

LENVII R777

LENVII R777 Portable Bluetooth 2D Barcode Scanner User Manual

Model: R777 | Brand: LENVII

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your LENVII R777 Portable Bluetooth 2D Barcode Scanner. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



The LENVII R777 Portable Bluetooth 2D Barcode Scanner, shown with its accompanying USB cables and wireless dongle, designed for versatile data capture.

2. PRODUCT FEATURES AND APPEARANCE

The LENVII R777 is a compact and lightweight barcode scanner designed for efficiency and portability. It features an LCD screen for real-time information display and multiple connectivity options.

- **Dimensions:** 135mm (Length) x 51mm (Width) x 40mm (Height)
- **Weight:** 104 grams
- **LCD Screen:** Displays connection mode, storage mode, battery level, and scanned content.
- **Indicator:** Blue LED light for operational status.



The scanner's LCD screen provides essential information at a glance, including connection status, storage mode, remaining battery, and details of the scanned barcode.

3. SETUP AND CONNECTION MODES

The LENVII R777 offers three versatile connection modes to suit various environments and devices:

- **2.4G Wireless Connection:** Utilizes the included USB adapter for a stable wireless connection.
- **Bluetooth Connection:** Connects wirelessly to Bluetooth-enabled devices.
- **Wired Connection:** Connects directly via the USB Type-C cable.

The scanner is compatible with a wide range of operating systems, including Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, and iOS.

3 IN 1 CONNECTION MODES

plug and play, no need to install drivers.



The LENVII R777 supports three distinct connection methods: 2.4GHz wireless via a dongle, direct USB wired connection, and Bluetooth, ensuring broad compatibility with various devices.

HIGH COMPATIBILITY

easily connect to pc, pos, laptop, tablet, iPad, smart phone



windows 7/8/10/xp



ios



android



mac os



linux



The scanner is highly compatible with major operating systems including Windows, iOS, Android, Mac OS, and Linux, making it suitable for diverse computing environments.

Connection Demonstration Video

Your browser does not support the video tag. This video demonstrates the various connection methods (2.4G wireless, USB wired, and Bluetooth) and basic scanning functionality of the LENVII R777 barcode scanner.

4. OPERATING INSTRUCTIONS

Scanning Barcodes

The LENVII R777 supports a wide array of 1D and 2D barcode types, ensuring comprehensive scanning capabilities for various applications.

- **1D Barcodes:** UPC/EAN/JAN, UPC-A and UPC-E, EAN-8 and EAN-13, JAN-8 and JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128, Code 93, Interleaved 2 of 5 (ITF), Appendix 2 of 5 IATA code, MSI/Plessey, Chinese postal code, Code 32 (Italian Pharmacopoeia), RSS 14, RSS Limited, RSS extension.

- **2D Barcodes:** QR code, Data Matrix, PDF417, Aztec, Maxicode, GS1 DataBar stack.

SUPPORTS VARIOUS SCANS 1D/2D QR CODE TYPES



One dimensional barcode



Incomplete code



High density code



Deformation code



Border code



PDF417



Minitype code



QR code



DataMatrix

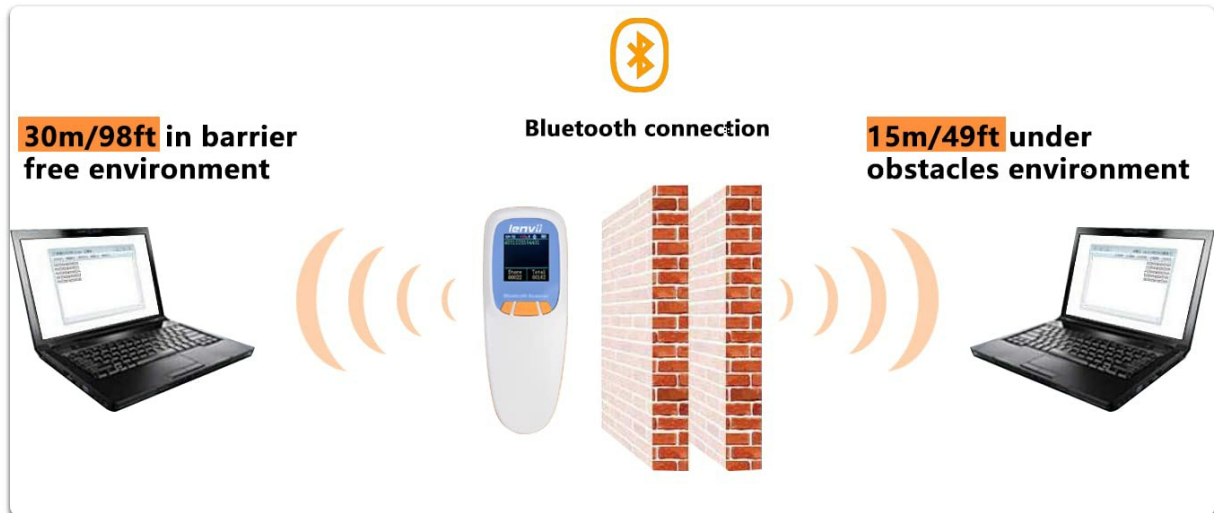
The scanner is capable of reading a diverse range of 1D and 2D barcode formats, including standard linear barcodes, QR codes, and Data Matrix codes.

Data Transfer Modes

The scanner offers two primary data transfer modes:

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device.
- **Offline Storage Mode:** Data is stored in the scanner's internal 16MB memory (capable of storing up to 35,000 EAN 13 codes) and can be uploaded later.

Super Long Transmission Distance



Choose between instant data upload for real-time inventory updates or offline storage for batch processing, providing flexibility in various work environments.

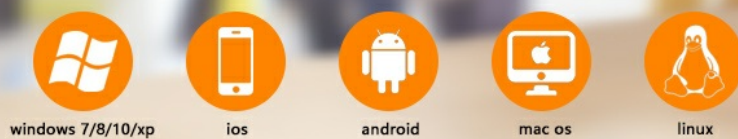
Custom Prefix/Suffix

The LENVII R777 allows for the addition of custom prefixes or suffixes to scanned barcode data, enhancing data organization and integration with existing systems.

Wireless Mini Color Screen Bluetooth Barcode Scanner

High-speed scanning & smart screen display

- 1D & 2D QR CODE
- 3 IN 1 CONNECTION



The scanner supports custom prefix and suffix settings, allowing users to add specific characters before or after scanned barcode data for improved data management.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LENVII R777 barcode scanner, follow these maintenance guidelines:

- Keep the scanner clean by wiping it with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Protect the scanning window from scratches and dirt.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Charge the battery regularly, even if not in use, to maintain battery health.

6. TROUBLESHOOTING

If you encounter issues with your LENVII R777 scanner, consider the following common solutions:

- **Scanner not connecting:** Ensure the scanner is in the correct connection mode (2.4G, Bluetooth, or Wired) and that the receiving device's settings are configured properly. For Bluetooth, ensure it's discoverable and paired. For 2.4G, ensure the dongle is securely plugged in.
- **No scan output:** Check if the scanner is fully charged. Ensure the barcode is clean, undamaged, and within the scanner's optimal reading range and angle.
- **Incorrect data output:** Verify the scanner's settings for prefix/suffix and data format. Ensure the connected application is ready to receive input.
- **Battery draining quickly:** Reduce screen brightness if possible, and ensure the scanner is not left in an active scanning mode when not in use.

For persistent issues, please refer to the support contact information provided in Section 8.

7. SPECIFICATIONS

Feature	Description
Image (pixels)	640 pixels (horizontal) * 480 pixels (vertical)
Light Source	Aiming: 617 nm LED; Illumination: 4000K LED
Image Sensor	CMOS
Scanning Speed	30fps/s
Filling Depth	40-200mm @ UPC/EAN13mil PCS = 90%; 20-250mm @ QR 20mil PCS = 100%
Scanning Angle	Elevation angle 65° / Tilt angle 30° / Deflection angle 55°
Field of View	Horizontal 34°, Vertical 28°
Reading Resolution	Exceeds 5 million
Print Contrast	Exceeds 25%
Visual Indicator	Blue LED light, Red charging light, and Buzzer
Communication Modes	2.4G, Blue BLE4.0, and TypeC
Communication Distance	2.4G: 100 meters (open air), Bluetooth: 40 meters (open air)
Memory Capacity	Up to 512000 bits (35000 EAN 13 codes)
Size	135mm * 51mm * 40mm (length * width * height)
Weight	104 grams
Material	ABS + PC
Cable	TypeC cable
Input Voltage	5VDC±10%
Working Current	400mA
Battery	Rechargeable lithium battery 1500mAh
Charging Model	C-type cable charging
Drop Durability	Can withstand a drop of 2 meters



The scanner is equipped with a 1500 mAh battery, providing extended operational time and efficient charging.

8. PACKAGE CONTENTS

Upon opening the box, you should find the following items:

- LENVII R777 Mini Barcode Scanner
- USB/Type-C Cable
- Bluetooth/Wireless Receiver (USB Dongle)
- User Manual (this document)
- Lanyard



The complete package includes the LENVII R777 scanner, a USB cable for charging and wired connection, and a wireless dongle for 2.4G connectivity.

9. WARRANTY AND SUPPORT

For any technical assistance, product inquiries, or support needs, please contact LENVII customer service:





- **Email:** lenvii@lenvii.net
- **Manufacturer:** COOLPLAY TECHNOLOGY PRIVATE LIMITED



LENVII provides professional technical support. Contact details are available for assistance.

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Related Documents - R777

	<p>LENVII Pocket 2D Wireless Barcode Scanner User Manual</p> <p>User manual for the LENVII Pocket 2D Wireless Barcode Scanner, detailing its 2.4G, Bluetooth, and wired transmission modes, inventory and immediate modes, sound, shake, sleep, terminal settings, language options, and LED indicators.</p>
	<p>Pocket 2D Wireless Barcode Scanner User Manual Lenvii</p> <p>Comprehensive user manual for the Lenvii Pocket 2D Wireless Barcode Scanner, covering setup, transmission modes (2.4G, Bluetooth, Type-C), pairing, operational modes, settings, and notifications. Get detailed instructions for your wireless scanner.</p>
	<p>Lenvii 2D Barcode Scanner User Manual</p> <p>User manual for the Lenvii 2D Barcode Scanner, detailing setup, system settings, barcode types, reading modes, interface options, and connectivity configurations.</p>
	<p>Lenvii LV-480 Label Printer: Installation and Driver Setup Guide</p> <p>Comprehensive guide for installing the Lenvii LV-480 label printer and its drivers. Covers setup for Windows and Mac, driver download, connection, and configuration for seamless label printing operations.</p>

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