

NETUM NT-1228BL

NETUM NT-1228BL 2D Barcode Scanner User Manual

Model: NT-1228BL

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your NETUM NT-1228BL 2D Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

The NETUM NT-1228BL is a versatile 2D barcode scanner designed for various applications, including retail, inventory management, and data collection. It supports 1D and 2D barcodes, including QR codes and PDF417, from both screens and printed materials. Its multi-connection capabilities (Bluetooth, 2.4G Wireless, USB Wired) offer flexible integration with different devices.

2. SAFETY INFORMATION

- **Do Not Stare Into Beam:** Avoid direct eye exposure to the scanning light.
- Keep the device away from water and other liquids to prevent electrical shock or damage.
- Do not attempt to disassemble or repair the scanner yourself. Refer to qualified service personnel.
- Use only the charging cable provided or recommended by the manufacturer.
- Store the scanner in a cool, dry place when not in use.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- NETUM NT-1228BL 2D Barcode Scanner
- USB Charging/Data Cable
- 2.4G Wireless USB Dongle
- User Manual (this document)



Image: The NETUM NT-1228BL barcode scanner shown alongside its USB charging/data cable and 2.4G wireless USB dongle.

4. PRODUCT OVERVIEW

The NT-1228BL scanner features a compact and ergonomic design for comfortable handling. Key components include:

- **Scanning Window:** Area where barcodes are read.
- **Trigger Button:** Activates the scanning light.
- **Indicator Lights:** Provide status feedback (e.g., power, connection, scan success).
- **USB Port:** For wired connection and charging.



Image: A hand demonstrating the ergonomic grip of the NETUM NT-1228BL barcode scanner.

5. SETUP AND CONNECTION

The NT-1228BL offers three connection modes: Bluetooth, 2.4G Wireless, and USB Wired.

5.1. Charging the Scanner

Before first use, fully charge the scanner. Connect the USB charging cable to the scanner's USB port and the other end to a USB power adapter (not included) or a computer's USB port. The indicator light will show charging status.

5.2. Connection Modes



Image: Visual representation of the three connection methods: Bluetooth, 2.4G Wireless via USB dongle, and direct USB wired connection.

5.2.1. USB Wired Connection (Plug and Play)

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

5.2.2. 2.4G Wireless Connection

1. Insert the 2.4G wireless USB dongle into an available USB port on your computer or POS system.
2. Turn on the barcode scanner.
3. The scanner should automatically pair with the dongle. A successful connection is indicated by a specific sound or light pattern (refer to scanner's indicator light behavior).
4. The wireless range is approximately 30m (99 ft) in obstructed environments and up to 100m (330 ft) in barrier-free environments.

5.2.3. Bluetooth Connection

The scanner can connect to devices with Bluetooth functionality, including laptops, tablets, and smartphones (iOS, Android, Windows Mobile, Mac OS).

1. Ensure Bluetooth is enabled on your host device (e.g., smartphone, tablet, PC).
2. Turn on the barcode scanner.
3. Scan the "Bluetooth Pairing" barcode (usually found in a quick start guide or on the scanner itself, if applicable). This puts the scanner into pairing mode.
4. On your host device, search for Bluetooth devices. The scanner should appear as "NETUM Barcode Scanner" or similar.
5. Select the scanner to pair. A successful connection will be confirmed by an indicator light or sound.
6. The Bluetooth range is approximately 10m (33 ft) in obstructed environments and up to 50m (164 ft) in barrier-free environments.



Image: The scanner's compatibility with different operating systems and devices, including PC, smartphone, tablet, and POS systems.



Image: Transmission range capabilities for Bluetooth and 2.4G wireless connections, showing effective distances in both obstructed and barrier-free environments.

6. OPERATING INSTRUCTIONS

6.1. Scanning Barcodes

To scan a barcode, point the scanning window at the barcode and press the trigger button. Ensure the entire barcode is within the scanning beam. A successful scan is typically indicated by a beep and/or a change in the indicator light.



Image: The scanner's decoding capability, showing it can read common 1D (e.g., EAN-13, Code 128), 2D (e.g., PDF417, Data Matrix), and QR codes from both digital screens and printed labels.

6.2. Scanning Modes

The NT-1228BL supports multiple scanning modes:

- **Button Trigger Mode:** Press the trigger button for each scan.
- **Automatic Continuous Reading Mode:** The scanner continuously emits a scanning beam and reads barcodes automatically without pressing the trigger.
- **Automatic Detection Mode:** The scanner activates the beam and scans when a barcode is detected within its field of view.

Refer to the included quick setup guide or specific configuration barcodes to switch between these modes.

6.3. Data Storage (Offline Mode)

When out of range or disconnected, the scanner can store up to 130,000 Code128 barcodes in its internal flash memory. To upload stored data, reconnect the scanner to your device and scan the "Upload Data" barcode (refer to the quick setup guide).

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lens cleaning cloth and solution to avoid scratches.
- **Storage:** Store the scanner in a cool, dry environment, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the scanner regularly, especially if it will be stored for extended periods.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner does not turn on.	Low battery.	Charge the scanner for at least 4 hours.
Scanner does not connect.	Incorrect connection mode; out of range; pairing issue.	Ensure correct mode (Bluetooth/2.4G/Wired). Move closer to the receiver. Re-pair the device.
Cannot scan barcodes.	Barcode damaged/unreadable; incorrect scanning angle; scanner not in active mode.	Ensure barcode is clear. Adjust scanning angle. Check scanner's indicator light for active status.
Scanned data is incorrect or incomplete.	Incorrect keyboard layout; partial scan.	Ensure host device keyboard layout is US English by default. Rescan the barcode ensuring full capture.

9. SPECIFICATIONS

- **Model:** NT-1228BL
- **Connectivity:** Bluetooth, 2.4G Wireless, USB Wired
- **Compatible Devices:** Laptop, Desktop, Tablet, Smartphone, POS systems
- **Compatible OS:** Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, iOS
- **Barcode Types:** 1D, 2D, QR, PDF417, Data Matrix (reads from screen and paper)
- **Battery:** 1800mAh
- **Working Time:** Up to 9 hours continuous scanning
- **Standby Time:** Up to 2 months
- **Charging Time:** Approximately 4 hours
- **Scanning Speed:** Up to 1500 scans/second
- **Offline Storage:** Approximately 130,000 Code128 barcodes
- **Wireless Range (2.4G):** 30m (99 ft) obstructed, 100m (330 ft) barrier-free
- **Bluetooth Range:** 10m (33 ft) obstructed, 50m (164 ft) barrier-free

10. WARRANTY AND SUPPORT

NETUM products are designed for reliability and performance. For warranty information and technical support, please refer to the warranty card included with your product or visit the official NETUM website. Please have your model number (NT-1228BL) and purchase details ready when contacting support.

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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