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› Kastar 3-Pack Battery and Smart Dual Charger Instruction Manual for Motorola TalkAbout Radios

Kastar CH-LTD2-3B-D53615-H

Kastar 3-Pack Battery and Smart Dual Charger Instruction Manual

Model: CH-LTD2-3B-D53615-H

INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Kastar 3-Pack Battery and Smart Dual Charger. This product is designed as a replacement power solution for various Motorola TalkAbout two-way radios. Please read this manual thoroughly before use and retain it for future reference.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 3 x Ni-CD Rechargeable Batteries (3.6V, 1000mAh)
- 1 x LTD2 Smart Dual USB Charger
- 1 x Micro USB Cable



Image: The Kastar Smart Dual Charger shown with three included batteries.

PRODUCT OVERVIEW

Kastar Ni-CD Battery

The included Ni-CD batteries are designed for compatibility with specific Motorola TalkAbout two-way radio models. Each battery provides 3.6V of power with a 1000mAh capacity.



Image: A close-up view of a Kastar 3.6V Nickel-Cadmium battery.

Kastar Smart Dual Charger

The LTD2 Smart Dual Charger features two independent charging channels, allowing you to charge two batteries simultaneously. It supports both Micro-USB and Type-C input for versatile power options.



Charing?

1. Micro-USB Input

2. Type-C Input

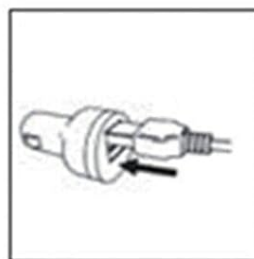
Ultra Slim,
Dimension:
5.24" x 3.07" x 0.79"
Ultra Light,
Weight: 3 Oz



Laptop



AC Adapter



Car Charger



Power Bank

Image: The Kastar Smart Dual Charger highlighting its Micro-USB and Type-C input ports, along with its compact dimensions.

SETUP

1. Battery Installation

1. Ensure your Motorola TalkAbout radio is powered off.
2. Open the battery compartment cover on your radio according to its specific instructions.
3. Insert the Kastar Ni-CD battery, ensuring correct polarity.
4. Close the battery compartment cover securely.

2. Charger Connection

1. Connect the provided Micro USB cable to the charger's Micro-USB input port or use a Type-C cable with the Type-C input port.
2. Connect the other end of the USB cable to a compatible USB power source (e.g., a computer USB port, AC adapter,

car charger, or power bank). The charger's LED indicators will illuminate briefly upon connection.

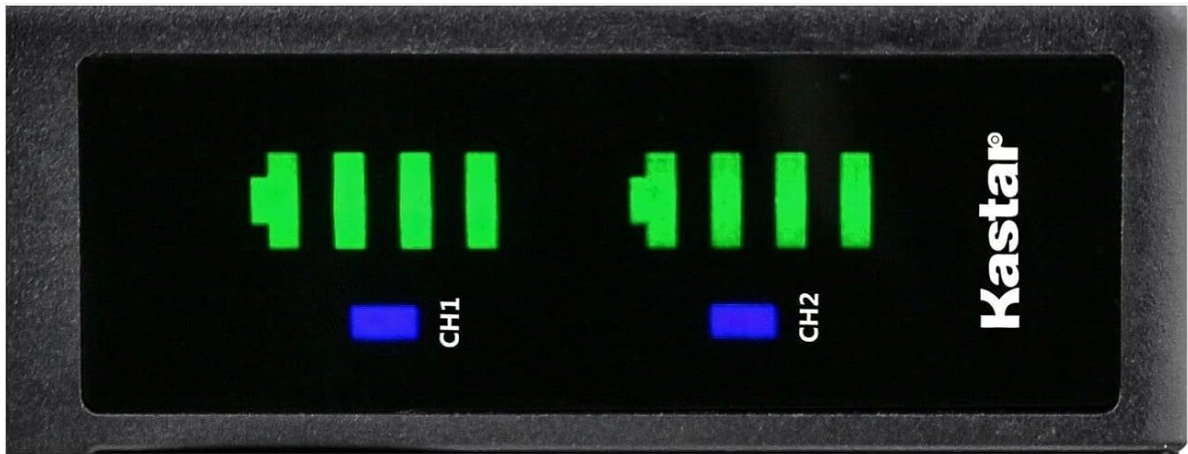
OPERATING INSTRUCTIONS

1. Charging Process

- 1. With the charger connected to a power source, insert one or two batteries into the charging slots. Ensure the battery contacts align correctly with the charger's pins.
- 2. The intelligent LED display will show the charging status and estimated battery capacity for each channel.
- 3. Charging is complete when the LED indicators show 100% capacity (four LEDs illuminated).
- 4. Remove the batteries from the charger once fully charged.

2. LED Indicator Guide

The charger features an intelligent LED display to indicate the charging status and battery capacity. Refer to the table below for details:



Kastar Intelligent LED Dual charger:
Displays each chanel 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: The LED display on the Kastar Smart Dual Charger showing charging status and battery capacity indicators.

LED Indicator Status

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

COMPATIBILITY

The Kastar batteries and charger are compatible with the following Motorola battery models and TalkAbout two-way radio models:

Compatible Motorola Battery Models:

- 53615, 1532, 56315
- FRS-009, FRS-4002A, 4002A
- AP-4002, AP-4002H
- HKNN4002, HKNN4002A, HKNN4002B, HKNW4002A, HKTN4003
- KEBT071, KEBT-071, KEBT071A, KEBT-071-A, KEBT071B, KEBT-071-B, KEBT071C, KEBT-071-C, KEBT071D, KEBT-071-D, KEBT-071F, KEBT-071-F
- KEBT650, KEBT-650
- KEM-ML36100
- NNTN4384, NNTN4385
- PMNN4477, PMNN4477A, PMNN4477AR, PMNN4551A
- ULFRS4002A, ULFRS-4002A

Compatible Motorola TalkAbout 2-Way Radio Models:

- TalkAbout EM1000, EM1000A, EM1000R, EM1020R
- TalkAbout FV800, FV800R
- TalkAbout MC220, MC220R, MC225, MC225R
- TalkAbout MD200, MD200R, MD200TPR, MD207, MD207R, MD320CR
- TalkAbout MJ270, MJ270R, MJ270R, MJ430R
- TalkAbout MR350, MR350R, MR350R VP, MR350RPP, MR350RVP, MR355, MR355R, MR356, MR356R, MR560R
- TalkAbout MS350, MS350R, MS355R
- TalkAbout MT350, MT350R, MT352, MT352R, MT352TPR
- TalkAbout MU350R, MU354R
- TalkAbout T200, T260, T260TP, T265, T280
- TalkAbout T400, T460, T461, T465, T470, T475, T47X, T480
- TalkAbout T500, T600 H20, T605 H20, T631
- TalkAbout T800, T82, T82 EXTREME
- TalkAbout T92 H2O
- TalkAbout T4800, T4900

- TalkAbout T5000, T5022, T5025, T5100, T5200, T5300, T5320, T5330, T5400, T5410, T5420, T5500, T5512, T5522, T5525, T5532, T5550, T5600, T5620, T5622, T5700, T5710, T5720, T5800, T5820, T5900, T5920, T5950
- TalkAbout T6000, T6200, T6210, T6220, T6250, T6300, T6310, T6320, T6400, T6500, T6500R, T6510, T6530, T6550
- TalkAbout T7100
- TalkAbout T8500, T8500R, T8550RCAMO
- TalkAbout T9500, T9550, T9550XLRCAMO, T9580, T9580RSAME, T9650, T9650RCAMO, T9680, T9680RSAME

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the charger and batteries. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger and batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure batteries are partially charged (around 50%).
- **Battery Care:** Avoid fully discharging Ni-CD batteries frequently, as this can reduce their lifespan. Recharge them before they are completely depleted.
- **Disposal:** Dispose of old batteries responsibly according to local regulations. Do not dispose of batteries in household waste.

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 to rule out a faulty component.

Batteries not charging:

- Verify that the batteries are correctly inserted into the charging slots with proper contact.
- Check the LED indicators; if they show "No power," refer to the "Charger not powering on" steps.
- Ensure the batteries are compatible with the charger (refer to the compatibility list).

Short battery life after charging:

- Ni-CD batteries can develop a "memory effect" if not fully discharged periodically. Consider performing a full discharge/recharge cycle if you suspect this.
- Batteries have a finite lifespan. If they are old, they may need replacement.

SPECIFICATIONS

Kastar Ni-CD Battery Specifications

Feature	Detail
Battery Type	Ni-CD (Nickel-Cadmium)
Battery Voltage	3.6V
Battery Capacity	1000mAh
Battery Dimension	2.05" x 1.75" x 0.55" (52 x 44 x 14 mm)

Kastar Smart Dual Charger Specifications

Feature	Detail
Input	5V 2-3A (Micro-USB & Type-C)
Output	4.2V 800mA (x1 battery) / 800mA (x2 batteries)
Dimensions	5.24" x 3.07" x 0.79"
Model Number	CH-LTD2-3B-D53615-H

WARRANTY AND SUPPORT

Kastar products are designed for reliability and performance. For warranty information, technical support, or any inquiries regarding your product, please visit the official Kastar website or contact their customer service directly. You can find more information and contact details at the [Kastar Store on Amazon](#).



Image: Packaging showing a message encouraging feedback, which can be directed to Kastar support.

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

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