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› Kastar LTD2 USB Charger and FNP60 Battery User Manual

Kastar CH-LTD2-1B-FNP60-W

Kastar LTD2 USB Charger and FNP60 Battery User Manual

Model: CH-LTD2-1B-FNP60-W

INTRODUCTION

This manual provides instructions for the safe and efficient use of your Kastar LTD2 USB Charger and FNP60 Lithium-Ion Battery. Please read this manual thoroughly before use and retain it for future reference.

PRODUCT COMPONENTS

- Kastar LTD2 Dual USB Charger
- Kastar FNP60 Lithium-Ion Battery (1900mAh, 3.7V)
- Micro USB Cable

SETUP

1. Unpacking

Carefully remove all components from the packaging. Inspect for any signs of damage. If any components are damaged or missing, contact customer support.

2. Inserting the Battery

Align the metal contacts of the FNP60 battery with the corresponding contacts in one of the charger slots. Gently push the battery into the slot until it is securely seated. The charger is designed to accommodate two batteries simultaneously.



Image: Kastar FNP60 Lithium-Ion Battery. This image shows the black rectangular battery with three gold contact points visible on one end.

3. Connecting the Charger to Power

The LTD2 charger supports both Micro-USB and Type-C input for power. Connect the provided Micro USB cable to the charger's Micro-USB port and the other end to a compatible USB power source. Compatible power sources include:

- Laptop USB port
- AC Adapter (USB wall charger)
- Car Charger (USB car adapter)
- Power Bank



Charing?

1. Micro-USB Input
2. Type-C Input

**Ultra Slim,
Dimension:
5.24" x 3.07" x 0.79"**

**Ultra Light,
Weight: 3 Oz**

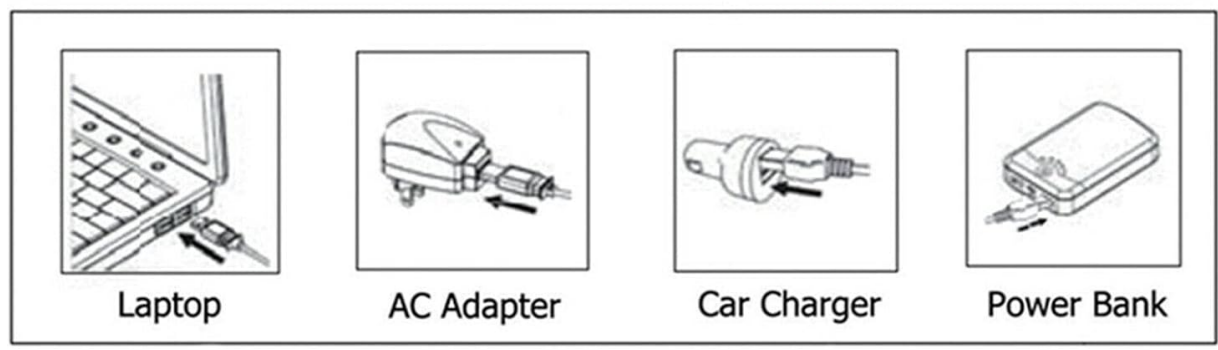


Image: Kastar LTD2 USB Charger. This image displays the charger with its dimensions (5.24" x 3.07" x 0.79") and highlights the Micro-USB and Type-C input ports.

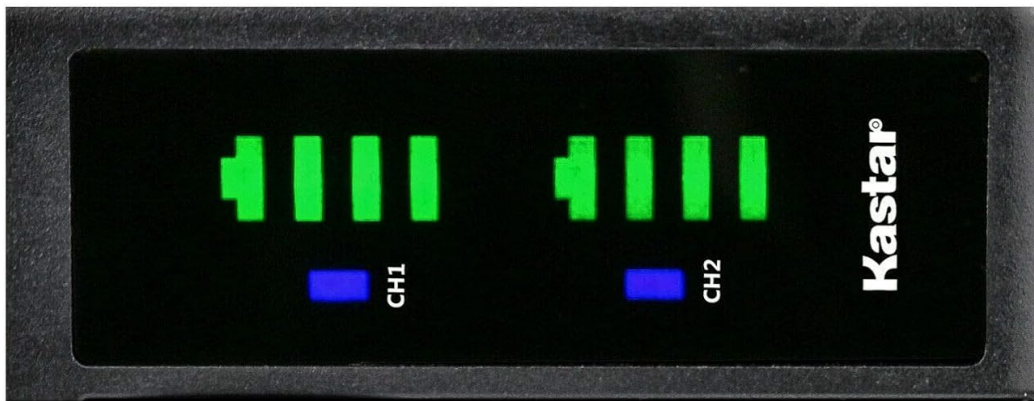
OPERATING THE CHARGER

1. Charging Process

Once the battery is inserted and the charger is connected to a power source, the intelligent LED display will activate, showing the charging status for each channel (CH1 and CH2).

2. LED Indicator Status

The LED display provides a visual representation of the battery's charge level. Refer to the table below for details:



Kastar Intelligent LED Dual charger: Displays each channel charging status and battery capacity.

Indicator Status	Power Ratio	Statements
	No power	No power
	6%---25%	One LED on
	26%---50%	Two LED on
	51%--75%	Three LED on
	76%---100%	Four LED on

Image: Kastar Intelligent LED Dual Charger Display. This image shows the LED screen of the charger with two battery icons and 'CH1' and 'CH2' labels. Below it is a table detailing the indicator status, power ratio, and corresponding statements (e.g., 'No power', 'One LED on', 'Two LED on', 'Three LED on', 'Four LED on').

Indicator Status	Power Ratio	Statements
Empty battery icon	No power	No power
Battery icon with 1 bar	6% - 25%	One LED on
Battery icon with 2 bars	26% - 50%	Two LED on
Battery icon with 3 bars	51% - 75%	Three LED on
Full battery icon with 4 bars	76% - 100%	Four LED on

When the battery is fully charged, all four LED segments will be illuminated. Disconnect the charger from the power source and remove the charged battery.

MAINTENANCE

Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Do not expose batteries to water or moisture.
- If storing for extended periods, charge the battery to approximately 50% capacity.

Charger Care

- Clean the charger with a soft, dry cloth. Do not use liquid cleaners.
- Ensure the charger's ports are free from dust and debris.
- Avoid dropping the charger or subjecting it to strong impacts.

TROUBLESHOOTING

- **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 source.
- **Battery not charging:** Verify the battery is correctly inserted into the charger with contacts aligned. Check the LED indicator status. If the battery is severely depleted, it may take a few minutes for the indicator to show activity.
- **Slow charging:** Ensure your power source provides sufficient current (e.g., a 2A USB adapter is recommended for faster charging). Charging from a laptop USB port may be slower.
- **Overheating:** It is normal for the charger and battery to become slightly warm during charging. If excessive heat is detected, disconnect immediately and contact support.

SPECIFICATIONS

Feature	Specification
Model Number	CH-LTD2-1B-FNP60-W
Charger Input	5V 2-3A 15W (Micro-USB, Type-C)
Charger Output	4.2V 800mA (x1) / 800mA (x2)
Battery Type	Lithium-Ion
Battery Voltage	3.7V
Battery Capacity	1900mAh
Product Dimensions (Charger)	Approximately 5.24 x 3.07 x 0.79 inches
Item Weight (Charger + Battery)	4 ounces

COMPATIBILITY

The Kastar FNP60 battery and LTD2 charger are compatible with a wide range of camera models, including but not limited to:

- **Jazz HD Camera:** HDV178, HDV188, HDV205, DV177, DV169, DV179
- **Aiptek Action-HD:** Z5X5P, V5Z5FS, V5Z5S, A-HD V5V, V5T8, AHD-1, AHD-2
- **FUJIFILM:** NP-60, FNP60 FinePix 50i, F401, F401 Zoom, F410, F410 Zoom, 601
- **HP:** A1812A, L1812A, L1812B Photosmart R07, Q2232-80001, Q2232-8000 Photosmart R507, R607, R707, R717, R725, R727, R817, R818, R827, R837, R927, R937, R967 Digimaster V6 Two-ways Radio

- **KODAK:** KLIC-5000, K7600-C EasyShare LS420, LS433, LS443, LS633, LS743, LS753 One Zoom
- **TOSHIBA:** NP-60, PDR-BT3 CAMILEO S10 Allegretto 5300, PDR-5300, PDR-T20, PDR-T30
- **OLYMPUS:** LI-20B AZ-1, AZ-2 Zoom Ferrari Digital Model 2004
- **CASIO:** NP-30, NP-30DBA BC-20 QV-R3, QV-R4
- **PANASONIC:** CGA-S301, CGA-S302A VW-VBA10, VW-VBA20, VW-VBA21 CA-PD8D SV-AS3, AS3A SV-AV10, SV-AV100, SV-AV20, SV-AV25, SV-AV30, SV-AV35, SV-PT1 CN-SP710VL, CN-SP510VL, CN-GP710VD, CN-GP510VD
- **PENTAX:** D-L12, D-Li2, D-Li7, D-BC2 Optio 330, 330RS, 430, 430RS
- **MINOLTA:** MN50HD 1080p HD
- **RICOH:** DB-40, DB-43 BJ-2 Caplio 300G, 400G wide, G3, G4 wide, RR10, RR30
- **SAMSUNG:** SLB-1037, SLB-1137 SBC-47 Digimax U-CA505, U-CA501, U-CA5, U-CA401, U-CA4 V10, V700, V800
- **ROLLEI:** Prego dp5300, dp5330
- **CREATIVE:** DiVi CAM 428
- **YAESU:** FNB-82LI VX-2, VX-2E, VX-2R
- **SONY:** COMA-BP1 Mylo COM-1, COM-2
- **LOGITEC:** LAN-WSPHPW, LAN-WSPH01WH
- **EPSO:** PALB1 P-1000
- **KEYENCE:** BT-B10, BT-1000
- **Universal Remote Control:** URC 11N09T, NC0910, RLI-007-1 URC MX-810, MX-880, MX-890, MX-950, MX-980, MX-990, MX-1200, X-8
- **DRIFT:** Drift DSTBAT Standard Battery, Drift HD, HD170, HD170 Stealth, HD720
- **Vivitar Digital Video Cameras:** DVR-840XHD, DVR-565HD, DVR-390H, DVR-530, DVR-545, DVR-550, DVR-550G, DVR-688, DVR-710, DVR-7300X Vivicam 3930, 4000
- **Traveler:** DV-5000, DV-5070, DC-5300, DC-5390, DC-6300 Vizio DC630C HD 10x
- **POLAROID:** PR-108DG, DVC-00725F, PDC-3370
- **Gateway:** DC-T50
- **Memorex:** MCC228RSBLK 7-IN-1 HD 02491-0017-00

WARRANTY AND SUPPORT

Kastar products are designed for reliability and performance. This product includes an **18-month warranty** from the date of purchase, covering manufacturing defects.

For technical support, warranty claims, or further assistance, please contact Kastar customer service. Refer to the official Kastar website or your purchase documentation for contact information.