

KOAMTAC KDC300M-SR

KOAMTAC KDC300M-SR Bluetooth Barcode Scanner User Manual

Comprehensive instructions for setup, operation, and maintenance of your KDC300M-SR device.

1. PRODUCT OVERVIEW

The KOAMTAC KDC300M-SR is a compact and versatile Bluetooth 2D barcode scanner designed for efficient data collection. It features 4MB of memory and supports Class 2 Bluetooth connectivity, enabling seamless integration with various host devices such as smartphones, tablets, laptops, and desktops. This device is ideal for applications requiring quick and accurate barcode scanning in mobile environments.



This image shows the front view of the KOAMTAC KDC300M-SR Bluetooth Barcode Scanner. The device is black with a rectangular screen displaying 'KoamTac Data Collector KDC300'. Below the screen is a central button with a Wi-Fi-like symbol, indicating its wireless capabilities. The bottom of the device features the 'KDC 300' logo.

2. SETUP

2.1 Unboxing and Initial Charge

1. Remove the KDC300M-SR scanner and all accessories from the packaging.
2. Connect the scanner to a power source using the provided USB cable. Allow the device to fully charge before first use. The charging indicator light will change when charging is complete.

2.2 Pairing with a Host Device

1. Ensure the KDC300M-SR is powered on.
2. Activate Bluetooth on your host device (smartphone, tablet, computer).

3. On the KDC300M-SR, navigate to the Bluetooth pairing menu (refer to the on-screen interface for specific steps).
4. Select the desired Bluetooth profile (e.g., **HID** for keyboard emulation, **SPP** for serial port profile).
5. Search for available Bluetooth devices on your host device. The KDC300M-SR will appear as "KDC300M-SR" followed by its serial number.
6. Select the KDC300M-SR from the list to initiate pairing. Enter any required PIN (usually 0000 or 1234, or as displayed on the KDC screen).
7. Confirm successful pairing on both devices.

3. OPERATING INSTRUCTIONS

3.1 Scanning Barcodes

1. Point the scanner's window at the barcode you wish to scan.
2. Press the scan button (typically located on the side or front of the device).
3. A successful scan will be indicated by an audible beep and/or a visual confirmation on the scanner's screen.
4. The scanned data will be transmitted to your paired host device or stored in the scanner's internal memory, depending on the operating mode.

3.2 Data Collection Modes

- **HID (Human Interface Device) Mode:** The scanner acts as a keyboard, transmitting scanned data directly into any active text field on the host device. This is suitable for simple data entry.
- **SPP (Serial Port Profile) Mode:** The scanner communicates via a virtual serial port, requiring a dedicated application on the host device to receive and process data. This mode offers more control over data handling.
- **Memory Mode:** Scanned data is stored internally in the KDC300M-SR's 4MB memory. Data can be uploaded to a host device later using a USB connection or a specific application.

4. MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to clean the scanner's exterior. Avoid abrasive materials or harsh chemicals. Do not spray liquids directly onto the device.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Store the device in a cool, dry place when not in use for extended periods.
- **Storage:** Store the scanner in a protective case to prevent damage from drops or impacts.

5. TROUBLESHOOTING




Issue	Solution
Scanner not powering on	Ensure the battery is charged. Connect the scanner to a power source using the USB cable and allow it to charge for at least 30 minutes.




Issue	Solution
Cannot pair with host device	Ensure Bluetooth is enabled on both the scanner and the host device. Check that the scanner is in the correct pairing mode. Try restarting both devices. Verify the correct PIN is entered during pairing.
Barcode not scanning	Ensure the barcode is clean and undamaged. Adjust the distance and angle of the scanner to the barcode. Check if the scanner's laser/imager is active. Verify the barcode type is supported by the KDC300M-SR.
Scanned data not appearing on host device	Confirm successful Bluetooth pairing. If in HID mode, ensure a text input field is active on the host device. If in SPP mode, verify the data collection application is running and configured correctly.

6. SPECIFICATIONS

- **Model Number:** 340150
- **Connectivity:** Bluetooth (Class 2), USB Cable
- **Memory:** 4MB
- **Barcode Types:** 1D and 2D barcodes
- **Dimensions:** 1.46 x 3.27 x 0.83 inches
- **Weight:** 1.9 ounces
- **Power Source:** Battery Powered, Corded Electric
- **Compatible Devices:** Desktop, Laptop, Smartphone, Tablet
- **Manufacturer:** KoamTac, Inc.

Related Documents - KDC300M-SR

	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 KDC350 Mini Guide: Bluetooth Barcode Scanner Setup and Operation Concise HTML guide for the KOAMTAC KDC350 Bluetooth barcode scanner. Covers unboxing, powering on/off, basic operation, Bluetooth profiles, pairing, keyboard wedge functionality, KTSync, KOAMTACON, and technical specifications.

	<p>KOAMTAC KDC185 Quick Guide: Bluetooth Barcode Scanner Setup and Features</p> <p>A comprehensive quick guide for the KOAMTAC KDC185 Bluetooth barcode scanner, covering setup, pairing, usage, specifications, and the social distancing feature.</p>
	<p>KOAMTAC KDC20 Mini Guide: Bluetooth Barcode Scanner Setup and Operation</p> <p>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.</p>
	<p>KOAMTAC KDC185 Quick Guide: Features, Pairing, and Usage</p> <p>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.</p>