DEX DX-182

DEX DX-182 Laser Barcode Reader User Manual

Model: DX-182 | Brand: DEX

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your DEX DX-182 Laser Barcode Reader. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

Package Contents:

- 1x DEX DX-182 Laser Barcode Reader
- 1x USB Cable
- 1x User Manual (this document)

2. PRODUCT OVERVIEW

The DEX DX-182 is a high-performance laser barcode scanner designed for efficient data capture. It features a visible laser light source and USB connectivity for easy integration with various systems.

Figure 1: Front view of the DEX DX-182 Laser Barcode Reader.

This image displays the front of the barcode reader, highlighting its ergonomic design, the scanning window, and the brand logo. The device is black with a yellow trigger button.

Figure 2: Back view of the DEX DX-182 Laser Barcode Reader.

This image shows the back of the barcode reader, emphasizing its comfortable, contoured grip designed for extended use.

Figure 3: Side view of the DEX DX-182 Laser Barcode Reader.

This image presents a side profile of the barcode reader, clearly showing the prominent yellow trigger button used to initiate scanning.

3. SETUP

Follow these steps to set up your DEX DX-182 Laser Barcode Reader:

1. **Unpack the Device:** Carefully remove the barcode reader and USB cable from its packaging.
2. **Connect the USB Cable:** Insert the smaller end of the USB cable into the port located at the base of the barcode reader.
3. **Connect to Host Device:** Plug the larger end of the USB cable into an available USB port on your computer or POS system.
4. **Driver Installation (Automatic):** The operating system should automatically detect and install the necessary drivers. Wait for the "Device is ready" notification.
5. **Test the Scanner:** Open a text editor (e.g., Notepad, Word) or any application that accepts keyboard input. Point the scanner at a barcode and press the trigger. The barcode data should appear in the open application.

4. OPERATING INSTRUCTIONS

The DEX DX-182 Laser Barcode Reader is designed for simple and efficient operation.

Scanning a Barcode:

1. **Aim:** Hold the scanner with the scanning window facing the barcode. Ensure the laser beam covers the entire barcode.

2. **Trigger:** Press and hold the yellow trigger button. A red laser line will emit from the scanning window.

3. **Scan:** Position the scanner at an appropriate distance (typically 2-9 cm) from the barcode. The scanner will emit a beep and the laser will turn off upon a successful read.

4. **Data Output:** The scanned data will be transmitted to your connected computer or POS system as if it were typed via a keyboard.

Supported Barcode Types:

The scanner supports a wide range of 1D barcode symbologies, including but not limited to:

- EAN (European Article Number)
- UPC (Universal Product Code)
- Code 2 of 5 (Interleaved 2 of 5, Industrial 2 of 5)
- Code 39
- Code 93
- Code 128
- Codabar
- MSI/Plessey
- GS1 DataBar (RSS)

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your barcode reader.

- **Cleaning the Scanning Window:** Regularly clean the scanning window with a soft, lint-free cloth. If necessary, use a mild, non-abrasive cleaning solution applied to the cloth (not directly to the device).

- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or strong detergents, as these can damage the device's casing or scanning window.

- **Cable Care:** Avoid bending or twisting the USB cable excessively. Ensure it is not pinched or placed under heavy objects.

- **Storage:** When not in use, store the scanner in a clean, dry environment away from direct sunlight and extreme temperatures.

- **Drop Protection:** While designed for durability, avoid dropping the device. Excessive impact can damage internal components.

6. TROUBLESHOOTING

If you encounter issues with your DEX DX-182, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Scanner does not power on.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely connected to both the scanner and the computer. Try a different USB port on your computer.

Problem	Possible Cause	Solution
Scanner does not read barcodes.	- Barcode is damaged or poorly printed. - Scanning window is dirty. - Incorrect scanning distance. - Unsupported barcode type.	- Try scanning a different, known-good barcode. - Clean the scanning window as described in the Maintenance section. - Adjust the distance between the scanner and the barcode (optimal 2-9 cm). - Verify the barcode type is listed in the "Supported Barcode Types" section.
Scanned data does not appear on screen.	- No active input field. - Driver issue.	- Ensure a text editor or application with an active input field is open and focused. - Disconnect and reconnect the USB cable. Restart your computer if necessary.

7. SPECIFICATIONS

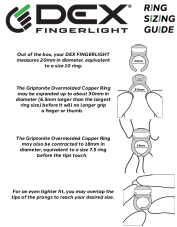| Feature	Detail
Model	DX-182
Brand	DEX
Connectivity	USB Cable
Light Source	Visible Laser 650 nm
Scan Speed	100 scans/second
Minimum Print Contrast	35%
Depth of Field	2-9 cm (for 0.1mm bar width)
Resolution (Min. Bar Width)	0.1 mm
Supported Barcodes	EAN, UPC, Code 2 of 5, Code 39, Code 93, Code 128, Codabar, MSI/Plessey, GS1 DataBar, and others.
Product Dimensions	167 x 97 x 65 mm (Device)
Product Weight	480 g

8. WARRANTY AND SUPPORT

Warranty Information: Specific warranty details are typically provided at the point of purchase or within separate warranty documentation. Please refer to your purchase receipt or contact your retailer for warranty terms and conditions.

Technical Support: For technical assistance, troubleshooting beyond this manual, or inquiries regarding your DEX DX-182 Laser Barcode Reader, please contact DEX customer support or your authorized dealer.

Contact information can usually be found on the manufacturer's website or product packaging.

Related Documents - DX-182

	[DEX FingerLight Ring Sizing Guide](#) A comprehensive guide to sizing your DEX FingerLight, detailing how to adjust the ring for the perfect fit using its Griptonite Overmolded Copper Ring technology.
	[DEX FingerLight Data Sheet - USB-C Rechargeable LED Light](#) Comprehensive data sheet for the DEX FingerLight, a compact and powerful USB-C rechargeable LED light designed for hands-free illumination. Features include Griptonite ring, IPX7 waterproofing, and multiple light modes.
	[KEYENCE DX Series Handheld Terminal Instruction Manual](#) Instruction manual for the KEYENCE DX Series handheld terminals, covering safety precautions, regulations, installation, specifications, and handling for models DX-A600, DX-A600GE, DX-A400, DX-A400GE, and DX-W600.
	[KEYENCE DX Series Handheld Terminal Instruction Manual - Safety, Specifications, and Usage Guide](#) Comprehensive instruction manual for KEYENCE DX Series handheld terminals (DX-A600, DX-A600GE, DX-A400, DX-A400GE, DX-W600 models). Covers safety precautions, regulatory compliance (FCC, ISED, CE, UKCA, UL), unit installation, cleaning, specifications, and warranty information.
	[Widex MOMENT™ Hearing Aid User Instructions & Guide](#) Comprehensive user guide for the Widex MOMENT™ MBR3D hearing aid. Learn about features, operation, customization, connectivity, and safety. Includes instructions for the MOMENT app and Bluetooth pairing.