

KOAMTAC KDC350Li-MO-3K-R2

KOAMTAC KDC350Li-MO-3K-R2 Bluetooth Barcode Scanner User Manual

Model: KDC350Li-MO-3K-R2

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your KOAMTAC KDC350Li-MO-3K-R2 Bluetooth Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper setup, usage, and maintenance.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- KDC350Li-MO-3K-R2 Barcode Scanner
- Retractable Lanyard
- USB Charge/Communication Cable
- Product CD (containing drivers and software)

3. DEVICE OVERVIEW

Familiarize yourself with the components of your KDC350Li-MO-3K-R2 scanner.





Image 1: Front view of the KDC350Li-MO-3K-R2 scanner. The device features an OLED display at the top, showing 'KoamTac Data Collector KDC350_3key'. Below the screen are two green indicator lights. In the middle section, a prominent circular 'SCAN' button is flanked by two navigation keys on each side (left and right arrows). The KOAMTAC logo is visible at the bottom.

Key Components:

- **OLED Display:** Shows device status, scanned data, and menu options.
- **SCAN Button:** Activates the barcode scanning laser.
- **Navigation Keys:** Used to navigate through menus and options on the OLED display.
- **Indicator Lights:** Provide visual feedback on power, battery, and connection status.

4. SETUP

4.1. Charging the Battery

Before initial use, fully charge the KDC350Li-MO-3K-R2 scanner.

1. Connect the small end of the USB charge/communication cable to the KDC350's charging port.
2. Connect the large end of the USB cable to a USB power adapter (not included) or a computer's USB port.
3. The indicator light will show charging status. A full charge typically takes approximately 3-4 hours.

4.2. Powering On/Off

- **To Power On:** Press and hold the SCAN button for approximately 3 seconds until the display illuminates.
- **To Power Off:** Navigate to the 'Power Off' option in the device menu using the navigation keys and confirm, or press and hold the SCAN button for approximately 5 seconds.

5. OPERATING INSTRUCTIONS

5.1. Basic Barcode Scanning

To scan a barcode:

1. Point the scanner's laser aperture at the barcode.
2. Press and hold the SCAN button. A red laser line will appear.
3. Align the laser line across the entire barcode.
4. Upon successful scan, the scanner will emit a beep, and the scanned data will appear on the OLED display.
5. Release the SCAN button.

5.2. Using the OLED Display and Navigation

The OLED display provides real-time information and access to device settings. Use the left and right navigation keys to scroll through menu options and select items.

6. BLUETOOTH CONNECTIVITY

The KDC350Li-MO-3K-R2 supports Bluetooth connectivity for wireless data transfer to host devices such as smartphones, laptops, and desktops.

6.1. Pairing Modes

The scanner supports various Bluetooth profiles:

- **HID (Human Interface Device):** Functions as a keyboard, sending scanned data directly to any application with a cursor. No special software is required on the host device.

- **SPP (Serial Port Profile):** Requires a KTSync application or custom software on the host device to receive data. Offers more control over data handling.
- **MFi (Made For iPhone/iPad):** Specific profile for iOS devices, often referred to as iOS Bluetooth.

6.2. Pairing with a Host Device

1. Ensure the KDC350 is powered on.
2. On the KDC350, navigate to the 'Bluetooth' menu and select the desired pairing mode (e.g., HID, SPP, iOS).
3. The scanner will enter pairing mode and become discoverable.
4. On your host device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
5. Select 'KDC350' from the list of discovered devices.
6. Follow any on-screen prompts to complete the pairing process. A successful connection will be indicated on the KDC350's display and by an indicator light.

7. MAINTENANCE

7.1. Cleaning the Device

To maintain optimal performance, keep the scanner clean.

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution.
- Do not use abrasive cleaners, solvents, or harsh chemicals.
- Ensure the scanning window is free of dust and smudges for accurate scanning.

7.2. Battery Care

To prolong battery life:

- Avoid extreme temperatures.
- Charge the battery regularly, but avoid leaving it fully discharged for extended periods.
- If storing the device for a long time, charge it to about 50% before storage.

8. TROUBLESHOOTING

If you encounter issues with your KDC350Li-MO-3K-R2, refer to the following common problems and solutions:

- **Device not powering on:** Ensure the battery is charged. Connect to a power source and try again.
- **Cannot scan barcodes:** Check if the laser is active. Ensure the barcode is not damaged and is within the scanner's range. Clean the scanning window.
- **Bluetooth connection issues:** Ensure Bluetooth is enabled on both the scanner and the host device. Verify the correct pairing mode is selected. Try unpairing and re-pairing the devices.
- **Scanned data not appearing on host device:** Confirm successful Bluetooth pairing. If using HID mode, ensure the cursor is in a text field. If using SPP, verify the KTSync application or custom software is running and configured correctly.

For further assistance, consult the KOAMTAC website or contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	KDC350Li-MO-3K-R2 (Item Model: 347180)
Dimensions (L x W x H)	3.7 x 1.69 x 0.94 inches
Weight	3 ounces
Connectivity	Bluetooth (Class 2), USB Cable
Bluetooth Profiles	HID, SPP, iOS (MFi)
Display	1-inch OLED
Memory	4MB
Ingress Protection (IP) Rating	IP65
Power Source	Corded Electric (via USB)
Compatible Devices	Desktop, Laptop, Smartphone
Manufacturer	KoamTac, Inc

10. WARRANTY AND SUPPORT

KOAMTAC products are designed for reliability and performance. For information regarding product warranty, please refer to the warranty card included in your package or visit the official KOAMTAC website.

For technical support, software downloads, or frequently asked questions, please visit the KOAMTAC support portal or contact their customer service directly. Contact details can typically be found on the manufacturer's website.

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Related Documents - KDC350Li-MO-3K-R2

	KOAMTAC KDC270 Bluetooth Barcode Scanner Mini Guide A concise guide to the KOAMTAC KDC270 Bluetooth barcode scanner, covering setup, operation, Bluetooth profiles, and specifications.
	KOAMTAC KDC180 Mini Guide: Features, Pairing, and Specifications A concise guide to the KOAMTAC KDC180 wearable barcode scanner, covering setup, Bluetooth pairing (HID/SPP/NFC), UHF functionality, accessories, and technical specifications.
	KOAMTAC KDC185 Quick Guide: Bluetooth Barcode Scanner Setup and Features A comprehensive quick guide for the KOAMTAC KDC185 Bluetooth barcode scanner, covering setup, pairing, usage, specifications, and the social distancing feature.

	KOAMTAC KDC20 Mini Guide: Bluetooth Barcode Scanner Setup and Operation A concise guide to the KOAMTAC KDC20 Bluetooth barcode scanner, covering setup, powering on/off, basic operation, Bluetooth profiles, pairing, keyboard wedge functionality, KTSync, KOAMTACON, and technical specifications.
	KOAMTAC KDC185 Quick Guide: Features, Pairing, and Usage A comprehensive quick guide for the KOAMTAC KDC185 Bluetooth barcode scanner, covering setup, pairing (Bluetooth/NFC), usage modes (HID, SPP, KTSync), product specifications, and the social distancing feature. Learn how to connect and utilize the KDC185 for efficient data collection.
	Netum R2 Barcode Scanner Setup Guide (V18.9.7) Detailed setup and configuration guide for the Netum R2 barcode scanner. Learn how to connect via USB or Bluetooth, configure operation modes, scan settings, and various barcode symbologies.

Documents - KOAMTAC – KDC350Li-MO-3K-R2



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KoamTac Brochure 131230 indd Hanjin KDC350 koamtac documents brochures

KDC350 Barcode Data Collector A New Wave in Auto-ID The KDC350 enables diverse mobile Auto-Identifi ... F, KDC350CGSR/SF, KDC350CGi-SR/SF, DC350CNG-SR/SF, KDC350CNGi-SR/SF, KDC350L-MO-R2, KDC350Li-MO-R2, KDC350Li-MO-3K-R2, KDC350LNMO-R2, KDC350LNi-MO-R2, KDC350LG-MO-R2, KDC350LGi-MO-R2, KDC350LNG-MO-R2,...

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[\[pdf\]](#) Accessories Borchure

KDC350 Brochures for KOAMTAC Data Collectors KDCs and Accessories Brochure koamtac |||

KDC350 Series 1D 2D Wireless Barcode Scanner and Data Collector Rugged Powered Designed Connected ... , WiFi, Waterproof Glove Options KDC350Li-D-R2, KDC350LNi-D-R2, KDC350Li-MO-R2, KDC350Li-MO-R2-WFG, KDC350Li-MO-3K-R2, KDC350LNi-MO-R2, KDC350LFI-MO-R2, KDC350LNFi-MO-R2 KDC350C-R2 - 2D N NFC , WiF...

lang:en score:36 filesize: 897.97 K page_count: 2 document date: 2021-08-30

KDC Barcode, RFID, MSR, Chip&PIN

Accessories	Accessories	Barcode	RFID	MSR	Chip&P	Chip&PIN
10001	RFID-200	✓	✓	✓	✓	✓
10002	RFID-200	✓	✓	✓	✓	✓
10003	RFID-200	✓	✓	✓	✓	✓
10010	KDC-2000	✓	✓	✓	✓	✓
10011	KDC-2000	✓	✓	✓	✓	✓
10012	KDC-2000	✓	✓	✓	✓	✓
10013	KDC-2000	✓	✓	✓	✓	✓
10014	KDC-2000	✓	✓	✓	✓	✓
10015	KDC-2000	✓	✓	✓	✓	✓
10016	KDC-2000	✓	✓	✓	✓	✓
10017	KDC-2000	✓	✓	✓	✓	✓
10018	KDC-2000	✓	✓	✓	✓	✓
10019	KDC-2000	✓	✓	✓	✓	✓
10020	KDC-2000	✓	✓	✓	✓	✓
10021	KDC-2000	✓	✓	✓	✓	✓
10022	KDC-2000	✓	✓	✓	✓	✓
10023	KDC-2000	✓	✓	✓	✓	✓
10024	KDC-2000	✓	✓	✓	✓	✓
10025	KDC-2000	✓	✓	✓	✓	✓
10026	KDC-2000	✓	✓	✓	✓	✓
10027	KDC-2000	✓	✓	✓	✓	✓
10028	KDC-2000	✓	✓	✓	✓	✓
10029	KDC-2000	✓	✓	✓	✓	✓
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10031	KDC-2000	✓	✓	✓	✓	✓
10032	KDC-2000	✓	✓	✓	✓	✓
10033	KDC-2000	✓	✓	✓	✓	✓
10034	KDC-2000	✓	✓	✓	✓	✓
10035	KDC-2000	✓	✓	✓	✓	✓
10036	KDC-2000	✓	✓	✓	✓	✓
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10042	KDC-2000	✓	✓	✓	✓	✓
10043	KDC-2000	✓	✓	✓	✓	✓
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10047	KDC-2000	✓	✓	✓	✓	✓
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10070	KDC-2000	✓	✓	✓	✓	✓
10071	KDC-2000	✓	✓	✓	✓	✓
10072	KDC-2000	✓	✓	✓	✓	✓
10073	KDC-2000	✓	✓	✓	✓	✓
10074	KDC-2000	✓	✓	✓	✓	✓
10075	KDC-2000	✓	✓	✓	✓	✓
10076	KDC-2000					

ComparisonChart koamtac 80

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KDC350 Series KOAMTAC Bluetooth Barcode Scanners RFID 1D 2D Wireless Scanner Data Collector
Performance Functionality Memory Flash ROM 256 KB Program 8MB User RAM 64KB Wedging
Synchronization Store to a file or transfer an application Keyboard wedge function Add on prefixes and
suffixes option selection Application Generation SDK for PC koamtac 80

lang:en score:33 filesize: 278 K page count: 2 document date: 2021-01-29

KDC Accessories

Finger Trigger Glove & Adaptor

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



Smartphone Case

The KDC200/250/300 smartphone case allows users to use their smartphone as a barcode PDA.



Charging Cradle

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



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KDC350 Series 1D 2D Wireless Barcode Scanner and Data Collector Rugged Powered Designed Connected ... , WiFi, Waterproof Glove Options KDC350Li-D-R2, KDC350LNi-D-R2, KDC350Li-MO-R2, KDC350Li-MO-R2-WFG, KDC350Li-MO-3K-R2, KDC350LNi-MO-R2, KDC350LFI-MO-R2, KDC350LNFi-MO-R2 KDC350C-R2 - 2D N NFC , WiF...

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[KOAMTAC KDC Series: Advanced Bluetooth Barcode Scanners, Data Collectors & mPOS Companions](#)

Explore the comprehensive KOAMTAC KDC series of rugged, versatile Bluetooth barcode scanners, data collectors, and mPOS companions. Featuring models like KDC20, KDC30, KDC100, KDC200, KDC250, KDC270, KDC280, KDC300, KDC350, KDC400, KDC470, KDC475, and KDC500, these devices offer advanced features, robust design, and seamless connectivity for diverse auto-identification and payment needs.

lang:en score:26 filesize: 10.17 M page_count: 26 document date: 2018-11-09