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Tilta TA-T64-A-B

Tilta Advanced Kit for BMCC 6K Camera Cage

Instruction Manual - Model: TA-T64-A-B

1. INTRODUCTION AND OVERVIEW

The Tilta Advanced Kit for BMCC 6K is designed to provide comprehensive protection and expandability for your Blackmagic Design Cinema Camera 6K. This kit enhances the camera's functionality by offering multiple mounting points for accessories, improved handling, and robust physical protection. It allows for various configurations, adapting to different shooting scenarios from handheld to tripod or stabilizer setups.



Image 1.1: The Tilta Advanced Kit for BMCC 6K, showcasing the full camera cage and various components.

2. WHAT'S IN THE BOX

Please verify that all components listed below are included in your Tilta Advanced Kit:

- 1x Full Camera Cage for BMCC 6K – Black (TA-T64-FCC-B)
- 1x Tilta Xeno Top Handle (1/4"-20 with Locating Pins) – Black (TA-XTH1-B)
- 1x Tilta SSD Drive Holder for T5 – Black (TA-SSDH-T5-B)
- 1x 15mm Rod Holder for BMPCC 6K Pro – Black (TA-T11-RH-B)
- 1x HDMI 90-Degree Adapter for BMPCC 4K/6K (TA-T01-HDA-90)
- 1x Tilting 15mm LWS Baseplate Type VI – Black (TA-BSP6-15-B)
- 1x Advanced Side Handle Run/Stop Cable for USB-C Port (RS-TA3-USBC)
- 1x Tilting Left Side Advanced Power Handle with Run/Stop (F570 Battery) – Black (TA-LRH-57-B)
- 1x Tilting Advanced Left Side Handle Attachment Type VI – Black (TA-AHA6-L-B)
- 2x Aluminum Rod 15*200mm Black (R15-200-B)



Image 2.1: An assembled view of the Tilta Advanced Kit, illustrating the various components included.

3. SETUP AND INSTALLATION

Follow these steps to properly assemble and install your Tilta Advanced Kit components onto your Blackmagic Design Cinema Camera 6K.

3.1. Full Camera Cage Installation

1. Ensure your BMCC 6K camera is powered off and any attached accessories are removed.
2. Align the camera with the base of the Full Camera Cage (TA-T64-FCC-B).
3. Secure the camera to the cage using the primary mounting screw at the bottom.
4. Utilize the three-point locking mechanism for a secure and stable installation, preventing camera rotation within the cage.



Image 3.1: Illustration of the three-point locking mechanism ensuring secure camera attachment.

3.2. Top Handle Attachment

1. Attach the Tilta Xeno Top Handle (TA-XTH1-B) to the NATO rail located on the top of the Full Camera Cage.
2. Tighten the locking screw to secure the handle firmly in place.

FLEXIBLE ADAPTATION

Compatible with the original battery grip after removing the baseplate



Image 3.2: The camera cage with the top handle attached, providing an additional grip point.

3.3. Advanced Side Handle Installation

1. Mount the Tiltaing Advanced Left Side Handle Attachment Type VI (TA-AHA6-L-B) to the NATO rail on the left side of the camera cage.
2. Attach the Tiltaing Left Side Advanced Power Handle (TA-LRH-57-B) to the attachment.
3. Connect the Advanced Side Handle Run/Stop Cable (RS-TA3-USBC) from the handle to the USB-C port on your camera for remote run/stop functionality.

3.4. Baseplate and Rods Setup

1. Attach the Tiltaing 15mm LWS Baseplate Type VI (TA-BSP6-15-B) to the bottom of the camera cage. This baseplate is ARCA compatible for quick mounting.
2. Insert the two Aluminum Rods 15*200mm (R15-200-B) into the rod clamps on the baseplate.
3. If needed, attach the 15mm Rod Holder (TA-T11-RH-B) to the rods for additional accessory mounting.

3.5. SSD Drive Holder and HDMI Adapter

1. Mount the Tilta SSD Drive Holder for T5 (TA-SSDH-T5-B) to a suitable 1/4"-20 thread on the cage.

2. Attach the HDMI 90-Degree Adapter (TA-T01-HDA-90) to the camera's HDMI port to protect the port and provide a more convenient cable routing.

NUMEROUS MOUNTS & THREADS

Multiple threads accommodate various accessories such as EVF extensions, SSD/ Rod holders, and baseplates, etc.



Image 3.3: The camera cage with an SSD holder attached, demonstrating accessory integration.

4. OPERATING AND CONFIGURATIONS

The Tilta Advanced Kit offers versatile configurations to suit various shooting requirements.

4.1. Detachable Design and Modes

The cage features a detachable design, allowing you to configure it as a full cage, half cage, or L-bracket setup. This flexibility is crucial for adapting to different camera setups and accessory needs.

- **Full Cage:** Provides maximum protection and numerous mounting points.
- **Half Cage:** Reduces weight and size while still offering essential protection and mounting.
- **L-Bracket:** Ideal for vertical shooting or specific mounting requirements.



Image 4.1: The detachable design of the cage allows for full cage, half cage, and L-bracket configurations.

4.2. Handheld, Tripod, and Stabilizer Use

- **Handheld:** The top handle and advanced side handle provide comfortable and secure grip for handheld shooting, facilitating low-angle shots and dynamic movements.
- **Tripod:** The ARCA-compatible baseplate allows for quick attachment and detachment from tripods, streamlining your workflow.
- **Stabilizer:** The cage's design and mounting points are optimized for integration with popular stabilizers like the DJI RS 3/Pro, ensuring balanced and stable footage.

CONFIGURATIONS

CAMERA CAGE FOR BMCC 6K ADVANCED KIT



Image 4.2: The Tilta Advanced Kit mounted on a stabilizer, demonstrating its compatibility and stability for dynamic shots.

4.3. Battery Grip Compatibility

The cage is designed to be compatible with the original battery grip for the BMCC 6K. To use the battery grip, the baseplate of the cage must be removed. An adjustable bottom plate expansion bracket (optional, not included in this kit) can further enhance compatibility.



Image 4.3: The cage configured to accommodate the camera's battery grip, offering flexible power solutions.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Tilta Advanced Kit, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the cage and accessories. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- **Inspections:** Regularly check all screws and connections for tightness. Loose components can affect stability and potentially damage your camera.
- **Storage:** Store the kit in a clean, dry environment, away from extreme temperatures and humidity.
- **Lubrication:** Moving parts, such as the top handle's pivot points, may benefit from a small amount of silicone-based lubricant if they become stiff over time.

6. TROUBLESHOOTING

If you encounter any issues with your Tilta Advanced Kit, consider the following common solutions:

- **Loose Connections:** If any part of the rig feels wobbly, re-check all screws and locking mechanisms. Ensure they are tightened securely.
- **Accessory Mounting Issues:** Verify that accessories are compatible with the mounting points (e.g., 1/4"-20, 3/8"-16, NATO rail, Arri Rosette). Ensure correct orientation and proper tightening.
- **Run/Stop Cable Not Working:** Check that the USB-C cable is fully inserted into both the side handle and the camera. Ensure the camera's settings are configured to accept external run/stop commands.
- **Camera Not Fitting:** Confirm that you are using the Blackmagic Design Cinema Camera 6K (Full Frame). This cage is not compatible with BMPCC 4K, BMPCC 6K, or BMPCC 6K Pro models.

7. SPECIFICATIONS

Feature	Detail
Model Number	TA-T64-A-B
Product Dimensions	16.9 x 9.8 x 5.9 inches
Item Weight	4.6 pounds
Color	Black
Material	Aluminum Alloy (typical for Tilta cages)
Compatible Devices	Blackmagic Design Cinema Camera 6K (Full Frame)
Mounting Points	1/4"-20 threads with locating pins, 3/8"-16 threads with locating pins, NATO rails, Cold Shoe receivers, Arri Rosette
Baseplate Compatibility	ARCA-Swiss compatible
Power Handle Battery	Requires 1 Nonstandard Battery (e.g., Sony F570 type for power handle)
UPC	810076279510

8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Tilta website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Tilta Official Website: www.tilta.com

