

KOAMTAC 674500

KOAMTAC KDC20/100/200 190mAh Battery User Manual

Model: 674500

INTRODUCTION

This manual provides essential information for the proper use, maintenance, and troubleshooting of your KOAMTAC KDC20/100/200 190mAh replacement battery. This battery is designed to provide reliable power for your KDC20, KDC100, and KDC200 series devices. For optimal performance, it is recommended to replace your KDC battery annually.

SAFETY INFORMATION

Please read and understand all safety precautions before using the battery. Improper handling can lead to damage, injury, or fire.

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Do not dispose of the battery in fire or water.
- Keep the battery away from children.
- If the battery leaks, avoid contact with skin and eyes. If contact occurs, rinse immediately with water and seek medical attention.
- Use only the specified charger for your KDC device to charge this battery.



Image: The KDC20/100/200 190mAh battery installed in a compatible device. Note the caution label on the device indicating "LASER RADIATION - DO NOT STARE INTO BEAM" for devices with laser components. This image highlights the proper placement of the battery within the device's battery compartment.

SETUP: BATTERY INSTALLATION

Follow these steps to properly install the 190mAh battery into your KDC20, KDC100, or KDC200 series device.

1. Ensure your KDC device is powered off before beginning the installation.
2. Locate the battery compartment on the back of your KDC device.
3. If an old battery is present, carefully remove it.
4. Align the new 190mAh battery with the battery compartment, ensuring the connector pins on the battery match the receptacle in the device.
5. Gently push the battery into place until it is securely seated and the connector is fully engaged.
6. Close the battery compartment cover, if applicable, ensuring it latches securely.



Image: The KOAMTAC KDC20/100/200 190mAh replacement battery. This image shows the compact blue battery pack with its small white connector and red and black wires, ready for installation into a compatible KDC device.

OPERATING: CHARGING AND USAGE

Once installed, the battery will power your KDC device. Follow these guidelines for charging and optimal usage.

Charging the Battery

- Connect your KDC device to its original charger or a compatible charging cradle.
- The device's indicator light will typically show charging status (refer to your KDC device's specific manual for details).
- Allow the battery to fully charge before initial use for best performance.
- Avoid overcharging the battery by disconnecting the charger once it is full.

Battery Usage

- The 190mAh capacity provides sufficient power for typical operation of KDC20/100/200 devices.
- Battery life will vary depending on device usage, settings, and environmental conditions.
- For prolonged storage, charge the battery to approximately 50% and store it in a cool, dry place.

MAINTENANCE

Proper maintenance can extend the lifespan of your battery.

- Keep the battery contacts clean and free of dust or debris. Use a dry, soft cloth if cleaning is necessary.
- Avoid extreme temperatures. Do not expose the battery to very hot or very cold environments.
- If the battery is not used for an extended period, charge it periodically (every 3-6 months) to prevent deep discharge.
- Replace the battery if you notice a significant decrease in operating time or if it shows signs of swelling or damage.

TROUBLESHOOTING

If you encounter issues with your battery, consider the following common solutions:

Problem	Possible Cause	Solution
Device does not power on after battery installation.	Battery not properly seated or not charged.	Ensure battery is fully inserted. Charge the device for at least 30 minutes.
Battery drains quickly.	Aging battery, heavy device usage, or environmental factors.	Reduce device usage intensity. Consider replacing the battery if it's old (recommended annually). Ensure device firmware is up to date.
Battery not charging.	Faulty charger/cable, dirty contacts, or damaged battery.	Try a different charger/cable. Clean battery and device contacts. If problem persists, the battery may need replacement.

If troubleshooting steps do not resolve the issue, please contact KOAMTAC customer support.

SPECIFICATIONS

Feature	Detail
Model Number	674500
Battery Capacity	190 mAh
Voltage	3.7 Volts
Battery Cell Composition	Sealed Lead Acid
Product Dimensions	2 x 2 x 1 inches
Item Weight	8 ounces
Manufacturer	KOAMTAC

KOAMTAC provides a limited warranty for its products. For specific warranty terms and conditions applicable to the KDC20/100/200 190mAh battery, please refer to the official KOAMTAC website or contact their customer support directly. Keep your proof of purchase for warranty claims.

For further assistance, technical support, or inquiries regarding your KOAMTAC KDC20/100/200 190mAh battery, please contact KOAMTAC customer support through their official channels.

Contact Information: Refer to the "Contact Us" section on the official KOAMTAC website for phone numbers, email addresses, and support hours.

Documents - KOAMTAC – 674500

KDC Accessories Chart Koamtac Comparison 20160714 KOAMTAC Inc Part number Product Name
Galaxy S7 Otterbox™ Defender Case with charging cable 361100 SLEDC GP5 koamtac
KDC Accessories Chart Find the KDC that s right for you Part number 360000
361400 362210 362400 362 ... t number 901000 903300 909000 922000 922020
923000 935000 936000 936100 934900 934910 936170 936175 **674500** 699700
699200 699800 896005 362900 363000 896020 896040 896050 Product Name
KDC-UMUCB KDC-MU...

KDC Barcode, RFID, MSR, Chip PIN Part number 150040 150042 150140 150142
310150 320150 325150 33015 ... 0 901000 902000 903300 909000 922000 922020
923000 935000 936000 936100 934900 934910 936170 936175 **674500** 699700
699200 699800 Product Name KBD401K KBD401G KDC-CCradleM KDC20/30-
7Cradle KDC-CCradl...

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A collection of KDCM accessories. At the top, a 'Finger Trigger Glove & Adaptor' is shown, featuring a black glove with a trigger mechanism and a small electronic device. Below it, a 'Smartphone Case' is displayed, which is a black, ruggedized case designed to hold a smartphone. At the bottom, a 'Charging Cradle' is shown, which is a black, rectangular device with multiple slots for charging multiple devices simultaneously. The background is a dark, textured surface.

The KDC200/250/300/350 finger trigger glove is the lightest, most economical, and wearable barcode scanning solution on the market. The FTG Adaptor enables frequent users of the finger trigger glove to easily recharge their KDCs in a fast-paced working environment.



The IDC charging cradle can be connected to multiple cradles as needed.



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KDC SmartSled Cases KOAMTAC SmartSled® A New Wave in Auto ID 116 Village Blvd STE305

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