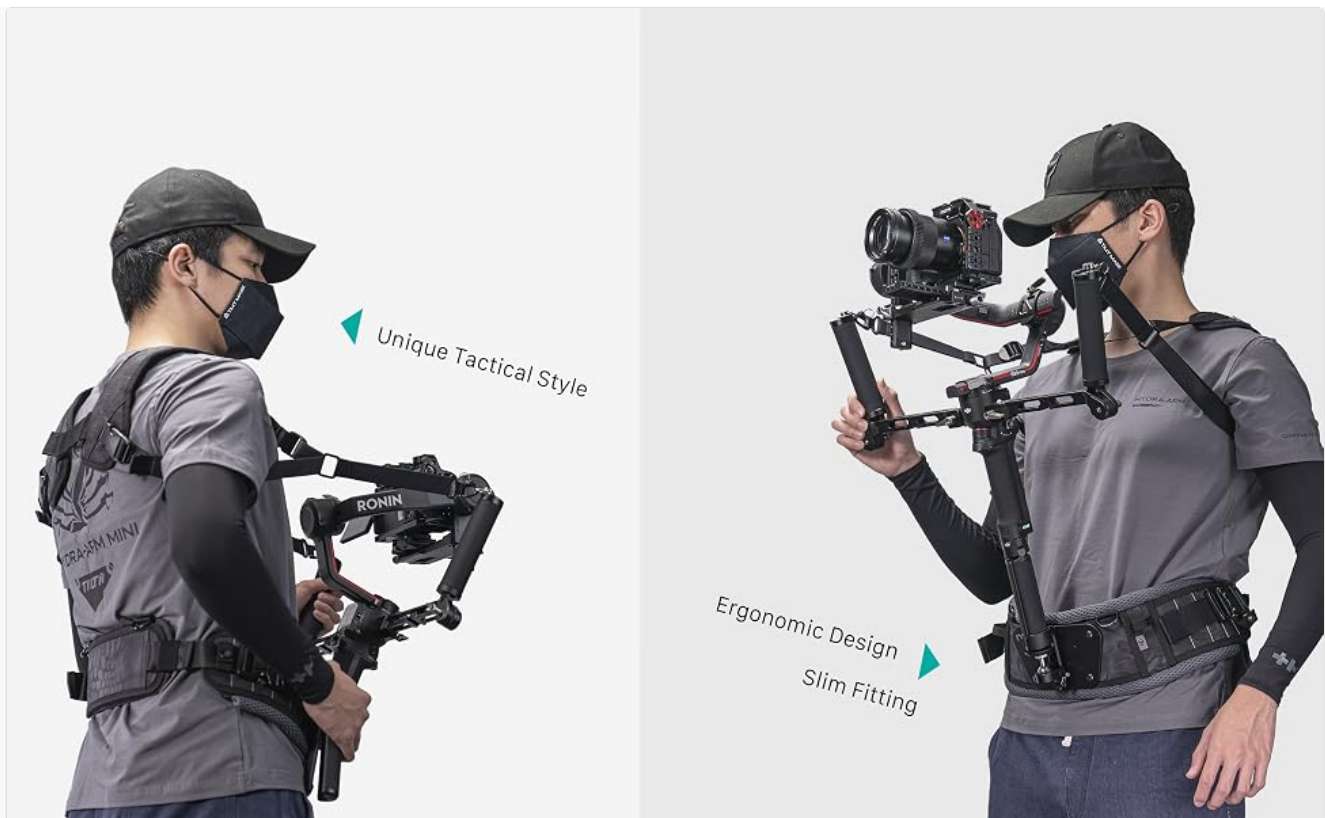
Multiple built-in 1/4"-20 screw holes and cold shoe mounts for mounting monitor bracket, phone bracket, etc.

A user demonstrates the system's expandability, with the vest and handles providing stable support while showcasing the multiple 1/4-20 screw holes and cold shoe mounts available for attaching monitors, phone brackets, and other accessories.

LIGHTWEIGHT DUAL HANDLE GIMBAL SUPPORT SYSTEM



This image provides an overall view of the Tilta Lightweight Dual Handle Gimbal Support System in use, highlighting its ergonomic design and how it supports a camera and gimbal setup for extended shooting periods.



This side profile shows the ergonomic design and slim fit of the Tilta Lightweight Dual Handle Gimbal Support System, ensuring comfort and freedom of movement during operation.

5. MAINTENANCE

Regular maintenance helps prolong the life and performance of your support system.

- **Cleaning:** Wipe down the vest and handles with a damp cloth after use. Avoid harsh chemicals.
- **Storage:** Store the system in a dry, cool place away from direct sunlight.
- **Inspection:** Periodically check all buckles, straps, and mounting points for wear and tear. Ensure all screws and latches are secure.

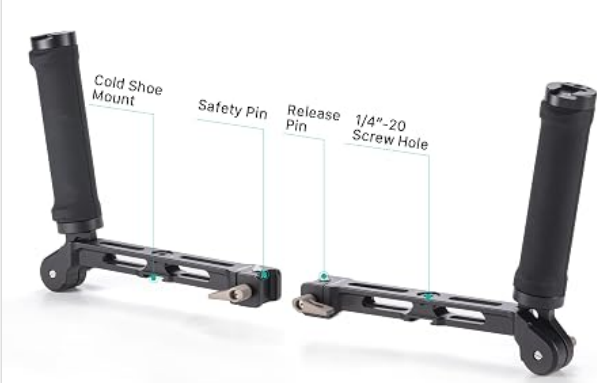
6. TROUBLESHOOTING

If you encounter issues with your Tilta Lightweight Dual Handle Gimbal Support System, consider the following:

- **Discomfort or Uneven Weight Distribution:** Re-adjust all straps and the waist belt. Ensure the gimbal is balanced correctly on the mounting bracket and that the vertical position is optimized.
- **Instability:** Verify that all connections, including the gimbal to the mounting bracket and the handles to the gimbal, are securely tightened. Check for any loose components.
- **Accessory Fit Issues:** Ensure that any attached accessories are compatible with 1/4-inch screw holes or cold shoe mounts and are not obstructing movement or balance.
- **Component Damage:** If any part appears damaged or broken, discontinue use and contact Tilta customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	GSS-T04-DHB2
Brand	Tilta
Color	Black
Compatible Devices	DJI Ronin RS2, RSC2, RS3, RS3 Pro, RS4, RS4 Pro
Item Weight	1.7 kg (System Total)
Folded Size	16.5 x 9.5 x 6.5 inches
Materials	Aluminum-alloy, Stainless Steel, Nylon, Plastic, 1000D Cordura+Mesh
Waistline Range	85-130 cm
Maximum Weight Recommendation	10 kg
Built-In Media	Lightweight Gimbal Support Vest (GSS-T04), Dual Handle Bracket for DJI Ronin (TGA-DHB2)
UPC	810076270388



PRODUCT NAME	Lightweight Dual Handle Gimbal Support System	
SKU	GSS-T04-DHB2	
DIMENSIONS	204×56×64mm (Dual Handle)	262×242×142mm (Lightweight Gimbal Support)
MATERIALS	Aluminum+1000D Cordura+Mesh	
WEIGHT	358G	
FILLER MATERIALS	10mm EVA+10mm Dense Foam	
COMPATIBILITY	RS2 / RS3 PRO / RSC2 / RS3	

This diagram provides key specifications including product name, SKU (GSS-T04-DHB2), dimensions for both dual handle and lightweight gimbal support, materials (Aluminum-alloy, 1000D Cordura+Mesh), weight (358g for dual handle), filler materials (10mm EVA+10mm Dense Foam), and compatibility (RS2 / RS3 PRO / RSC2 / RS3).

8. PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Official overview video demonstrating the features, assembly, and usage of the Tilta Lightweight Dual Handle Gimbal Support System.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Tilta directly through their official channels. Keep your purchase receipt as proof of purchase.

You can visit the official Tilta store for more information and contact details: [Tilta Official Store](#)



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