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Tilta TA-BTP2-F970-B

Tilta F970 Battery Plate V2 - Black Instruction Manual

Model: TA-BTP2-F970-B

Brand: Tilta

INTRODUCTION

The Tilta F970 Battery Plate V2 is designed to provide versatile power solutions for your camera and accessories using Sony L-Series batteries. This manual provides essential information for proper setup, operation, and maintenance.

SETUP & INSTALLATION

Mounting the Battery Plate

The battery plate features a 1/4"-20 screw with locating pins for secure attachment to camera cages or other rigging accessories. The anti-rotation design, combined with a silicone pad on the back, ensures a stable connection.

TOOL-FREE ASSEMBLY

Secure the NP-F battery plate via a 1/4"-20 thumb screw with locating pins. Easily install onto camera cages, cheese plates, etc.



Image Description: A close-up view of the Tilta F970 Battery Plate V2's underside, showing the 1/4"-20 thumb screw and two locating pins. The screw can be tightened by hand or with a flat-head screwdriver.

Inserting an L-Series Battery

Align your Sony L-Series battery with the battery slot on the plate and slide it in until it clicks securely into place. The design accommodates various L-Series battery sizes and brands.

HIGH COMPATIBILITY

Compatible with a wide range of NP-F batteries, including Sony and third-party brands.

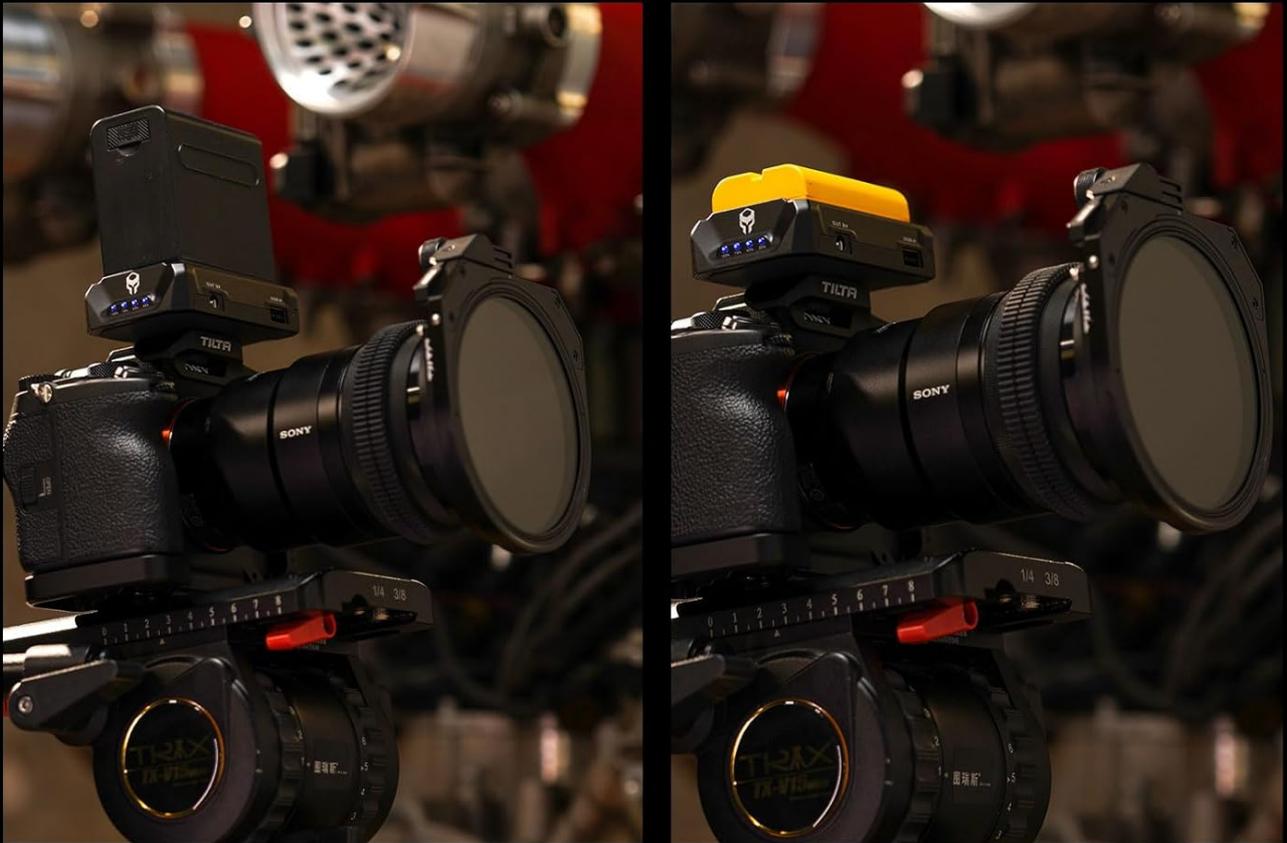


Image Description: Two cameras with different sized L-Series batteries mounted on the Tilta F970 Battery Plate V2, demonstrating compatibility with various battery dimensions.

OPERATING INSTRUCTIONS

Powering Accessories

The battery plate offers multiple power output options:

- USB-A: 5V/2.1A
- DC Out: 8V/3A (DC5521 standard)
- USB-C In/Out: 18W PD (Power Delivery)
- DC Out: 12V/2A (DC5525 standard)

VARIOUS POWER PORTS

Four types of power ports accommodate various devices such as cameras, camera accessories, smart phones, tablets, etc.



Image Description: A diagram illustrating the various output ports on the Tilta F970 Battery Plate V2, including USB-A, USB-C, and two DC outputs. Below the diagram, images show the plate powering a cellphone, a tablet, and a camera.

Charging L-Series Batteries

The USB-C port supports dual-directional power. Connect a USB-C PD charger to this port to charge the L-Series battery while it is connected to the plate.



Image Description: A close-up of the Tilta F970 Battery Plate V2 with a USB-C cable connected, indicating dual-direction fast charging capability.

Battery Indicator

The integrated battery indicator provides real-time information on battery capacity and charging status.

- **Discharge:** Constant light display indicates current battery capacity.
- **Charge:** Blinking light indicates current battery capacity during charging.
- **Insert Battery:** The indicator turns on and displays the current capacity.
- **No Charge/Discharge:** Lights turn off after 30 seconds.

BATTERY INDICATOR

Real-time display of remaining battery capacity and charging/discharging status.

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- ① **Discharge:** Constant display. (Indicates the current battery capacity.)
- ② **Charge:** Blinking light. (Indicates the current battery capacity.)
- ③ **Insert Battery:** The indicator turns on and displays the current capacity.
- ④ **No charge/discharge:** The light turns off in 30s.

Image Description: A close-up of the Tilta F970 Battery Plate V2 with an L-Series battery inserted, showing the four LED battery indicator lights.

PRODUCT FEATURES

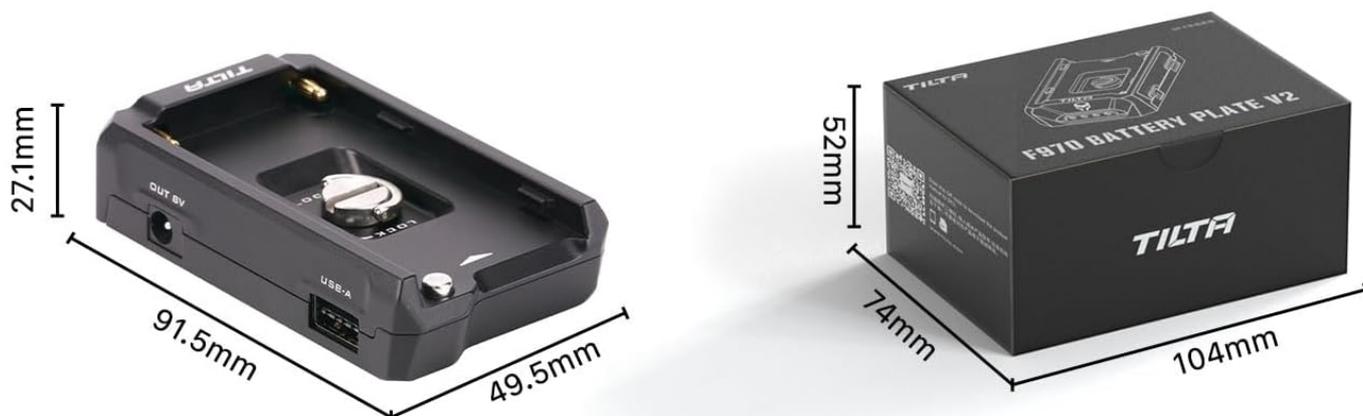
The Tilta F970 Battery Plate V2 offers several key features for enhanced functionality and reliability:

- **Universal Compatibility:** Designed for Sony L-Series batteries, compatible with various brands and battery sizes.
- **Anti-Rotation Design:** Securely mounts via a 1/4"-20 screw with locating pins and a silicone back plate to prevent rotation.
- **Multiple Power Outputs:** Provides power to accessories through USB-C PD, DC 8V, DC 12V, and USB-A ports.
- **Dual-Directional USB-C:** The USB-C port functions as both an output for powering devices and an input for charging connected L-Series batteries.
- **Battery Life Indicator:** Displays real-time battery life and charging status via LED lights.

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Tilta
Model Number	TA-BTP2-F970-B
Material	Aluminum Alloy, Silicone
Color	Black
Item Weight	0.26 Pounds (120g)
Dimensions (excluding bottom threads)	91.5 x 49.5 x 22mm
Dimensions (including bottom threads)	91.5 x 49.5 x 27.1mm
Input Voltage	12 Volts
Output Voltage	8V/3A (DC5521), 12V/2A (DC5525)
USB-A Output	5V/2.1A
USB-C In/Out	18W PD Bi-Directional
Compatible Devices	NP-F Series Batteries, Sony Cameras
Total USB Ports	3 (1x USB-A, 1x USB-C)
Power Source	Battery Powered
Mounting	1/4"-20 screw with locating pins

PRODUCT SPECIFICATIONS



PRODUCT NAME	Tilta F970 Battery Plate V2 - Black
SKU	TA-BTP2-F970-B
DIMENSIONS	91.5×49.5×22mm (Not including the bottom threads) 91.5×49.5×27.1mm (Including the bottom threads)
MATERIALS	Aluminum Alloy
NET WEIGHT	120g
COLOR	Black

Image Description: A visual representation of the Tilta F970 Battery Plate V2 with key dimensions and product specifications listed in a table format.

PACKAGE CONTENTS

- 1x Tilta F970 Battery Plate V2 - Black

TROUBLESHOOTING

If the battery indicator lights do not illuminate after inserting a charged battery, ensure the battery is correctly seated and fully charged. If power output issues occur, verify all cables are securely connected to the correct ports. For persistent issues, contact Tilta customer support.

WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Tilta website or contact your authorized dealer. Keep your purchase receipt for warranty claims.

