Inateck BCST-47-BK

Inateck BCST-47 Wireless Barcode Scanner User Manual

Model: BCST-47-BK | Brand: Inateck

1. Introduction

The Inateck BCST-47 is a versatile and portable barcode scanner designed for efficient data collection in various environments, including warehouses, retail stores, and personal inventory management. It supports both 1D and 2D barcodes, including QR codes, and offers multiple connection options for broad compatibility. Equipped with a clear display and a long-lasting battery, the BCST-47 enhances productivity and simplifies scanning operations.



Figure 1.1: The Inateck BCST-47 is lightweight and portable, weighing only 105g, making it ideal for extended use.

2. Package Contents

Please check the package contents upon unboxing to ensure all items are present:

- Inateck BCST-47 Barcode Scanner Unit
- USB Charging Cable (Type-C)

- 2.4GHz Wireless USB Dongle
- Quick Start Guide (this manual)

3. Product Overview

Familiarize yourself with the key components of your Inateck BCST-47 barcode scanner:



Figure 3.1: Inateck BCST-47 Barcode Scanner with its accessories, including the USB dongle and charging cables.

- **Scan Window:** Located at the front, emits the scanning beam.
- **Scan Button:** Activates the scanning function.
- **Display Screen:** 1.4-inch TFT display for real-time feedback and status.
- **USB-C Port:** For charging and wired connection.
- **Strap Hole:** For attaching a wrist strap (not included).

4. Setup

4.1 Initial Charging

Before first use, fully charge the scanner. Connect the provided USB-C cable to the scanner's USB-C port and the other end to a USB power adapter (5V/1A recommended) or a computer's USB port. The display will indicate charging status. A full charge typically provides up to one week of continuous use due to its 2600mAh high-capacity battery.



Figure 4.1: The scanner features a 2600mAh high-capacity battery, providing extended operational time.

4.2 Connection Modes

The Inateck BCST-47 offers three versatile connection options:

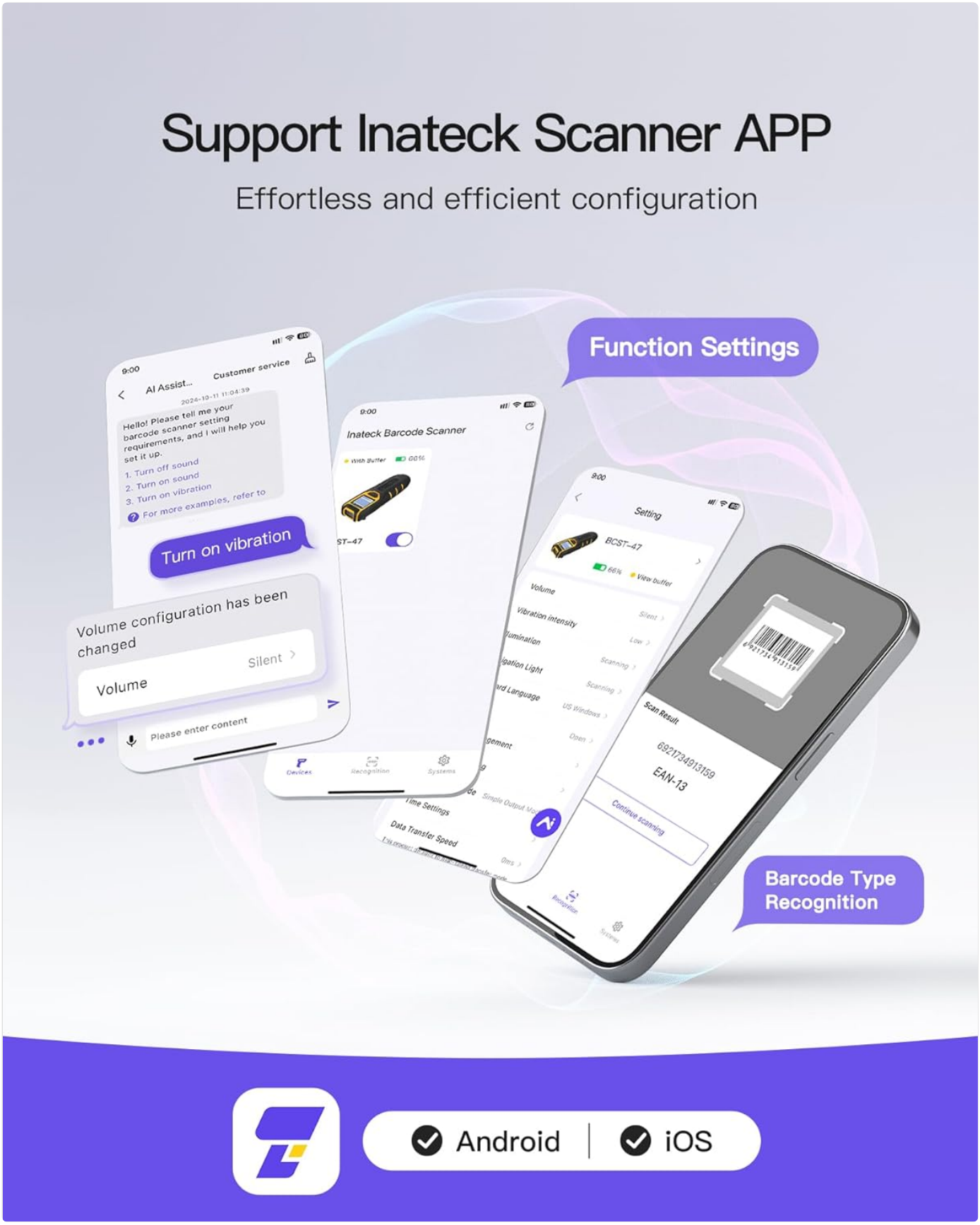


Figure 4.2: The BCST-47 supports USB wired, Bluetooth, and 2.4G wireless connections for broad compatibility.

4.2.1 2.4GHz Wireless Connection

This mode uses the included USB dongle for a stable wireless connection to your computer.

1. Plug the 2.4GHz USB dongle into an available USB port on your computer.
2. Turn on the barcode scanner by pressing and holding the scan button.
3. The scanner will automatically pair with the dongle. A successful connection is indicated by a specific sound and/or light on the scanner.

4.2.2 Bluetooth Connection

Connect the scanner wirelessly to Bluetooth-enabled devices like smartphones, tablets, or computers.

1. Ensure Bluetooth is enabled on your host device (e.g., smartphone, tablet, computer).
2. Turn on the scanner.
3. Scan the Bluetooth pairing barcode (usually found in the quick start guide or by accessing the scanner's settings via the app).
4. On your host device, search for Bluetooth devices and select "Inateck BCST-47" (or similar name) to pair.
5. Confirm pairing if prompted.

4.2.3 Wired USB Connection

For direct and reliable connection, use the USB cable.

1. Connect the USB-C end of the cable to the scanner and the USB-A end to your computer's USB port.
2. The scanner will be recognized as a HID keyboard device, allowing scanned data to be input directly into any text field.

Your browser does not support the video tag.

Video 4.1: An overview of the Inateck BCST-47 barcode scanner, demonstrating its lightweight design, scanning capabilities for various barcode types (1D, QR, colorful, inverted, stacked), real-time display feedback, APP control, and multiple connection options including 2.4G wireless, Bluetooth, and wired USB. It also highlights the large battery capacity.

5. Operating Instructions

5.1 Scanning Barcodes

The BCST-47 can read a wide range of 1D and 2D barcodes, including QR codes, from both paper and digital screens.



Figure 5.1: The scanner supports various 1D and 2D barcode types, including standard, QR, colorful, inverted, and stacked formats.

1. Point the scan window at the barcode you wish to scan.
2. Press the scan button. A red aiming beam will appear.
3. Ensure the barcode is within the aiming beam. A successful scan will be indicated by a beep, a vibration, and the scanned data appearing on the display.

5.2 Using the Display Screen

The 1.4-inch TFT display provides immediate feedback on your scans and scanner status.



Figure 5.2: The integrated display provides real-time scan feedback, showing scanned data and upload status.

- **Scanned Data:** View the barcode data immediately after scanning.
- **Connection Status:** Icons indicate Bluetooth, 2.4G, or wired connection status.
- **Battery Level:** Monitor the remaining battery life.
- **Upload Status:** See if data has been successfully uploaded or if there are pending scans (in inventory mode).

5.3 Inateck Scanner APP and SDK

The Inateck Scanner APP (available for Android and iOS) and SDK provide advanced configuration and customization options for your BCST-47.



Figure 5.3: The Inateck Scanner APP allows for effortless and efficient configuration of scanner settings.

- **Download the APP:** Search for "Inateck Scanner" on your device's app store.
- **Connect via APP:** Open the app and connect to your BCST-47 via Bluetooth.
- **Customize Settings:** Adjust volume, vibration intensity, illumination, navigation light, keyboard language, auto-off time, and more.
- **Data Management:** Configure cache management and data processing settings.

- **SDK:** For developers, the SDK allows integration of the scanner's functionality into custom applications.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the scanner's body. For the scan window, use a lens cleaning cloth to avoid scratches. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Store the scanner in a cool, dry place when not in use for extended periods. Recharge regularly, even if not in active use.
- **Storage:** Store the scanner in a safe place to prevent drops or impacts.

7. Troubleshooting

Problem	Possible Cause	Solution
Scanner does not turn on.	Low battery.	Charge the scanner for at least 2 hours.
No data output after scanning.	Not connected to host device; incorrect connection mode; barcode unreadable.	Ensure scanner is paired/connected. Check connection mode (Bluetooth, 2.4G, Wired). Ensure barcode is clear and well-lit. Try scanning a different barcode.
Bluetooth connection unstable.	Interference; out of range; host device issues.	Move closer to the host device. Avoid strong electromagnetic interference. Re-pair the scanner. Restart Bluetooth on the host device.
Scanner beeps but no data appears.	Output format issue; application not ready for input.	Ensure your cursor is in a text field or the target application is active. Check scanner settings via the APP for output format.

8. Specifications

Feature	Detail
Model Number	BCST-47-BK
Product Dimensions	5.31 x 1.8 x 1.11 inches
Item Weight	3.68 ounces
Battery Type	1 Lithium Ion battery (included)
Battery Capacity	2600mAh
Connectivity Technology	Bluetooth, USB, 2.4GHz Wireless
Compatible Devices	Windows, macOS, Linux, Android, iOS

Feature	Detail
Supported Barcode Types	Code 128, EAN-13, EAN-8, UPC-A, UPC-E, Code 39, Code 93, Codabar, Interleaved 2 of 5, Standard 2 of 5, Industrial 2 of 5, Matrix 2 of 5, IATA 2 of 5, MSI, Code 11, ISBN, ISSN, GS1 128, GS1 DataBar, GS1 DataBar Expanded, GS1 DataBar Limited, QR Code, PDF-417, Aztec Code, Maxi Code, Data Matrix, Han Xin Code
Manufacturer	Inateck
Country of Origin	China

9. Warranty and Support

Inateck products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the official Inateck website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Contact Information:

Website: www.inateck.com

Email: Refer to website for support email.

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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.

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Answered questions about this manual

How can I change the terminator character to a TAB on the Inateck BCST-47-BK barcode scanner?

To change the terminator (suffix) character to a TAB on your Inateck BCST-47-BK, you have two primary methods:Using the Inateck Scanner App: This is the most efficient method for this specific model. Download the...

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