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› NETUM NT-1228BL 2D Barcode Scanner User Manual

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Model: NT-1228BL

INTRODUCTION

Thank you for choosing the NETUM NT-1228BL 2D Barcode Scanner. This manual provides detailed instructions for setting up, operating, and maintaining your device. Please read this manual thoroughly before using the scanner to ensure optimal performance and longevity.

The NT-1228BL is a versatile 2D barcode scanner compatible with 2.4G Wireless, Bluetooth, and USB Wired connections. It is designed to connect seamlessly with smartphones, tablets, PCs, and POS systems, capable of reading 1D, 2D, QR, PDF417, and Data Matrix barcodes from both screens and printed paper.

PRODUCT OVERVIEW



Figure 1: NETUM NT-1228BL 2D Barcode Scanner with its accessories, including a USB wireless dongle and two USB cables for charging and wired connection.



Figure 2: The NETUM NT-1228BL 2D Barcode Scanner held comfortably in a user's hand, demonstrating its ergonomic design.

Key Features:

- **Excellent Decoding Ability:** Reads 1D, 2D, QR, PDF417, Data Matrix barcodes from both screens and printed paper using CMOS sensor technology.
- **3-in-1 Connectivity:** Supports Bluetooth, 2.4G Wireless (via receiver), and USB Wired connections.
- **Wide Compatibility:** Works with Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, and iOS devices (laptops, PCs, mobile phones, tablets, iPhones, iPads, POS systems).
- **Instant Upload & Storage Mode:** Features an internal offline storage capacity of up to 130,000 Code128 barcodes.
- **Long Working Time:** Built-in 1800mAh battery provides up to 9 hours of continuous scanning and 2 months of standby time.
- **Fast Scanning Speed:** Achieves up to 1500 scans per second.
- **Anti-shock System:** Enhanced durability for reliable operation.

SETUP

1. Charging the Scanner

Before first use, fully charge the scanner. Connect the scanner to a USB power source (e.g., computer USB port, USB wall adapter) using the provided USB cable. The indicator light will show charging status.

2. Connection Modes



Figure 3: The scanner's multi-compatible system, illustrating its ability to work with Mac OS/iOS, Android, and Windows XP/7/8/10 devices.



Figure 4: Visual representation of the three connection options: Bluetooth, 2.4G Wireless, and USB Wired Connection, highlighting the scanner's versatility.

2.1. USB Wired Connection (Plug and Play)

1. Connect the scanner to your computer's USB port using the provided USB cable.
2. The scanner will be automatically recognized as a keyboard device. No driver installation is required.
3. The scanner is ready for use.

2.2. 2.4G Wireless Connection

1. Plug the 2.4G wireless USB dongle into an available USB port on your computer or device.
2. Turn on the scanner. It will automatically pair with the dongle.
3. A successful connection is indicated by a specific beep sound or indicator light.
4. The wireless range is approximately 30m/99ft under obstacles environment and up to 100m/330ft in a barrier-free environment.

2.3. Bluetooth Connection

1. Turn on the scanner.
2. Scan the Bluetooth pairing barcode (usually found in the quick start guide or on the scanner itself).
3. On your device (smartphone, tablet, PC), go to Bluetooth settings and search for "NETUM Barcode Scanner" or similar.
4. Select the scanner to pair. A successful connection will be confirmed by a beep and/or indicator light.
5. The Bluetooth range is approximately 10m/33ft under obstacles environment and up to 50m/164ft in a barrier-free environment.



Figure 5: Illustration of the scanner's long transmission range for both Bluetooth and 2.4G Wireless connections, showing typical effective distances in different environments.

OPERATING INSTRUCTIONS

1. Basic Scanning Operation

1. Ensure the scanner is connected to your device via your preferred method (Wired, 2.4G Wireless, or Bluetooth).
2. Open an application where you want the scanned data to appear (e.g., Notepad, Word document, POS software).
3. Point the scanner's window at the barcode you wish to scan. Ensure the red scanning line covers the entire barcode.
4. Press the trigger button. The scanner will emit a light beam and a successful scan will be indicated by a beep and/or a green light.

5. The scanned data will appear in your open application.

2. Scanning Modes

The NT-1228BL supports multiple scanning modes:

- **Button Trigger Mode:** Default mode. Scan by pressing the trigger button.
- **Automatic Continuous Reading Mode:** The scanner continuously emits a beam and scans barcodes without pressing the trigger. Useful for high-volume scanning.
- **Automatic Detection Mode:** The scanner activates the beam and scans when a barcode is detected within its field of view.

Refer to the included programming barcodes in the quick start guide to switch between these modes.

3. Data Storage (Offline Mode)

When the scanner is out of range or disconnected, it can store scanned barcodes internally. To activate storage mode, scan the appropriate programming barcode. Once reconnected, scan the "Upload Data" barcode to transmit all stored data to your device.

The scanner can store approximately 130,000 Code128 barcodes in offline mode.

4. Keyboard Language Settings

The scanner defaults to US Keyboard layout. It supports multiple language barcodes including English, Spanish, German, French, Italian, and Japanese. To change the keyboard language, scan the corresponding programming barcode from the manual.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a soft, lint-free cloth slightly dampened with a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the scanner regularly, especially if it will not be used for an extended period.
- **Physical Protection:** While the scanner features an anti-shock system, avoid dropping or subjecting it to severe impacts to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not turning on.	Low battery.	Charge the scanner for at least 4 hours.
Scanner not connecting to device.	Incorrect connection mode; Out of range; Bluetooth not enabled on device; Dongle not properly inserted.	Ensure correct connection mode is selected (scan programming barcode if needed). Move scanner closer to device. Enable Bluetooth. Re-insert USB dongle.
Scanner not reading barcodes.	Barcode damaged/unreadable; Incorrect barcode type; Scanning window dirty; Insufficient lighting.	Try scanning a different, known good barcode. Ensure the barcode type is supported. Clean the scanning window. Ensure adequate lighting.

Problem	Possible Cause	Solution
Scanned data appears incorrectly.	Incorrect keyboard language setting.	Scan the programming barcode for your desired keyboard language (e.g., US Keyboard).
Scanner beeps but no data transmitted.	Application not in focus; Scanner in storage mode.	Ensure the target application is active and has cursor focus. If in storage mode, scan "Upload Data" barcode.

SPECIFICATIONS

- **Model:** NT-1228BL
- **Decoding Capability:** 1D, 2D, QR, PDF417, Data Matrix, Maxicode, etc.
- **Sensor:** CMOS
- **Connectivity:** 2.4G Wireless, Bluetooth, USB Wired
- **Wireless Range (2.4G):** Up to 100m/330ft (barrier-free), 30m/99ft (obstacles)
- **Bluetooth Range:** Up to 50m/164ft (barrier-free), 10m/33ft (obstacles)
- **Battery:** 1800mAh Lithium-ion
- **Working Time:** Approx. 9 hours continuous scanning
- **Standby Time:** Approx. 2 months
- **Storage Capacity:** Up to 130,000 Code128 barcodes (offline mode)
- **Scanning Speed:** Up to 1500 times/second
- **Compatible OS:** Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, iOS
- **Power Source:** Battery Powered, Corded Electric

WARRANTY AND SUPPORT

NETUM provides a **2-year warranty** from the date of purchase for the NT-1228BL barcode scanner. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any inquiries, please contact NETUM customer service through the following channels:

- **Email:** Refer to your product packaging or the official NETUM website for contact email.
- **Website:** Visit the official NETUM website for FAQs, drivers, and support resources.

Please have your model number (NT-1228BL) and purchase information ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question