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NETUM NT-1228BC Bluetooth Barcode Scanner User Manual

Comprehensive Guide for Setup, Operation, and Maintenance

PRODUCT OVERVIEW

The NETUM NT-1228BC is a versatile Bluetooth CCD barcode scanner designed for efficient 1D barcode reading. It supports multiple connection methods including 2.4G Wireless, Bluetooth, and wired USB, offering flexibility for various environments. This scanner is compatible with a wide range of operating systems, including Windows, Mac, Android, and iOS devices, making it suitable for use with smartphones, tablets, and PCs.

Equipped with CCD scanning technology, the NT-1228BC excels at reading 1D barcodes directly from digital screens (such as computer monitors, smartphones, or tablets) and even through glass surfaces or plastic shrink wrap. It is also effective in scanning barcodes with poor printing quality or minor scratches.



Image: The NETUM NT-1228BC Bluetooth Barcode Scanner, shown with its main unit, USB charging cable, and 2.4G wireless receiver. The scanner features a black ergonomic design with a blue trigger button and a red scanning beam visible from the front.

Key Features:

- **Multi-Connectivity:** Supports Bluetooth, 2.4G Wireless, and Wired USB connections.
- **CCD Scanning Technology:** Capable of reading 1D barcodes from paper and digital screens.
- **Broad Compatibility:** Works with Windows, Mac, Android, and iOS operating systems.
- **Long Battery Life:** Integrated 2000mAh battery provides up to 30 hours of continuous scanning.
- **Ergonomic Design:** Comfortable for extended use.

Important Considerations:

- This model is designed exclusively for **1D barcodes** and cannot decode 2D, QR, or Data Matrix codes.
- The scanner cannot currently be programmed to add functional prefixes or suffixes to scanned data.

WHAT'S IN THE BOX

Upon unboxing your NETUM NT-1228BC Barcode Scanner, please verify that all components are present:

- 1 x NETUM NT-1228BC Bluetooth CCD Barcode Scanner
- 1 x 2.4G Wireless Receiver
- 1 x USB Charging Cable
- 1 x User Guide (this document)

SETUP

1. Charging the Scanner

Before initial use, ensure the scanner is fully charged. Connect the provided USB charging cable to the scanner's charging port and plug the other end into a USB power adapter (not included) or a computer's USB port. The charging indicator light will provide feedback on the charging status. A full charge typically takes approximately 2 hours and provides up to 30 hours of continuous scanning operation.

2. Connecting the Scanner

The NT-1228BC offers three connection modes:

2.1. Bluetooth Connection (Wireless)

1. Ensure the scanner is powered on.
2. Press and hold the trigger button on the scanner for a few seconds until it enters pairing mode (indicated by a specific light or sound, refer to scanner's LED indicator guide if available).
3. On your host device (smartphone, tablet, PC), navigate to the Bluetooth settings.
4. Search for available Bluetooth devices. The scanner should appear as "NETUM Barcode Scanner" or similar.
5. Select the scanner from the list to pair. Once paired, the scanner will emit a confirmation sound or light.
6. The scanner supports both HID (Human Interface Device) and SPP (Serial Port Profile) modes. The default mode is usually HID, which functions like a keyboard input. If your application requires SPP, consult the full user guide for mode switching instructions.

2.2. 2.4G Wireless Connection (with Receiver)

1. Plug the provided 2.4G wireless receiver into an available USB port on your computer or host device.
2. Power on the barcode scanner.
3. The scanner and receiver should automatically pair within a few seconds. A successful connection is typically indicated by a solid light on the receiver or a confirmation sound from the scanner.
4. No additional drivers are usually required for this mode.

2.3. Wired Connection (USB Cable)

1. Connect one end of the USB cable to the scanner's data port.
2. Connect the other end of the USB cable to an available USB port on your computer.
3. The scanner will be recognized as a standard input device (like a keyboard) and will be ready for use. This mode also charges the scanner.

OPERATING THE SCANNER

Basic Scanning Procedure:

1. Ensure the scanner is connected to your host device via your preferred method (Bluetooth, 2.4G Wireless, or Wired).
2. Open an application on your host device where you want the scanned data to appear (e.g., a text editor, spreadsheet, or POS software).
3. Point the scanning window of the NT-1228BC at the 1D barcode you wish to scan.
4. Press the blue trigger button. A red scanning beam will be emitted.
5. Position the scanner so that the red beam crosses the entire barcode. A successful scan will be indicated by a beep and/or a change in the scanner's indicator light.
6. The scanned barcode data will then appear in your active application on the host device.

Scanning from Screens and Difficult Barcodes:

Thanks to its CCD sensor engine, the NT-1228BC is particularly effective at reading 1D barcodes directly from digital displays (e.g., smartphone screens, computer monitors) and even from barcodes that are poorly printed or have minor surface damage. Ensure the screen brightness is adequate for optimal scanning performance.

MAINTENANCE

Cleaning the Scanner:

- Regularly clean the scanning window with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the scanner's surface or internal components.
- Keep the scanner free from dust and debris, especially around the trigger and ports.

Battery Care:

- To prolong battery life, avoid fully discharging the battery frequently.
- If storing the scanner for an extended period, charge the battery to approximately 50% before storage and recharge it every few months to prevent deep discharge.
- Use only the provided USB charging cable or a compatible cable for charging.

Storage:

Store the scanner in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. Protect it from physical shocks and drops.

TROUBLESHOOTING

This section addresses common issues you might encounter with your NETUM NT-1228BC barcode scanner.

Problem	Possible Cause	Solution
Scanner does not power on.	Battery is depleted.	Charge the scanner for at least 2 hours using the provided USB cable.

Problem	Possible Cause	Solution
Scanner does not connect via Bluetooth.	Scanner not in pairing mode; Bluetooth disabled on host device; Interference.	Ensure scanner is in pairing mode. Verify Bluetooth is enabled on your device. Try re-pairing. Move closer to the host device.
Scanner does not connect via 2.4G Wireless.	Receiver not properly inserted; Scanner not paired with receiver.	Ensure the 2.4G receiver is fully inserted into a USB port. Power cycle the scanner.
Scanned data does not appear on screen.	Scanner not connected; Incorrect application focus; Barcode not readable.	Verify connection status. Click into the text field of your application. Ensure the barcode is 1D and clearly visible.
Scanner beeps but no data is transmitted.	Connection issue; Incorrect HID/SPP mode.	Re-establish connection. If using SPP, ensure your application is configured to receive data from the serial port.
Scanner reads 1D barcodes but not 2D/QR codes.	This model only supports 1D barcodes.	This is expected behavior. The NT-1228BC is a 1D-only scanner.

If you encounter issues not listed here or if the suggested solutions do not resolve your problem, please refer to the manufacturer's official support channels.

SPECIFICATIONS

Feature	Detail
Model	NT-1228BC
Scanning Technology	CCD (Charge-Coupled Device)
Supported Barcode Types	1D Barcodes (e.g., UPC/EAN, Code 128, Code 39, Interleaved 2 of 5, etc.)
Connectivity	Bluetooth, 2.4G Wireless (via USB receiver), Wired USB
Compatibility	Windows, Mac OS, Android, iOS
Battery Capacity	2000mAh
Operating Time	Up to 30 hours (continuous scanning)
Charging Time	Approximately 2 hours
Power Source	Battery Powered, Corded Electric (via USB)
Manufacturer	NETUM

WARRANTY AND SUPPORT

For detailed information regarding the product warranty, including terms, conditions, and duration, please refer to the warranty card included with your product packaging or visit the official NETUM website. Warranty policies may vary by region and retailer.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact NETUM customer service directly. Contact information can typically be found on the manufacturer's website or on the product packaging.

Note: Always retain your proof of purchase for warranty claims.

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Product specifications are subject to change without notice.