

Datalogic PM8300-DKAR910RK10

Datalogic PowerScan M8300 Handheld Laser Barcode Reader User Manual

Model: PM8300-DKAR910RK10

INTRODUCTION

This manual provides comprehensive instructions for the Datalogic PowerScan M8300 Handheld Laser Barcode Reader. The PowerScan PM8300 is a robust industrial-grade scanner designed for demanding applications, featuring auto-range laser scanning, a display, a 16-key keypad, and a removable battery. This kit includes the scanner, a base station, power supply, US line cord, and a USB cable for connectivity.

PACKAGE CONTENTS

- PowerScan PM8300 Handheld Laser Barcode Reader
- Base Station
- Power Supply
- US Line Cord
- USB Cable

SETUP

1. Unpacking and Inspection

Carefully unpack all components from the box. Inspect each item for any signs of damage. If any components are missing or damaged, contact your supplier immediately.

2. Connecting the Base Station

1. Connect the power supply to the base station's power input port.
2. Plug the US line cord into the power supply and then into a standard electrical outlet.
3. Connect one end of the USB cable to the base station's USB port.
4. Connect the other end of the USB cable to an available USB port on your computer (Laptop or Desktop).



Image: The Datalogic PowerScan M8300 handheld scanner is shown securely seated in its black base station. The base station features an antenna and various ports, indicating its role in communication and charging. This setup is typical for charging and data transfer.

3. Installing the Battery

The PowerScan PM8300 features a removable battery. Ensure the battery is properly seated in the scanner's battery compartment. Refer to the battery compartment diagram usually found on the scanner itself or in a detailed diagram in the full manual for correct orientation.

4. Initial Charging

Place the scanner into the connected base station. The scanner will begin charging. Allow the scanner to fully charge before first use. An indicator light on the scanner or base station will typically show charging status.

OPERATING INSTRUCTIONS

1. Powering On/Off

The scanner typically powers on automatically when removed from the base or when a button is pressed. To power off, refer to the specific sequence in the full manual, often involving holding down a specific key or returning it to the base for an extended period.

2. Scanning Barcodes

Point the scanner's laser beam at the barcode you wish to read. Ensure the entire barcode is within the laser's scan line. Press the trigger button to activate the laser. A successful scan is usually indicated by an audible beep and/or a visual indicator (e.g., green light).



Image: A close-up view of the Datalogic PowerScan M8300 handheld barcode scanner. It features a black and yellow design, a prominent display screen, and a 16-key keypad, highlighting its ergonomic design for handheld operation.

3. Using the Keypad and Display

The 16-key keypad allows for manual data entry or navigation through scanner settings. The display provides feedback on scanned data, battery status, and configuration options. Consult the full manual for detailed instructions on keypad functions and display menus.

4. Auto-Range Functionality

The auto-range feature allows the scanner to read barcodes from varying distances without manual adjustment. Position the scanner at a comfortable distance from the barcode, and the laser will automatically adjust its focus.

MAINTENANCE

1. Cleaning the Scanner

Regularly clean the scanner's scanning window and exterior with a soft, lint-free cloth dampened with water or a mild, non-abrasive cleaning solution. Avoid using harsh chemicals or abrasive materials that could scratch the window or damage the casing.

2. Battery Care

- Charge the battery fully before first use.
- Avoid completely discharging the battery frequently.
- If the scanner will not be used for an extended period, store it with a partial charge (around 50%) in a cool, dry place.
- Replace the battery if its performance significantly degrades.

3. Firmware Updates

Periodically check the Datalogic website for available firmware updates. Keeping the firmware updated ensures optimal performance and access to the latest features and bug fixes. Follow the instructions provided with the firmware update package carefully.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scanner not powering on	Low or depleted battery; Loose battery connection	Place scanner in base station to charge; Ensure battery is correctly inserted.
Scanner not reading barcodes	Barcode damaged or poorly printed; Scanning window dirty; Incorrect symbology enabled	Try scanning a different barcode; Clean the scanning window; Refer to the full manual to enable required barcode symbologies.
No data transmitted to computer	USB cable disconnected; Base station not powered; Driver issues	Check USB cable connection; Verify base station power; Reinstall USB drivers if necessary.
Short battery life	Battery nearing end of life; Excessive use of backlight/laser	Replace battery; Adjust power saving settings if available.

For more detailed troubleshooting steps, please refer to the comprehensive user manual available on the Datalogic support website.

SPECIFICATIONS

Model: PM8300-DKAR910RK10

Type: Handheld Laser Barcode Reader

Scanning Capability: Auto-range laser

Interface: USB (via base station)

Keypad: 16-key

Display: Yes

Battery: Removable

Connectivity Technology: USB Cable

Power Source: Battery Powered, Corded Electric, USB Cable

Compatible Devices: Laptop, Desktop

Item Weight: 4.54 pounds

Package Dimensions: 13.38 x 10.25 x 4.75 inches

WARRANTY AND SUPPORT

The Datalogic PowerScan M8300 typically comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Datalogic website.

For technical support, driver downloads, or additional resources, please visit the Datalogic support portal. You may need your product's serial number for support inquiries.

Official Datalogic Website: www.datalogic.com



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

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MOBILE COMPUTERS FORMULATM The FormulaTM laser barcode terminal combines with USB, Serial RS232 ... ttery USB KIT PM8300-DK910RK20 PowerScan PM8300/Display Keyboard 910MHZ Removable Battery RS232 KIT **PM8300-DKAR910RK10** PowerScan PM8300/Display Keyboard AR 910MHZ Removable Battery USB KIT PM8300-DKAR...

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