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NADAMOO Bur3121-P2-30

NADAMOO Bur3121-P2-30 2D Wireless Barcode Scanner User Manual

Model: Bur3121-P2-30 | Brand: NADAMOO

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your NADAMOO Bur3121-P2-30 2D Wireless Barcode Scanner. This device is designed for efficient scanning of 1D and 2D barcodes, offering versatile connectivity and a unique adjustable back clip for mobile phone integration.

PRODUCT FEATURES

- **Adjustable Back Clip Design:** The scanner features a retractable clip that allows it to be securely attached to mobile phones with lengths between 5.61-6.5 inches (13.5-16.5 cm). The clip includes anti-slip silicone to prevent damage to your phone.
- **Dual Usage Modes:** Can be used as a clip-on barcode scanner fixed behind a mobile phone for real-time data viewing, or as a standalone Bluetooth barcode scanner.
- **Bluetooth Connectivity:** Supports Bluetooth HID, SPP, and BLE modes, offering a wireless range of approximately 50 meters (164 feet) in open environments. Compatible with Windows, Mac OS, Android OS, and iOS devices.
- **Advanced 2D CMOS Sensor:** Equipped with a 300,000-pixel CMOS sensor for superior reading performance on both printed and screen-displayed 1D/2D barcodes.
- **Enhanced Decoding Capability:** Capable of reading damaged, distorted, colored, reflective, smudged, scratched, or poorly printed barcodes.
- **Supported Barcode Types:**
 - **1D Barcodes:** UPC/EAN, UPC/EAN with supplemental code, ISBN/ISSN, Code 128, GS1-128, GS1 DataBar, Code 39, Code32, Code11, Code 93, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, Codabar.
 - **2D Barcodes:** QR Code, PDF417, Data Matrix, Aztec. Also supports reading reverse 1D Code, QR Code, Data Matrix, Aztec (white barcode on black background).
- **Two Scanning Modes:**
 - **Manual Trigger Mode:** Press the trigger to scan.
 - **Self-sensing Mode:** The scanner automatically reads barcodes when detected, without needing to press the trigger.

- **Long-lasting Battery:** Features a 1200mAh battery for extended continuous use and standby time.

SETUP

1. Attaching to a Mobile Phone (Optional)

1. Ensure your mobile phone's length is between 5.61-6.5 inches (13.5-16.5 cm).
2. Gently extend the adjustable back clip of the scanner.
3. Position your phone within the clip, ensuring it is securely held by both the fixed top clip and the flexible bottom clip. The anti-slip silicone pads should protect your phone's surface.



Image: Universal Compatibility. This image illustrates the dimensions of the scanner's adjustable clip, showing it fits phones between 135mm (5.31 inches) and 165mm (6.5 inches) in length. Various views (side, back, top, front with phone) are provided for clarity.

2 Ways to Use

2 Scanning Design



Image: Two Ways to Use. This image demonstrates the two primary usage modes: installing the scanner behind a mobile phone for integrated use, and using the scanner alone as a handheld device.

2. Bluetooth Pairing

1. Power on the scanner.
2. On your host device (computer, tablet, or smartphone), enable Bluetooth and search for available devices.
3. Select "NADAMOO Scanner" or a similar identifier from the list of found devices.
4. Follow any on-screen prompts to complete the pairing process. The scanner supports Bluetooth HID, SPP, and BLE modes.

High Compatibility

Compatible with device that has Bluetooth

Bluetooth Range: Up to 50m /164ft in barrier-free environments.

Computer
Tablet
Smartphone

Window
Mac OS
Android
IOS



Scanner only connect one device at a time.

Image: High Compatibility. This image illustrates the scanner's compatibility with various devices including computers, tablets, and smartphones running Windows, Mac OS, Android, and iOS. It also indicates a Bluetooth range of up to 50m/164ft in barrier-free environments.

OPERATING INSTRUCTIONS

1. Scanning Barcodes

- **Manual Trigger Mode:** Aim the scanner at the barcode and press the trigger button. The scanner will emit a beep and/or vibrate upon successful scan.
- **Self-sensing Mode:** In this mode, simply present the barcode to the scanner's window. The scanner will automatically detect and read the barcode without requiring a trigger press.

Ensure the barcode is within the scanner's field of view and properly illuminated for optimal reading performance. The scanner can read various types of 1D and 2D barcodes, including those that are damaged, distorted, or printed on colored backgrounds.

Stronger Decoding Capability

Able to Read Colored, Damaged, Fuzzy Barcode



Image: Stronger Decoding Capability. This image demonstrates the scanner's ability to read various challenging barcode types, including those printed on colored backgrounds, colored barcodes, damaged barcodes, distortion barcodes, and blurred barcodes. Examples of each are shown.

2. Charging the Scanner

Connect the scanner to a power source using the provided charging cable. The indicator light will show charging status. A full charge provides extended operational time due to the 1200mAh battery.

1200mAh Battery

Longer Continuous Use and Standby Time

Battery Capacity:



Other Ordinary Scanner: 500mAh



Our Scanner: 1200mAh



Image: 1200mAh Battery. This image highlights the scanner's 1200mAh battery, emphasizing its longer continuous use and standby time compared to other ordinary scanners, which are depicted with a 500mAh capacity.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lens cleaning cloth and a mild cleaning solution if necessary. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the scanner regularly, even if not in active use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scanner does not power on.	Low battery or power issue.	Charge the scanner using the provided cable. Ensure the charging cable is properly connected to a power source.
Unable to pair via Bluetooth.	Bluetooth not enabled on host device, scanner not in pairing mode, or out of range.	<ul style="list-style-type: none"> Ensure Bluetooth is enabled on your computer, tablet, or smartphone. Verify the scanner is powered on and in pairing mode (refer to specific pairing instructions if available in a quick start guide). Move the scanner closer to the host device (within 50 meters/164 feet). Try restarting both the scanner and the host device.
Scanner not reading barcodes.	Barcode damaged/unreadable, incorrect scanning mode, or scanner window dirty.	<ul style="list-style-type: none"> Ensure the barcode is clear, well-lit, and not severely damaged. Check if the scanner is in the correct scanning mode (manual or self-sensing). Clean the scanner's optical window with a soft, lint-free cloth. Try scanning a different, known good barcode to test functionality.
Data not transmitting to device.	Bluetooth connection lost or incorrect application focus.	<ul style="list-style-type: none"> Verify the Bluetooth connection is active. Re-pair if necessary. Ensure the cursor is in the desired input field of your application on the host device.

SPECIFICATIONS

Feature	Detail
Model Number	Bur3121-P2-30
ASIN	B09KXPTHNX
Connectivity Technology	Bluetooth
Compatible Devices	Desktop, Laptop, Smartphone
Power Source	Battery Powered
Item Weight	4.4 ounces (125g)
Package Dimensions	6.89 x 4.84 x 1.5 inches
Sensor Type	CMOS (300,000 Pixels)

Feature	Detail
Battery Capacity	1200mAh
Phone Length Compatibility	5.61-6.5 inches / 13.5-16.5 cm

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your product or contact NADAMOO customer service through their official website or the platform where the product was purchased. Please have your model number (Bur3121-P2-30) and ASIN (B09KXPTHNX) ready when contacting support.

