NETUM NT-1228BL

NETUM NT-1228BL Bluetooth 2D QR Barcode Scanner User Manual

Model: NT-1228BL

1. Introduction

The NETUM NT-1228BL is a versatile 3-in-1 barcode scanner designed for efficient and accurate scanning of 1D and 2D barcodes from both screens and printed materials. It supports Bluetooth, 2.4G wireless, and USB wired connections, making it compatible with a wide range of devices including laptops, tablets, smartphones, and POS systems. This manual provides detailed instructions for setting up, operating, and maintaining your scanner.

2. Safety Information

- Do not stare directly into the scanning beam.

- Keep the device away from water and other liquids.

- Avoid dropping or subjecting the scanner to severe impacts.

- Do not attempt to disassemble or repair the scanner yourself. Refer to qualified personnel for service.

- Ensure the scanner is fully charged before first use to prevent low voltage issues.

3. Package Contents

Please check the package contents upon unboxing:

- NETUM NT-1228BL Barcode Scanner

- USB Charging Cable

- 2.4G Wireless Dongle (stored in the scanner handle)

- Adjustable Stand

- User Manual (this document)

4. Product Overview

Figure 4.1: NETUM NT-1228BL Barcode Scanner with its adjustable stand and included cables.

Figure 4.2: Front view of the NETUM NT-1228BL Barcode Scanner, showing the scanning window and trigger button.

Figure 4.3: The adjustable stand for the NETUM NT-1228BL Barcode Scanner, allowing for hands-free operation.

The scanner features a comfortable ergonomic design, a scanning window, a trigger button, and a charging port. The included stand allows for hands-free operation.

5. SETUP

5.1 Charging the Device

Before first use, fully charge the scanner for 2-3 hours. A full charge provides approximately 9 hours of continuous scanning or 2 months of standby time. Connect the USB charging cable to the scanner's charging port and a power source (e.g., computer USB port or USB wall adapter).

5.2 Connecting via USB Cable (Plug & Play)

For a direct wired connection:

1. Connect one end of the USB cable to the scanner.
2. Connect the other end of the USB cable to a USB port on your computer or POS system.
3. The scanner will be recognized as a keyboard input device and is ready for use.

5.3 Connecting via Bluetooth

The scanner can connect to Bluetooth-enabled devices such as smartphones, tablets, and computers.

1. Ensure the scanner is powered on.
2. Scan the "Bluetooth Pairing" barcode (refer to the quick start guide or the full manual for specific configuration barcodes).
3. On your device, go to Bluetooth settings and search for available devices.
4. Select "NETUM Barcode Scanner" or a similar name from the list to pair.
5. Once paired, the scanner is ready for wireless operation.

5.4 Connecting via 2.4G Wireless Dongle

The 2.4G wireless dongle is typically stored in the handle of the scanner.

1. Remove the 2.4G wireless dongle from the scanner's handle.
2. Insert the dongle into an available USB port on your computer.
3. The system will automatically install the necessary drivers.
4. The scanner should automatically connect to the dongle and be ready for use.

5.5 Assembling the Stand

The stand consists of a base, a flexible neck, and a scanner holder. Assemble by screwing the flexible neck into the base, then attaching the scanner holder to the top of the flexible neck. The stand allows for hands-free scanning in automatic or continuous scan modes.

6. OPERATING THE SCANNER

6.1 Scanning Modes

- **Instant Upload Mode:** Scanned barcodes are immediately transmitted to the connected device. This is the default mode.
- **Storage Mode (Offline Storage):** If the scanner is out of range or not connected, it can store up to 130,000 barcodes internally. Once reconnected, you can upload the stored data.

6.2 Trigger Modes

- **Key Trigger Mode:** Press the trigger button to activate the scanning beam and read a barcode.
- **Continuous Scan Mode:** The scanning beam remains active continuously, allowing for rapid scanning without pressing the trigger for each item.
- **Auto-Sensing Mode:** The scanner automatically detects a barcode placed in front of it and activates the scanning beam to read it. This mode is ideal for hands-free operation with the stand.

To switch between trigger modes, scan the corresponding configuration barcodes provided in the full user manual.

6.3 Supported Barcode Types

The NT-1228BL scanner supports a wide range of 1D and 2D barcode symbologies, including but not limited to:

- **1D Barcodes:** EAN13, UPCE, UPCA, Codebar, Code11, Code39, Code93FullASCII, Code128, etc.
- **2D Barcodes:** QR Code, PDF417, Data Matrix.

Note: Some barcode types (e.g., Maxi Code, Interleaved 2 of 5) may be disabled by default and require scanning specific configuration barcodes to enable them. The scanner may not be ideal for very long 1D barcodes (over 6 cm). It can only decode automotive QR codes with a white background and cannot read DMV codes.

6.4 Language Settings

The scanner supports multiple languages for output, including English, German, French, Italian, Spanish, and Japanese. Refer to the full user manual for barcodes to configure the desired language layout.

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 if necessary. Do not use abrasive cleaners or solvents.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing the scanner for an extended period, charge it to about 50% and store in a cool, dry place. Recharge every few months.

- **Storage:** Store the scanner in a clean, dry environment, away from extreme temperatures and direct sunlight.

8. Troubleshooting

Problem	Possible Cause	Solution
Scanner does not read barcodes.	Low battery; Barcode type disabled; Damaged barcode; Incorrect scanning angle.	Charge the scanner fully. Scan the configuration barcode to enable the specific barcode type. Ensure the barcode is clear and undamaged. Adjust scanning angle and distance.
Bluetooth connection fails.	Scanner not in pairing mode; Device Bluetooth off; Interference.	Scan the "Bluetooth Pairing" barcode. Ensure Bluetooth is enabled on your device. Move closer to the device or away from interference sources.
Scanned data is incorrect or incomplete.	Incorrect language setting; Partial scan; Software incompatibility.	Set the correct language layout (e.g., English, French). Ensure the entire barcode is within the scanning area. Note: Not compatible with software that has its own customized scanner (e.g., Square POS).
Scanner does not turn on.	Battery completely drained.	Connect the scanner to a power source and charge for at least 30 minutes before attempting to turn it on.

For further assistance, please contact NETUM customer support.

9. Specifications

Feature	Specification
Model	NT-1228BL (Manufacturer Reference: BLBC-WS)
Connectivity	Bluetooth, 2.4G Wireless, USB Wired
Supported OS	Windows XP/7/8/10, Mac OS, Linux, Windows Mobile, Android OS, iOS
Battery Capacity	2000 mAh Lithium-ion (rechargeable)
Working Time	Approx. 9 hours continuous scanning
Standby Time	Approx. 2 months

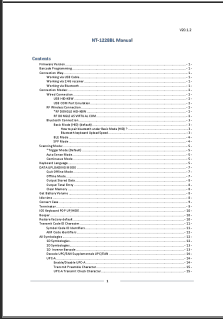| Feature	Specification
Scan Speed	Up to 1500 times/second
Offline Storage	Up to 130,000 barcodes
Supported Barcodes	1D (EAN13, UPCE, UPCA, Codebar, Code11, Code39, Code93FullASCII, Code128, etc.), 2D (QR, PDF417, Data Matrix)
Certifications	CE, WEEE, RoHS
Country of Origin	China

10. WARRANTY AND SUPPORT

The NETUM NT-1228BL Barcode Scanner comes with a 1-year manufacturer's warranty.
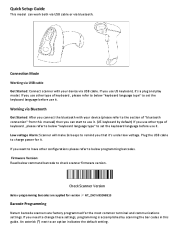
For technical support, warranty claims, or any questions regarding your product, please contact NETUM Official Store customer service through the platform where you purchased the product or visit the official NETUM website for contact information.

Please retain your proof of purchase for warranty purposes.

Related Documents - NT-1228BL

Netum NT-1228BL Barcode Scanner Setup Guide
A comprehensive setup guide for the Netum NT-1228BL barcode scanner, detailing connection options (USB, Bluetooth), pairing procedures for various operating systems, operational modes, keyboard language settings, and extensive barcode programming configurations.

Netum NT-1228BL Wireless Barcode Scanner User Manual
This comprehensive manual for the Netum NT-1228BL barcode scanner provides detailed instructions on setup, connection modes (USB, 2.4G wireless, Bluetooth), and advanced programming features. Learn how to configure various barcode symbologies, keyboard languages, and data uploading modes for efficient operation in diverse environments.

[NETUM Barcode Scanner: Prefix and Suffix Configuration Guide](#)
Comprehensive guide to configuring prefixes and suffixes on NETUM barcode scanners, including hiding characters and custom data editing.

[NETUM Barcode Scanner Quick Start Guide: Setup, Pairing, Modes & Troubleshooting](#)
Get started with your NETUM Bluetooth Barcode Scanner. This guide covers connection modes (USB, Bluetooth HID, SPP), pairing for Android, iOS, Windows, keyboard languages, store mode, idle time, beeper settings, and FAQs for easy setup and operation.

[Netum NT-1228BL Barcode Scanner Setup Guide](#)
A comprehensive setup and programming guide for the Netum NT-1228BL barcode scanner, detailing connection modes (USB, Bluetooth), keyboard language configuration, various scan modes, offline data storage, and extensive barcode symbology settings including UPC/EAN, Code 128, Code 39, QR, and Data Matrix. Includes instructions for custom prefixes/suffixes and factory reset.

[Netum NT-1228BL Barcode Scanner Quick Setup and Programming Guide](#)
This guide provides instructions for setting up and programming the Netum NT-1228BL wireless barcode scanner. It covers USB and Bluetooth connectivity, operation modes, scan modes, working modes, and detailed configuration options for various barcode symbologies.