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› NETUM NT-1228BL & E800 Barcode Scanners User Manual

NETUM NT-1228BL, E800

NETUM NT-1228BL & E800 Barcode Scanners User Manual

Comprehensive Guide for Your 2D Barcode Scanners

INTRODUCTION

This user manual provides detailed instructions for the NETUM NT-1228BL and E800 2D Barcode Scanners. These devices offer versatile barcode scanning solutions, compatible with various operating systems and connection methods. Please read this manual thoroughly to ensure proper operation and maintenance of your scanners.



Image: The NETUM NT-1228BL handheld scanner and the compact NETUM E800 back-clip scanner, illustrating the two devices included in the bundle.

PRODUCT FEATURES

- **Versatile 2D Barcode Reading:** Both NT-1228BL and E800 scanners are capable of omnidirectional reading of 1D, 2D, and Postal barcodes, including PDF417, MicroPDF417, Data Matrix, Maxicode, and QR Code. They can scan barcodes from paper, phone screens, laptops, or PC screens.
- **Multiple Connectivity Options:** The NT-1228BL supports 2.4G Wireless, Bluetooth, and USB Wired connections. The E800 connects via Bluetooth (HID, SPP, BLE modes) to smartphones, tablets, notebooks, and desktop computers.
- **Offline Storage Mode (NT-1228BL):** The NT-1228BL features an internal offline storage mode, capable of storing up to 130,000 barcodes when out of range, allowing for later upload.
- **Compact and Portable Design (E800):** The NETUM E800 is designed for portability, fitting comfortably in hand for one-handed operation. It can be used independently or attached to a mobile device as a back-clip scanner.
- **Flexible Scanning Modes (E800):** The E800 offers both manual trigger mode and continuous scanning mode, automatically reading barcodes upon detection without requiring a trigger press.
- **Broad Compatibility:** Both scanners are compatible with Windows, Mac OS, Android, and iOS operating systems.

SETUP

Package Contents

Please verify that all items are present in your package:

- NETUM NT-1228BL Barcode Scanner
- NETUM E800 Back Clip Barcode Scanner
- USB Charging/Data Cable (for NT-1228BL)
- USB Charging/Data Cable (for E800)
- 2.4G Wireless Dongle (for NT-1228BL)
- User Manual (this document)

Charging the Scanners

Before initial use, fully charge both scanners. Connect the provided USB cable to the scanner's charging port and the other end to a USB power adapter (not included) or a computer's USB port.

- **NT-1228BL:** Charging indicator light will show charging status.
- **E800:** A full charge typically takes 3 to 4 hours. The scanner can operate for approximately 6 hours of continuous scanning on a full charge.

LONG-LASTING BATTERY



3 to 4 hours
to charge



6 hours for
scanning

Image: The NETUM E800 scanner highlighting its 1200mAh battery, indicating 3-4 hours for a full charge and 6 hours of scanning operation.

Connectivity Options

Both scanners offer multiple ways to connect to your devices.

NT-1228BL Connectivity

- **2.4G Wireless:** Insert the 2.4G USB dongle into your computer's USB port. The scanner will automatically pair.
- **Bluetooth:** Turn on the scanner and enable Bluetooth on your host device (smartphone, tablet, PC). Search for "NT-1228BL" in the Bluetooth device list and pair.
- **USB Wired:** Connect the scanner directly to your computer using the provided USB cable. The scanner will function as a plug-and-play device.



Image: The NT-1228BL handheld scanner shown with its USB charging/data cable and the 2.4G wireless USB dongle, illustrating its connectivity options.

E800 Connectivity (Bluetooth)

The E800 scanner primarily uses Bluetooth for connection. It supports HID, SPP, and BLE modes.

- Turn on the E800 scanner.
- Enable Bluetooth on your smartphone, tablet, or computer.
- Search for available devices and select "NETUM E800" to pair.
- Once paired, the scanner will be ready for use.



Image: The NETUM E800 compact scanner displayed with its USB-C charging cable and a 2.4G wireless USB dongle, indicating its versatile connection capabilities.

OPERATING INSTRUCTIONS

Scanning Barcodes

Both scanners are designed for efficient and accurate barcode reading.

- Point the scanner's reading window at the barcode.
- Press the trigger button (for manual mode) or allow the scanner to detect the barcode automatically (for continuous mode).
- A successful scan is typically indicated by a beep and/or a green light.

Excellent Decoding Ability

Use CMOS sensor, the scanner can read most 1D/2D/QR codes both on the screen and paper.



Image: The NT-1228BL scanner actively scanning, surrounded by examples of 1D barcodes (Code 128, PDF417, EAN-13) and 2D barcodes (QR, Maxicode, Data Matrix), illustrating its decoding capabilities.

2D BLUETOOTH SCANNING

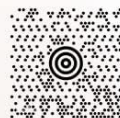
Super Decoding Ability Fast Scanning speed, Higher Scanning Accuracy



QR Code



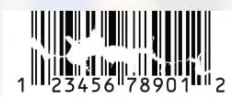
Data Matrix



Maxicode



Aztec code



Damaged Barcode



Distortion Barcode



Colorful Barcode



Fuzzy Barcode



Reflective Barcode

Image: The NETUM E800 scanner in use, demonstrating its advanced 2D Bluetooth scanning capabilities by showing various types of 2D barcodes it can read, including QR Code, Data Matrix, Maxicode, Aztec code, and even damaged, distorted, colorful, fuzzy, and reflective barcodes.

E800 Usage Modes: Standalone vs. Back-Clip

The NETUM E800 offers flexibility in how it can be used.

- **Used Alone:** The E800 can be operated as a standalone compact Bluetooth barcode scanner.
- **Used with Phone (Back-Clip):** Utilize the included clip mechanism to attach the E800 securely to the back of your mobile phone, transforming it into an integrated scanning solution. This allows for simultaneous scanning and data viewing on your phone.

TWO WAYS TO USE

Manual trigger mode + Continuous scanning mode, The scanner will automatically read the barcode once the barcode is detected. There is no need to press the trigger.

① Used alone



② Anduse with phone



Image: The NETUM E800 scanner demonstrating its two primary usage modes: being held and operated independently, and being attached to the back of a smartphone via its clip mechanism.

SMALL AND PORTABLE TO WORK WITH PHONE

Size & Weight – Measuring less than 0.76 inch (1.95cm) thick and weighing less than two ounces (53g)



Image: The NETUM E800 scanner attached to the back of a smartphone, illustrating its compact size and how it integrates with a mobile device for portable scanning.

Offline Storage Mode (NT-1228BL)

The NT-1228BL can store scanned barcodes internally when out of range or not connected. To activate or manage this mode, refer to the specific programming barcodes in the separate quick start guide or programming manual that came with your NT-1228BL scanner.

MAINTENANCE

Cleaning

To maintain optimal performance, keep the scanner's reading window clean. Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive cleaning solution. Do not use harsh chemicals or abrasive materials.

Battery Care

To prolong battery life:

- Avoid fully discharging the battery frequently.
- Store the scanner in a cool, dry place when not in use for extended periods.
- Charge the battery regularly, even if not in frequent use, to prevent deep discharge.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not connecting via Bluetooth.	Scanner is off, out of range, or not in pairing mode. Host device Bluetooth is off.	Ensure scanner is on and charged. Move scanner closer to host device. Put scanner into pairing mode (refer to quick start guide). Enable Bluetooth on host device. Forget and re-pair the device.
Scanner not reading barcodes.	Barcode is damaged/unreadable. Scanner window is dirty. Incorrect barcode symbology enabled. Low battery.	Try scanning a different, known good barcode. Clean the scanner window. Ensure the barcode type is supported and enabled (refer to programming guide). Charge the scanner.
Scanned data not appearing on host device.	Not properly paired. Application on host device not ready to receive input.	Verify successful Bluetooth pairing. Ensure cursor is in a text field or application is active and ready for input.
Scanner beeps continuously or behaves erratically.	Configuration error. Firmware issue.	Perform a factory reset (refer to programming guide). Contact customer support if the issue persists.

SPECIFICATIONS

General Specifications (Both Models)

- **Brand:** NETUM
- **Compatible Devices:** Laptop, Desktop, Tablet, Smartphone
- **Power Source:** Battery Powered
- **Connectivity Technology:** Bluetooth (NT-1228BL also 2.4G Wireless & USB Wired)

NETUM E800 Specific Dimensions

The E800 is designed to be compact and lightweight.

- **Thickness:** Less than 0.76 inches (1.95 cm)
- **Weight:** Less than two ounces (53g)
- **Approximate Dimensions:** 87mm (Length) x 53mm (Width) x 14.6mm (Height)



Image: Detailed view of the NETUM E800 scanner with key dimensions labeled: 14.6mm height, 87mm length, and 53mm width, providing a clear understanding of its compact size.

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For further assistance, please visit the official NETUM support website or contact customer service.

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