K&F CONCEPT NP-FW50

K&F CONCEPT NP-FW50 Battery and Dual Slot Charger User Manual

Model: NP-FW50

Introduction

Thank you for choosing the K&F CONCEPT NP-FW50 Battery and Dual Slot Charger. This product is designed to provide reliable and efficient power solutions for your compatible Sony cameras. This manual provides essential information on the proper use, maintenance, and safety of your new battery and charger kit. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- NP-FW50 Replacement Battery x 2
- Dual Slot USB Charger x 1
- Type-C Charging Cable x 1



Image: The K&F CONCEPT NP-FW50 battery and dual slot charger package, showing two batteries, the charger, and a USB-C cable.

Key Features

- **High Capacity Batteries:** Two 1100mAh NP-FW50 replacement batteries provide extended camera runtime.
- **Dual Slot Charger:** Simultaneously or independently charges two batteries.
- **Versatile Charging Options:** Features Micro USB and Type-C input ports for charging via various 5V USB power sources (PC, car charger, USB adapter, power bank).
- **Fast Charging:** Achieves a full charge in approximately 2.5 hours.
- **Multiple Safety Protections:** Built-in safeguards against over-charging, short-circuiting, high-temperature, over-voltage, over-discharge, and over-current.
- **Fully Decoded:** Ensures 100% compatibility and proper communication with supported Sony cameras.



Image: Two K&F CONCEPT NP-FW50 batteries, highlighting their 1100mAh capacity.



Image: Diagram illustrating the multiple safety protections of the K&F CONCEPT NP-FW50 charger, including temperature, over-voltage, over-discharge, over-current, over-charge, and short-circuit protection.

Compatibility

The K&F CONCEPT NP-FW50 batteries and charger are 100% compatible with Sony NP-FW50 Li-on batteries and are suitable for the following Sony camera models:

- Sony Alpha 7, A7, A7II, A7RII, A7SII, A7S, A7S2, A7R, A7R2
- Sony A5000, A6000, A6500, A6300, A6400
- Sony NEX-3, NEX-3N, NEX-5, NEX-5C, NEX-5N, NEX-5R, NEX-5T, NEX-6, NEX-7, NEX-C3, NEX-F3
- Sony ZV-E10
- Sony DSC-RX10



Image: A graphic displaying various compatible Sony camera models for the NP-FW50 battery.

Setup and Charging

Charging the Batteries

1. **Connect the Charger:** Use the provided Type-C charging cable to connect the dual slot charger to a 5V USB power source (e.g., wall adapter, power bank, computer USB port, car charger).
2. **Insert Batteries:** Insert one or two NP-FW50 batteries into the charging slots of the dual charger. Ensure the battery contacts align correctly with the charger pins.
3. **Monitor Charging Status:** The charger features LED indicators for each slot. A **red light** indicates that the battery is currently charging. A **green light** indicates that the battery is fully charged or no battery is present in the slot.
4. **Charging Time:** A full charge typically takes approximately 2.5 hours per battery.



Image: The K&F CONCEPT dual slot charger with two NP-FW50 batteries inserted, showing red and green LED indicators for charging status.



Image: The K&F CONCEPT dual slot charger connected via USB-C, illustrating various power sources like a laptop, power bank, wall charger, and car charger.

Inserting Batteries into Camera

1. Ensure the camera is turned off.
2. Open the battery compartment cover on your Sony camera.
3. Insert a fully charged NP-FW50 battery into the compartment, ensuring it clicks into place.
4. Close the battery compartment cover securely.

Operating Instructions

Using Batteries with Your Camera

Once the NP-FW50 battery is securely inserted into your compatible Sony camera, you can power on the camera and begin capturing photos or videos. The camera's battery indicator will display the remaining charge. These batteries are designed to

provide stable power output for extended shooting sessions.

Charging an Original Sony Battery

The K&F CONCEPT dual slot charger is also compatible with original Sony NP-FW50 batteries, allowing you to charge them using the same process described in the 'Charging the Batteries' section.

Safety Guidelines

To ensure safe operation and prolong the life of your K&F CONCEPT NP-FW50 batteries and charger, please observe the following safety precautions:

- Do not disassemble, crush, puncture, or short-circuit the batteries or charger.
- Avoid exposing batteries or charger to extreme temperatures, direct sunlight, or fire.
- Keep batteries and charger away from water and high humidity.
- Use only the provided charging cable or a certified Type-C cable with a 5V USB power source.
- If a battery appears damaged, swollen, or leaks, discontinue use immediately and dispose of it properly.
- Keep out of reach of children.

Specifications

Feature	Specification
Model Number	NP-FW50
Battery Capacity	1100mAh
Output Voltage	5 Volts
Input Voltage	5 Volts
Charging Time	Approximately 2.5 Hours
Product Dimensions	6.61 x 4.25 x 1.1 inches
Item Weight	7.5 ounces
Certifications	CE, FCC, RoHS

Troubleshooting

Common Issues and Solutions

- **Batteries not charging:**
  - Ensure the charging cable is securely connected to both the charger and the power source.
  - Verify the power source is active and providing 5V output.
  - Check if the batteries are inserted correctly into the charger slots with contacts aligned.
  - Try a different charging cable or power source.
- **Battery not recognized by camera:**
  - Ensure the battery is fully charged.

- Remove and reinsert the battery into the camera, ensuring it is seated correctly.
- Clean the battery contacts on both the battery and the camera with a dry, soft cloth.

- **Short battery life:**
  - Ensure batteries are fully charged before use.
  - Operating in cold environments can reduce battery performance.
  - High-power camera functions (e.g., continuous shooting, video recording, Wi-Fi) consume more power.

Product Videos

Essential Extra Power for Your Sony Camera

Video: A detailed review showcasing the K&F CONCEPT NP-FW50 batteries and dual charger, highlighting their benefits for Sony camera users.

MUST WATCH! Battery Charger for Cameras

Video: An unboxing and demonstration of the K&F CONCEPT dual USB charger, showing its compact design and ease of use for charging camera batteries.

Warranty and Support

K&F CONCEPT products are manufactured to high-quality standards. For warranty information, technical support, or any product-related inquiries, please refer to the official K&F CONCEPT website or contact their customer service directly. Please retain your proof of purchase for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question