K&F Concept NP-FZ100

K&F CONCEPT NP-FZ100 Dual Slot Battery Charger User Manual

Model: NP-FZ100 Charger

1. Introduction

Thank you for purchasing the K&F CONCEPT NP-FZ100 Dual Slot Battery Charger. This charger is designed to efficiently and safely charge your Sony NP-FZ100 camera batteries. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your product.

2. Product Overview

The K&F CONCEPT NP-FZ100 charger features a compact design, dual charging slots, and an LCD display for real-time battery status. It supports various power input methods for convenient charging anywhere.



Image: The K&F CONCEPT NP-FZ100 dual slot battery charger, showing its compact form factor and included USB-C cable.

Package Contents:

- NP-FZ100 Dual Slot Charger x1
- 1M USB Type-C Cable x1



Image: Contents of the charger package, including the charger unit, USB-C cable, and user manual.

3. Compatibility

This charger is 100% compatible with Sony NP-FZ100 batteries used in various Sony camera models, including but not limited to:

- Alpha 9, A9, 9R, A9R, 9S, A9S, a9III
- A7R3, a7CII (a7c2), a7CR, a6700
- ZV-E1, ZV-E10 II, ZV-E10 Mark II, ZV-E10M2
- a7RV, a7IV, a7RIV, a1, a7C, a7SIII, a9II, a7III, a7RIII, a6600
- FX3, FX30



Image: A visual representation of the charger's compatibility with various Sony camera models that use NP-FZ100 batteries.

4. Setup and Operating Instructions

4.1 Connecting the Charger

The charger features dual input ports: Micro-USB and Type-C. Use the provided Type-C cable or a compatible Micro-USB cable to connect the charger to a power source.



Image: The charger highlighting its Type-C and Micro USB input ports for versatile power connection.

Compatible power sources include:

- Laptop/PC USB ports
- Mobile power banks
- Car chargers
- USB wall chargers



Image: The charger demonstrating connections to a laptop, mobile power bank, and car charger.

4.2 Inserting Batteries

Insert one or two NP-FZ100 batteries into the designated charging slots (CH1 and CH2) on the charger. Ensure the battery contacts align correctly with the charger's pins.

4.3 Charging Process and Display

Once connected to power and batteries are inserted, the LCD digital display will activate. It features four power indicators for each battery slot, showing the charging progress:

- 0-25% charged
- 25-50% charged
- 50-75% charged
- 75-100% charged

Each slot's battery level is displayed independently.



Image: Close-up of the charger's LCD display, illustrating the four-segment battery level indicators for each charging channel.

The charger can charge two batteries simultaneously.

5. Safety Features

The K&F CONCEPT NP-FZ100 charger is built with high-quality materials and incorporates six protection functions to ensure safe and reliable charging:

- **Overcharge Protection:** Prevents batteries from being overcharged.
- **Short Circuit Protection:** Guards against short circuits.
- **High Temperature Protection:** Monitors and prevents overheating.
- **Overcurrent Protection:** Protects against excessive current flow.
- **Overvoltage Protection:** Shields against voltage spikes.
- **Electric Shock Prevention:** Designed for user safety.

These features ensure your batteries are charged securely and extend their lifespan. Each unit undergoes strict output inspection.



Image: The charger unit surrounded by icons depicting its six integrated safety protection mechanisms.

6. Maintenance

- Keep the charger clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not attempt to disassemble or modify the charger.
- Store the charger in a cool, dry place when not in use.
- Regularly check the charging cable for any signs of damage. Replace if necessary.

7. Troubleshooting

7.1 Charger Not Powering On

- Ensure the USB cable is securely connected to both the charger and the power source.
- Try a different USB cable or power adapter.
- Verify that the power source is active and providing power.

7.2 Batteries Not Charging

- Check if the batteries are correctly inserted into the slots, ensuring proper contact.
- Confirm that the batteries are compatible with the NP-FZ100 standard.
- If only one battery is not charging, try it in the other slot to rule out a faulty battery or slot.
- Ensure the charger is receiving adequate power (e.g., a wall adapter might provide more stable power than a laptop USB port).

7.3 Slow Charging

- Ensure your power source provides sufficient output (e.g., a 5V 2.1A adapter is recommended).
- Charging two batteries simultaneously will naturally take longer than charging one.
- Using a high-quality USB cable can improve charging efficiency.

8. Specifications

Feature	Detail
Brand	K&F CONCEPT
Model Number	JPKF28.0010V1
Product Dimensions (D x W x H)	9 x 5.6 x 2.2 cm
Number of Items	1
Input	5V 2.1A
Output (1 Battery)	8.4V 700mAh
Output (2 Batteries)	8.4V 500mAh
Approx. Charging Time (2 Batteries)	4.5 hours
Compliance	CE, FCC
Country of Origin	China



Image: Detailed specifications for the NP-FZ100 charger, including input, output, and charging duration.

9. Warranty and Support

This K&F CONCEPT product comes with a**2 Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

What the Warranty Does Not Cover:

- Damage caused by misuse, abuse, accident, or neglect.
- Unauthorized repairs or modifications.
- Normal wear and tear.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your K&F CONCEPT NP-FZ100 charger, please contact our customer support team through the retailer where you purchased the product or visit the official K&F Concept website for contact information.

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Ask a question about this manual

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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