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NETUM S5

NETUM S5 Wired Barcode Scanner User Manual

1. Introduction

This manual provides essential instructions for the proper setup, operation, and maintenance of your NETUM S5 Wired Barcode Scanner. Please read this guide thoroughly before using the device to ensure optimal performance and longevity. The NETUM S5 is designed for reliable and efficient barcode scanning in various environments, connecting directly to your computer via USB.

2. Product Overview

The NETUM S5 is a high-performance wired barcode scanner capable of reading both 1D and 2D barcodes. It features advanced 32-bit duplex ARM+DSP digital signal processing technology for fast data transfer and decoding. Its robust design ensures durability, capable of withstanding drops from 1.5 meters (5 feet).

Key Features:

- **Connectivity:** USB cable connection, Plug and Play.
- **Decoding Technology:** Advanced 32-bit duplex ARM+DSP digital signal processing.
- **Internal Memory:** 256 KB, capable of storing over 2600 data strings for offline scanning.
- **Language Support:** English, French, German, Spanish, Italian.
- **Durability:** Designed to survive falls from 1.5 meters (5 feet).
- **Indications:** Sound (beeper) and LED for power and operating status.



Figure 2.1: Front view of the NETUM S5 Wired Barcode Scanner. The image displays the scanner's ergonomic handle, the orange trigger button, and the scanning window at the top, which houses the CCD sensor and light source.

3. Setup

The NETUM S5 barcode scanner is designed for simple plug-and-play operation, requiring no complex driver installations for most operating systems.

Connecting the Scanner:

1. Locate the USB cable provided with your scanner.
2. Connect the micro USB end of the cable to the port at the base of the scanner handle.
3. Plug the standard USB-A end of the cable into an available USB port on your Windows PC (Desktop or Laptop).
4. The operating system will automatically detect and install the necessary drivers. A confirmation sound or LED indicator on the scanner will signal successful connection and readiness for use.

4. Operating Instructions

Once connected, the NETUM S5 scanner is ready to read barcodes. Ensure the application where you intend to input scanned data (e.g., a text editor, spreadsheet, or POS software) is open and ready to receive input.

Scanning a Barcode:

1. Hold the scanner firmly in your hand.
2. Point the scanning window towards the barcode you wish to read.
3. Press and hold the trigger button located on the handle. A light will emit from the scanning window.
4. Position the light beam to cover the entire barcode.
5. Upon successful decode, the scanner will emit a beep sound, and the LED indicator will flash. The barcode data will then appear in your active application.
6. Release the trigger button.

Supported Barcode Symbologies:

The NETUM S5 supports a wide range of 1D and 2D barcode types, including but not limited to:

- **1D:** Code 11, Code 93, MSI, Code 128, UCC/EAN-128, Code39, EAN-28, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, 2/5 Matrix.
- **2D:** Code car (likely refers to common 2D codes like QR Code, Data Matrix, PDF417).

The scanner operates in either auto-off mode or manual mode, depending on its configuration. For specific configuration settings (e.g., continuous scanning, prefix/suffix addition), refer to the programming barcodes provided in the full product manual (if applicable).

5. Maintenance

Proper maintenance ensures the longevity and consistent performance of your NETUM S5 barcode scanner.

Cleaning:

- Regularly clean the scanning window with a soft, lint-free cloth.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaning solution. Do not spray liquids directly onto the scanner.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the scanner's casing and scanning window.

Storage:

When not in use, store the scanner in a clean, dry environment away from extreme temperatures and direct sunlight.

Durability:

The NETUM S5 is built to be robust, designed to withstand drops from a height of 1.5 meters (5 feet). However, repeated or severe impacts should be avoided to prevent potential damage to internal components.

6. Troubleshooting

If you encounter issues with your NETUM S5 barcode scanner, refer to the following common troubleshooting steps:

Scanner Not Reading Barcodes:

- **Check Connection:** Ensure the USB cable is securely connected to both the scanner and the computer. Try a different USB port.
- **Clean Scanning Window:** Dust or smudges on the scanning window can interfere with reading. Clean it as described in the Maintenance section.
- **Barcode Quality:** Ensure the barcode is not damaged, smudged, or poorly printed.
- **Aiming:** Make sure the light beam fully covers the barcode.
- **Application Focus:** Verify that the target application (e.g., Notepad, Excel) is active and ready to receive input.

No Power/No Indication:

- **USB Power:** Confirm the USB port on your computer is functional and providing power. Try connecting other USB devices to the port.
- **Cable Integrity:** Inspect the USB cable for any signs of damage. Try using a different compatible USB cable if available.

Incorrect Data Output:

- **Language Settings:** If characters are incorrect, ensure your computer's keyboard layout matches the scanner's configured language (e.g., English, French, German, Spanish, Italian).
- **Configuration:** The scanner might be configured with specific prefixes or suffixes. Refer to the full product manual for factory reset or configuration barcodes.

If problems persist after attempting these steps, please contact customer support.

7. Specifications

Light Source	CCD 650+/-20nm
Decode Capability	1D: Code 11, Code 93, MSI, Code 128, UCC/EAN-128, Code39, EAN-28, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, 2/5 Matrix 2D: Code car (e.g., QR Code, Data Matrix, PDF417)
Resolution	4 mil
Nominal Working Distance	6-30 cm
Decode Rate	200 decodes per second
Scan Width	30 mm
Decode Mode	Single-line aiming
Scan Code Mode	Auto off mode / Manual mode
Print Contrast Minimum	30%

Scan Angles	Roll 30°, Pitch 75°, Yaw 65°
Cylinder Horizontal Scan	Diameter 35 mm
Indication	Beeper, LED
Interfaces Supported	USB 2.0
Processor	ARM 7 72Mhz
EEPROM	256K (stores three thousand barcodes)
Compatible Devices	Desktop, Laptop (Windows PC)
Power Source	Corded Electric (via USB)

8. Warranty and Support

Warranty Information:

The NETUM S5 Wired Barcode Scanner comes with a **3 MONTHS WARRANTY** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting, or warranty inquiries, please contact our support team:

- **Email:** megaaelectronics@gmail.com

When contacting support, please provide your product model (NETUM S5) and a detailed description of the issue.

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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.

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