

[Manuals.plus](#) /

› [NETUM](#) /

› NETUM E800 Bluetooth 2D Barcode Scanner User Manual

NETUM E800

NETUM E800 Bluetooth 2D Barcode Scanner User Manual

Model: E800

1. INTRODUCTION

The NETUM E800 is a versatile 3-in-1 portable 2D barcode scanner designed for efficient data capture in various environments such as warehouses, retail points of sale (POS), and inventory management. Its compact design allows for both handheld and back-clip use with mobile devices, enhancing operational flexibility.

This manual provides detailed instructions for setting up, operating, and maintaining your NETUM E800 barcode scanner.



Image: NETUM E800 Barcode Scanner with its accessories, including a USB dongle and charging cables.

2. PACKAGE CONTENTS

- NETUM E800 2D Barcode Scanner
- USB Charging Cable (Type-C)
- 2.4G Wireless USB Dongle
- Back Clip Attachment with 3M Tape
- Lanyard with Retractable Clip
- User Manual (this document)



Image: The retail packaging for the NETUM E800 Barcode Scanner, indicating the product inside.

3. PRODUCT OVERVIEW

The E800 scanner features a compact and lightweight design, making it highly portable. It includes a scan window, trigger button, and various ports for connectivity and charging.

Mini Structure & Light Weight Design

Ultra portable appearance design, can be conveniently placed in your pocket or held in your hand



Image: Visual representation of the NETUM E800 scanner's dimensions (87mm length, 53mm width, 19.5mm thickness) and weight (53g), highlighting its portability.

4. SETUP

4.1 Charging the Scanner

Before first use, fully charge the scanner using the provided USB Type-C cable. Connect the cable to the scanner's charging port and a USB power source (e.g., computer USB port, wall adapter). The LED indicator will show charging status.

The scanner is equipped with a 1200mAh rechargeable battery, providing over 8 hours of continuous scanning on a full charge.

4.2 Connection Modes

The NETUM E800 supports three primary connection methods:

1. Bluetooth Connection:

Ideal for connecting to mobile devices (iOS, Android tablets, iPhones, iPads) and computers (laptops, PCs). The transmission distance is approximately 20m (66ft) in an environment with obstacles. Supports Bluetooth HID, SPP, and BLE modes.

2. 2.4G Wireless Connection:

Connects to your device via the included USB dongle. Compatible with Windows XP/7/8/10, Mac OS, and Linux. The transmission range can reach up to 100m (330ft) in obstacle-free environments.

3. USB Wired Connection:

Connect the scanner directly to your device using the USB cable. In wired mode, you can scan barcodes while the device is charging. Compatible with Windows, Mac OS, and Linux.

3 Connection Ways

Flexible connectivity options can be chosen based on different application scenarios

2.4Ghz Wireless Mode

 Win 7/8/10
 MAC OS
 Linux





2.4Ghz Mode:
Max 100m / 330ft



Bluetooth Mode

 iOS / MAC OS
 Android





Bluetooth Mode:
Max 10m / 33ft



USB Wired Mode

 Win 7/8/10
 MAC OS
 Linux



USB Wired Mode:
Max 1.2M



Image: Illustration of the three connectivity options: 2.4GHz Wireless, Bluetooth, and USB Wired, along with compatible operating systems and typical transmission ranges.

4.3 Attaching to a Mobile Device (Back Clip)

The E800 can be used as a back-clip barcode scanner, attaching directly to your mobile phone for one-handed operation.

This is particularly useful for mobile business applications.

1. Peel off the protective film from the 3M tape on the back clip attachment.
2. Align and firmly press the back clip onto the back of your mobile phone.
3. Slide the NETUM E800 scanner into the back clip until it clicks securely into place.
4. To remove, gently push the scanner out of the clip.



Image: Step-by-step guide demonstrating how to attach the NETUM E800 scanner to a smartphone using the adhesive back clip.

5. OPERATING INSTRUCTIONS

5.1 Scanning Modes

The E800 supports two primary scanning modes:

- **Manual Trigger Mode:** Press the trigger button to initiate a scan.
- **Continuous Scanning Mode:** The scanner automatically reads barcodes once detected, without needing to press the trigger. This mode can be activated by scanning a specific setting barcode in the manual.

TWO WAYS TO USE

Support manual trigger / continuous scanning mode
The scanner will automatically read the barcode once the barcode is detected.
There is no need to press the trigger.



Image: Depiction of the two main usage methods for the NETUM E800: as a clip-on attachment for mobile devices and as a standalone handheld scanner.

Your browser does not support the video tag.

Video: Demonstrates the NETUM E800 barcode scanner in action, showcasing its portability, ease of attachment to a phone, and scanning capabilities in both manual and continuous modes.

5.2 Supported Barcode Types

The NETUM E800 is capable of capturing most 1D and 2D barcodes, whether printed on labels or displayed on screens. This includes:

- **1D Barcodes:** UPC-A/UPC-E, EAN13/EAN8/ISBN/ISSN, Code128/GS-128, Code39, Code93, Code32, Code11, Codabar, MSI PLSEEY, ITF25, STD25, Matrix25, IND25, HK25, Pharma code, Telepen, Trioptic code, Brazilian bank code, Postal Code, GS1 Databar, GS1 Composite code.
- **2D Barcodes:** QR Code/Micro QR, Data Matrix, PDF417/Micro PDF417, Aztec, Maxicode, Hanxin.

Note: GS1 code is not supported.

Upgraded high-precision scan engine



Can easily scan various types of 1D and 2D barcodes



Blurred barcodes



Colorful barcode



Damaged



Aztec Code



Data Matrix



Image: The scanner's advanced scan engine demonstrating its ability to read various barcode conditions, including blurred, colorful, and damaged barcodes, as well as Aztec Code and Data Matrix.

5.3 Advanced Features

- **Timestamp Function:** Supports uploading timestamps, allowing you to add time as a prefix or suffix to scanned data for record-keeping.
- **Customization:** Various settings can be adjusted by scanning specific configuration barcodes found in the full user manual.
- **Volume Adjustable:** Adjust the scanner's feedback volume.



Image: Overview of the scanner's features, such as timestamp retrieval, customization options, multiple trigger modes, storage capabilities, language support, adjustable scanning speed, prefix/suffix addition, and volume control.

6. SPECIFICATIONS

Category	Specification
Model Number	E800
Product Dimensions	3.43 x 2.09 x 0.79 inches
Item Weight	7.1 ounces
Batteries	1 Lithium Metal battery required (included)
Power Source	Battery Powered

Category	Specification
Connectivity Technology	Bluetooth, 2.4G Wireless, USB Wired
Compatible Devices	Smartphones, Tablets, Notebooks, Desktop Computers (iOS, Android, Windows, Mac OS, Linux)
Resolution	640x480
Lighting	White LED 6500k
Focus	Red LED 625nm
Scan Angle	360° rotation, elevation ± 60°, declination ± 60°
Field of View Angle	42° horizontally, 31° vertically
Contrast	≥25%
Charging Input	5V 2A
RTC Clock	Supports uploading timestamps

7. MAINTENANCE

- Keep the scanner clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Protect the scan window from scratches and dust to ensure optimal scanning performance.
- Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure the battery is charged regularly, even if not in frequent use, to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause / Solution
Scanner not turning on	Battery might be depleted. Charge the scanner for at least 2 hours. Ensure the power button is pressed correctly.
Unable to connect via Bluetooth	Ensure Bluetooth is enabled on your host device. Make sure the scanner is in Bluetooth pairing mode. Delete previous pairings and try reconnecting. Ensure the scanner is within range.
Scanner not reading barcodes	Ensure the barcode is not damaged or poorly printed. Check if the barcode type is supported (e.g., GS1 codes are not supported). Adjust the distance and angle of the scanner to the barcode. Clean the scan window if it's dirty.
Scanned data is incorrect or incomplete	Verify the scanner's configuration settings (e.g., prefix/suffix, data format). Ensure the barcode is fully within the scan area.
Short battery life	Ensure the scanner is fully charged before use. Reduce continuous scanning time if not needed. Battery performance may degrade over time.

For further assistance, please refer to the comprehensive troubleshooting section in the full product manual or contact NETUM customer support.

9. WARRANTY AND SUPPORT

The NETUM E800 Barcode Scanner comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any inquiries regarding your product, please contact NETUM customer service through the official channels provided at the point of purchase or on the NETUM website.

Developer support is also available for specific integration needs.

© 2024 NETUM. All rights reserved.
Product Model: E800

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