

Topwise G1-B

Topwise G1-B 1D 2D Wireless Barcode Scanner User Manual

Model: G1-B | Brand: Topwise

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Topwise G1-B 1D 2D Wireless Barcode Scanner. Designed for versatility and efficiency, this scanner offers multiple connectivity options and robust barcode compatibility for various applications, including retail, logistics, and inventory management.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and in good condition. The standard package includes:

- Topwise G1-B Barcode Scanner
- Adjustable Holder/Stand
- USB Charging Cable
- USB Wireless Dongle (2.4G receiver)
- Instruction Manual

Your browser does not support the video tag.

Video: Topwise G1-B Barcode Scanner Unboxing. This video demonstrates the contents of the product package, including the scanner, holder, cables, and manual.



Image: The Topwise G1-B barcode scanner, its adjustable holder, USB charging cable, and USB wireless dongle, laid out on a white surface.

SETUP AND CONNECTIVITY

1. Assembling the Holder

The included holder is flexible and can be adjusted for optimal scanning angles. Ensure the screws are tightened for stability after adjusting the position.

Your browser does not support the video tag.

Video: Installation of G1-B Barcode Scanner Stand. This video demonstrates how to assemble and adjust the flexible holder for the barcode scanner.

2. Connecting the Scanner

The Topwise G1-B scanner offers three versatile connection methods:

- **2.4G Wireless Connection:** Insert the USB wireless dongle into your computer's USB port. The scanner will automatically connect, offering up to 100 meters (330 feet) of open-air transmission range.
- **Bluetooth Wireless Connection:** Enable Bluetooth on your device (laptop, PC, smartphone, tablet). Pair with "BARCODE SCANNER" or "topwise0001". This mode provides up to 50 meters (164 feet) indoors.
- **USB Wired Connection:** Connect the scanner directly to your computer using the provided USB cable. This is a plug-and-play connection, requiring no additional software or driver installations. The scanner can also be charged via this connection.

Your browser does not support the video tag.

Video: Topwise G1-B Bar Code Scanner 3 IN 1 Connection Way. This video illustrates the three connection methods: 2.4G wireless, Bluetooth, and USB wired, and how to set them up.

3 IN 1 CONNECTION WAYS

Plug & Play/No Driver Needed



Image: Visual representation of the scanner's 3-in-1 connectivity options and broad operating system compatibility.



Radio 2.4G

0-100m (barrier free environment)



Bluetooth

0-50m (barrier free environment)



Image: Illustration of the wireless transmission ranges for 2.4G and Bluetooth connections.

OPERATING MODES

The Topwise G1-B scanner supports various operating and pairing modes to suit different working environments:

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device. Ideal for real-time inventory updates or point-of-sale systems.
- **Storage Mode:** Scanned data is stored internally in the scanner's memory and can be uploaded later. Useful for batch scanning or when out of range of the connected device.
- **One-to-One Pairing:** A single scanner is paired with a single receiver/device.
- **More-to-One Pairing:** Multiple scanners can be paired to a single receiver/device, allowing for collaborative scanning.

Scanning Modes

The scanner offers three distinct scanning activation modes:

- **Auto-sensing Scanning Mode:** The scanner automatically detects a barcode within its field of view and scans it without requiring a trigger press.
- **Continuous Scanning Mode:** The scanner continuously emits its scanning beam, allowing for rapid, successive scans without individual trigger presses.
- **Key Trigger Mode:** The scanning beam is activated only when the trigger button on the scanner is pressed.

TWO UPLOAD MODES

Support Multi-Languages

Instant Upload Mode



Storage Mode



English



Spanish



German



Japanese



French



Italian

Image: Visual explanation of the Instant Upload and Storage modes, demonstrating how scanned data is handled.

3 Types of Scanning Modes

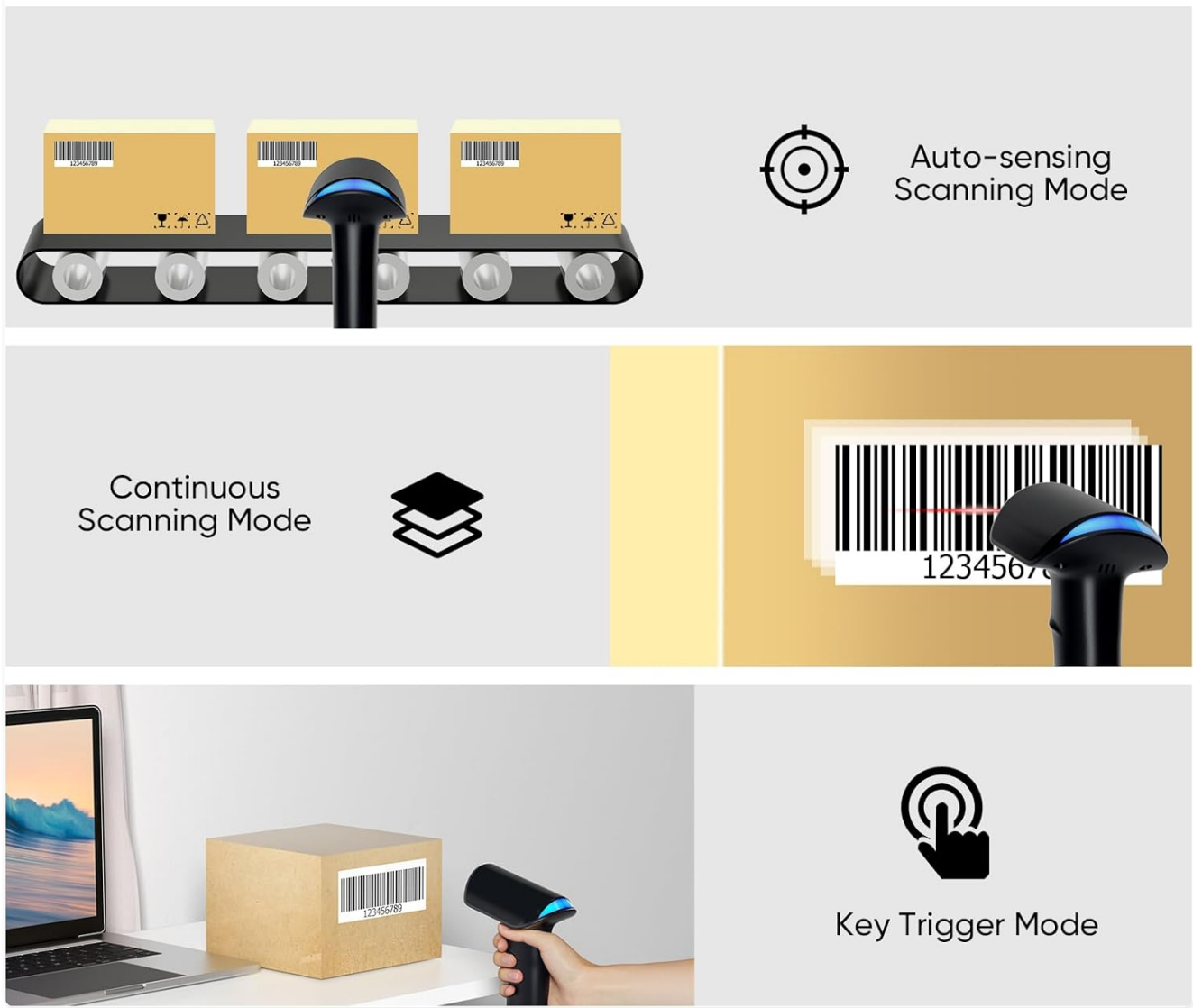


Image: Visual guide to the three available scanning modes for the device.

BARCODE COMPATIBILITY

The Topwise G1-B scanner is designed to read a broad range of 1D and 2D barcodes, including those on paper and digital screens. It supports mainstream barcode types such as EAN, QR Code, Data Matrix, and PDF 417. The advanced CMOS scanning technology allows it to read various conditions of barcodes, including:

- Damaged barcodes
- Fuzzy barcodes
- Colorful barcodes
- Reflective barcodes
- Barcodes displayed on screens (e.g., mobile phones, monitors)

ID 2D QR Code Readable

supports mainstream 2D & all 1D barcodes



EAN



QR Code



Data Matrix



PDF 417



Damaged barcode



Fuzzy barcode



Colorful barcode



Reflective barcode



Image: Examples of different barcode types and conditions that the scanner can read, highlighting its versatility.

BATTERY LIFE AND CHARGING

The Topwise G1-B is equipped with a powerful 2000mAh Lithium Ion battery, designed for extended use. A full charge typically takes 3-4 hours and allows for several days of continuous operation, significantly enhancing work efficiency.

- **Working Time:** Approximately 24 hours of continuous scanning.
- **Charging Time:** 3-4 hours for a full charge.
- **Standby Time:** Up to 150 days.

The scanner can be charged via the USB cable connected to a computer or a compatible USB power adapter.

2000mAh Lithium Ion Battery



≈24H

Working Time



3-4H

Charging Time



≈150 Days

Standby Time



Image: Information on the scanner's battery capacity and estimated usage times.

PROGRAMMABLE FEATURES

The Topwise G1-B barcode scanner offers several programmable features to customize its operation according to your needs. These settings are typically configured by scanning specific QR codes found in the detailed instruction manual (not included in this summary).

- **Support Prefix & Suffix:** Add custom characters before or after scanned barcode data.
- **Turn on/off the Buzzer:** Control the audible feedback for successful scans.
- **Turn on/off the Vibration:** Control the haptic feedback for successful scans.
- **Hide Front / End Characters:** Configure the scanner to omit a specified number of characters from the beginning or end of the scanned data.

Barcode Programmable

- 📄 Support Prefix & Suffix
- 🔊 Turn on/off the Buzzer
- 🔊× Turn on/off the Vibration

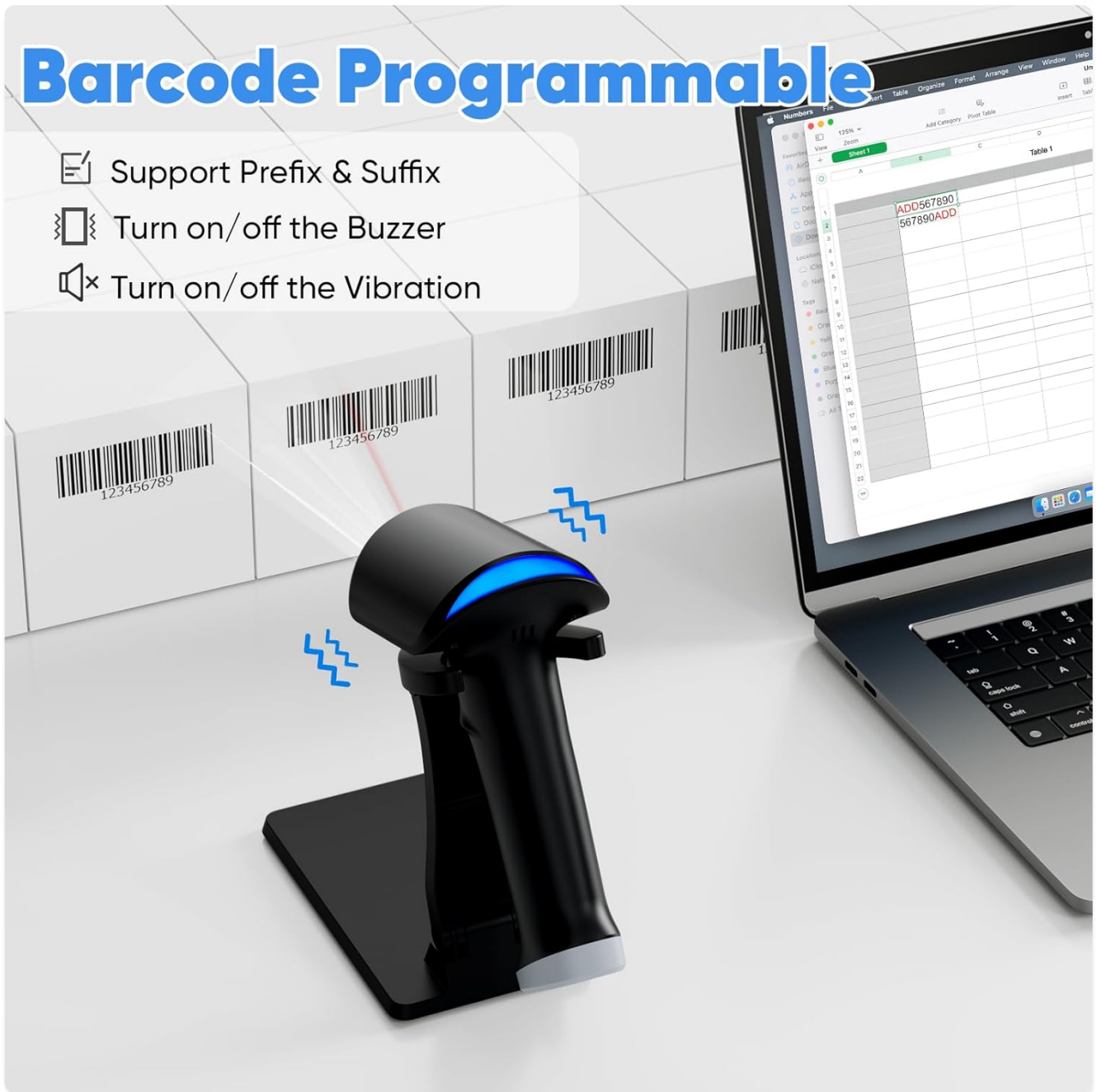


Image: Visual representation of the scanner's customizable features, including adding prefixes/suffixes and controlling feedback.

TROUBLESHOOTING

If you encounter issues with your Topwise G1-B barcode scanner, consider the following general troubleshooting steps:

- **No Scan/No Data Output:**

- Ensure the scanner is fully charged.
- Verify the connection method (2.4G dongle, Bluetooth, or USB cable) is properly established. For 2.4G, ensure the dongle is securely plugged in. For Bluetooth, confirm it's paired and connected in your device's settings.
- Check if the scanner is in the correct operating mode (e.g., Instant Upload Mode).
- Ensure the barcode is clear, undamaged, and within the scanner's optimal reading range and angle.

- **Continuous Beeping:**

- A continuous beep might indicate a low battery, a connection issue, or an error state. Try recharging the

scanner.

- Attempt to re-establish the connection (unplug/replug dongle, re-pair Bluetooth).
- Refer to the full instruction manual for specific error codes or beeping patterns.

• **Settings Not Applying (QR Codes):**

- Ensure you are scanning the QR codes accurately and completely.
- Some settings may require a specific sequence of scans or a restart of the scanner to take effect.
- If scanning from a screen, ensure the screen brightness is adequate and there is no glare.

• **Incorrect Data Output:**

- Check the programmable features (prefix/suffix, character hiding) to ensure they are not altering the data unintentionally.
- Verify the barcode type is fully supported and the scanner is configured for it if necessary.

For more detailed troubleshooting or advanced configurations, please consult the complete instruction manual provided with your product or contact Topwise customer support.

SPECIFICATIONS



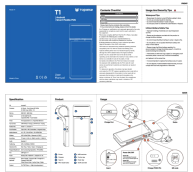


Feature	Detail
Model	G1-B
Brand	Topwise
Connectivity Technology	Wireless (2.4G, Bluetooth), Wired (USB)
Barcode Compatibility	1D and 2D barcodes (paper and screen)
Wireless Range (2.4G)	Up to 100 meters (330 feet) in open air
Wireless Range (Bluetooth)	Up to 50 meters (164 feet) indoors
Battery Type	1 Lithium Ion battery (included)
Battery Capacity	2000mAh
Charging Time	3-4 hours
Working Time	Approx. 24 hours (continuous scanning)
Standby Time	Up to 150 days
Compatible Devices	Laptop, Desktop (Windows, Linux, Mac OS, Android, iOS)
Item Weight	1.06 pounds
Package Dimensions	7.68 x 4.29 x 3.7 inches
Manufacturer	Topwise

Country of Origin	China
-------------------	-------

© 2024 Topwise. All rights reserved.

For further assistance, please refer to the full instruction manual or contact Topwise customer support.

Related Documents - G1-B

	<p>Topwise Payment Terminals, Scanners, Printers, and Cash Drawers</p> <p>Explore Topwise's comprehensive range of business solutions including advanced payment terminals, Android smart kiosks, desktop terminals, high-speed thermal printers, versatile 2D barcode scanners, smart mobile terminals, and durable cash register drawers. Discover Topwise's commitment to innovation and reliability in Fintech hardware.</p>
	<p>Topwise G2-B Wireless 2D Barcode Scanner Instruction Manual</p> <p>Instruction manual for the Topwise G2-B Wireless 2D Barcode Scanner, covering technical parameters, product features, installation, settings, and troubleshooting.</p>
	<p>Topwise T1 Android Smart Mobile POS User Manual</p> <p>Comprehensive user manual for the Topwise T1 Android Smart Mobile POS device. Covers device specifications, safety guidelines, FCC compliance, and operational usage instructions for card processing and charging.</p>
	<p>Topwise PR800 User's Manual: Miniature Direct Line Thermal Printer</p> <p>This user manual provides detailed information on the Topwise PR800 miniature direct line thermal printer, including its specifications, features, installation, operation, maintenance, and troubleshooting.</p>
	<p>Sycreader U2-B Wireless 2D Barcode Scanner Instruction Manual</p> <p>Comprehensive instruction manual for the Sycreader U2-B Wireless 2D Barcode Scanner, detailing its features, technical specifications, installation, configuration settings, troubleshooting, and maintenance. Includes FCC compliance information.</p>