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› LIMETA CR2Air Dual-Channel Camera Battery Charger User Manual

LIMETA CR2Air

LIMETA CR2Air Dual-Channel Camera Battery Charger

USER MANUAL

1. Introduction

Thank you for choosing the LIMETA CR2Air Dual-Channel Camera Battery Charger. This device is designed to efficiently charge compatible Sony camera batteries (NP-FZ100, NP-FW50, NP-BX1) with intelligent recognition and fast charging capabilities. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your batteries and charger.

Safety Information:

- Do not expose the charger to water or excessive moisture.
- Avoid extreme temperatures. Operate within 0-40°C.
- Do not disassemble or attempt to repair the charger.
- Use only compatible USB Type-C power sources (QC/PD protocol, 5-12V).
- Keep out of reach of children.

2. Product Overview

The LIMETA CR2Air charger features two independent charging channels, a USB-C input port, and LED indicators for charging status. It supports various Sony battery types and offers app control for enhanced monitoring.



Image: The LIMETA CR2Air charger with two batteries inserted, showing its compact design and LED indicators.

Package Contents:

- 1 x LIMETA CR2Air 2-Channel Camera Battery Charger
- 1 x USB Type-C Cable

Note: Batteries are not included.

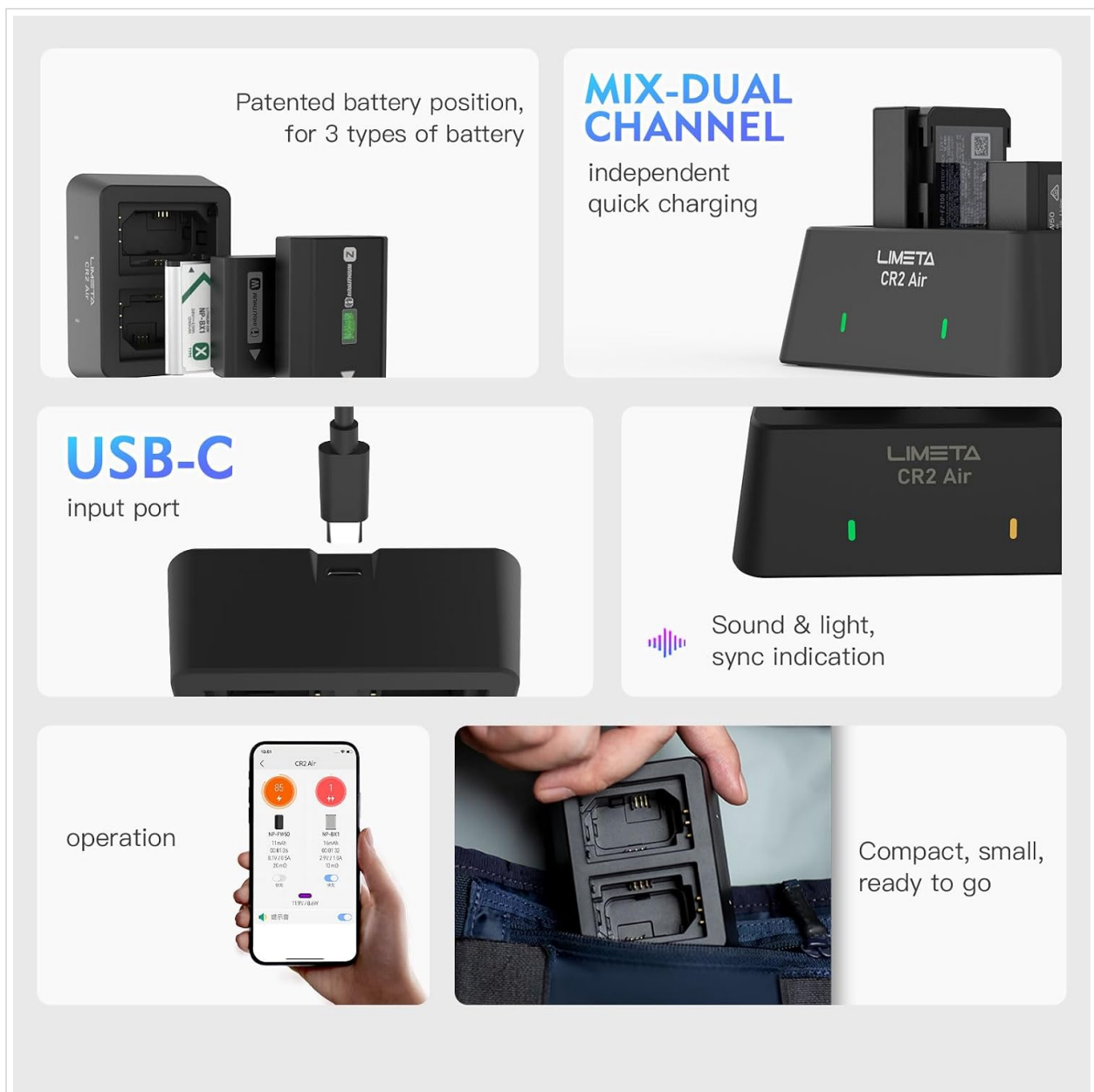


Image: An infographic detailing the key features of the LIMETA CR2Air charger, including its patented battery slot design, independent dual-channel charging, USB-C input, sound and light indicators, smartphone app control, and compact form factor.

3. Setup

3.1 Power Connection:

1. Connect the provided USB Type-C cable to the USB-C input port on the charger.
2. Connect the other end of the USB Type-C cable to a compatible power source (e.g., QC/PD charger, power bank, laptop USB-C port) with an output of 5-12V.



Image: The LIMETA CR2Air charger connected to a laptop's USB-C port, demonstrating its universal power input capability.

3.2 App Installation (Optional):

For advanced monitoring and control, download the 'ISD Link' app from your smartphone's app store. Refer to the product packaging or manufacturer's website for the most current QR code or download links.

4. Operating Instructions

4.1 Inserting Batteries:

1. Ensure the charger is powered on.
2. Carefully insert one or two compatible Sony camera batteries (NP-FZ100, NP-FW50, or NP-BX1) into the charging slots. The charger features patented battery positions to accommodate different battery types.
3. The charger will automatically detect the battery type and begin charging.

Independent Hybrid Dual Channel



Image: A visual guide demonstrating how different Sony battery models (NP-FW50, NP-BX1, NP-FZ100) are correctly placed in the LIMETA CR2Air's charging slots, including a mixed-battery configuration.

4.2 Charging Modes:

- **Normal Mode:** Provides a standard charging speed, typically completing a full charge in approximately 120 minutes.
- **Fast Mode:** Activates with one-touch (via app or charger button, if available) for quicker charging, achieving a full charge in about 90 minutes. Each slot operates independently.

4.3 Indicator Lights:

The charger is equipped with LED indicators for each channel. Refer to the charger's surface for specific light patterns and their meanings (e.g., solid green for charged, blinking for charging, red for error).

4.4 Bluetooth APP Control:

The 'ISD Link' app allows you to:

- Monitor charging status in real-time (charge percentage, temperature).
- Toggle between normal and fast charging modes.
- Perform Over-The-Air (OTA) firmware updates for the charger.
- Adjust sound and light indications.

OTA Upgrade Anytime Anywhere



Image: A smartphone displaying the LIMETA CR2Air application, showing real-time battery charge levels and an option for an OTA firmware upgrade, alongside the physical charger.

5. Maintenance

5.1 Cleaning:

- Disconnect the charger from power before cleaning.
- Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Ensure charging contacts are free from dust and debris.

5.2 Storage:

- Store the charger in a cool, dry place away from direct sunlight.
- When not in use for extended periods, disconnect it from the power source.

6. Troubleshooting

Charger not powering on:

- Ensure the USB-C cable is securely connected to both the charger and the power source.

- Verify that the power source is functional and provides 5-12V output.
- Try a different USB-C cable or power adapter.

Batteries not charging:

- Check if batteries are inserted correctly into the slots.
- Ensure batteries are compatible (NP-FZ100, NP-FW50, NP-BX1).
- Clean battery contacts and charger contacts if dirty.
- If an error indicator light is on, refer to the charger's specific light pattern guide.

App connection issues:

- Ensure Bluetooth is enabled on your smartphone.
- Make sure the charger is powered on and within Bluetooth range.
- Restart the app and/or your smartphone.
- Check for app updates.

If issues persist, please contact LIMETA customer support.

7. Specifications



Image: The LIMETA CR2Air charger held in a hand, illustrating its compact and lightweight design with dimensions of 93.5mm x 70mm x 36mm and a weight of 84g.

Feature	Specification
Model	CR2Air
Power Input Interface	USB Type-C
Operating Voltage Range	5-12V (compatible with QC, PD protocol)
Maximum Charging Current	1.5A/channel
Maximum Output Total Power	25W
Fast Charging Time	Approx. 90 minutes (for compatible batteries)
Normal Charging Time	Approx. 120 minutes (for compatible batteries)
Compatible Battery Models	NP-BX1, NP-FZ100, NP-FW50
Dimensions (L×W×H)	93.5 × 70.6 × 36 mm
Weight	84g
Operating Temperature	0-40°C

8. Warranty and Support

LIMETA products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official LIMETA website. Please retain your proof of purchase for warranty claims.