Tera FTHK0177-2-JP

Tera Wireless Barcode Scanner (Model FTHK0177-2-JP) Instruction Manual

This manual provides detailed instructions for setting up, operating, and maintaining your Tera Wireless Barcode Scanner (Model FTHK0177-2-JP).

1. PRODUCT OVERVIEW

The Tera Wireless Barcode Scanner (Model FTHK0177-2-JP) is a versatile and efficient device designed for various scanning needs. It features a 1-million-pixel LED display, supports multiple connectivity options, and can read a wide range of 1D, 2D, and QR codes. Its ergonomic design and included charging stand make it suitable for diverse environments such as libraries, retail stores, offices, logistics, and warehouses.

Package Contents:

- Barcode Scanner Unit
- USB Cable
- 2.4GHz Wireless Receiver (Dongle)
- Charging Stand
- Instruction Manual (Japanese)

Note: A paper manual is not included in the package. For an electronic manual, please contact the seller or download it directly from the product page.

2. KEY FEATURES

- **LED Display:** Shows real-time information including time, connection mode, scan mode, battery level, scanned barcode content, accumulated count, and read count.
- **Multiple Connectivity Options:** Supports USB wired, 2.4GHz wireless, and Bluetooth connections for flexible use.
- **Broad Barcode Compatibility:** Reads 1D (JAN/EAN/UPC, ISSN, ISBN, CODABAR, CODE39, CODE128, GS1-128, CODE93, CODE11, MSI, interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, GS1) and 2D (QR Code, Data Matrix, PDF417, Aztec code, Maxicode) barcodes.
- **Time Stamp Function:** Ability to display the scanned time in applications like Excel or Word.
- **Multiple Scan Modes:** Includes trigger mode, auto-detection mode, and continuous scan mode.

- **Durability:** Designed to withstand drops from 1.5 meters.
- **Multi-language Keyboard Support:** Compatible with various keyboard layouts.

3. SETUP

3.1. Device Overview

Image: Close-up of the Tera Wireless Barcode Scanner's LED display, showing various indicators like time, connection mode, battery level, scanned data, and scan count. A power indicator light is also visible at the bottom.

3.2. Connection Methods

The scanner offers three ways to connect to your device: USB wired, 2.4GHz wireless, and Bluetooth. No special drivers are required for any connection method.

3つのスキャン読取方式変更可能 ハンズフリー

トリガーモード

自動検知モード

自動連続スキャンモード

自動スキャンモードとスタンドで
ハンズフリー使用可能

Image: Diagram illustrating the three connection methods: USB wired, 2.4GHz wireless via dongle, and Bluetooth, showing compatibility with iOS, Android, Windows, Mac OS, Linux, Cash Registers, PCs, Laptops, iPads, and Smartphones.

3.2.1. USB Wired Connection

1. Connect the USB cable to the scanner's USB port.
2. Plug the other end of the USB cable into an available USB port on your computer.
3. The scanner will automatically connect and be ready for use.

> Your browser does not support the video tag.

Video: Demonstrates the USB wired connection of the Tera HW0002 scanner to a laptop and scanning a barcode. It also highlights the scanner's ability to read dirty/damaged barcodes and complex QR codes.

3.2.2. 2.4GHz Wireless Connection

1. Insert the 2.4GHz wireless receiver (dongle) into a USB port on your computer.
2. The scanner will automatically pair with the dongle. A successful connection is usually indicated by a specific light pattern or sound from the scanner.

3.2.3. Bluetooth Connection

1. Turn on the scanner.
2. Enable Bluetooth on your host device (smartphone, tablet, or computer).
3. Search for available Bluetooth devices and select "CPRO barcode scanner" or a similar name.
4. Once paired, the scanner is ready for use.

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Video: Demonstrates the Bluetooth connection of the Tera HW0002 scanner to a smartphone and scanning a barcode. It also highlights the scanner's ability to read dirty/damaged barcodes and complex QR codes.

4. OPERATING MODES

The scanner supports various operating and scanning modes to suit different workflows.

4.1. Data Transmission Modes

The scanner offers two primary data transmission modes:

- **Instant Upload Mode:** Scanned barcodes are immediately transmitted to the connected device.
- **Storage Mode:** Scanned data is stored in the scanner's internal memory (up to approximately 50,000 barcodes) and can be uploaded to the computer later by scanning a specific upload barcode.

4.2. Scan Trigger Modes

豊富な機能

- ☑ 現在時刻をバーコードの先頭や末尾に付加可能
- ☑ ブザー、振動設定
- ☑ 大文字・小文字変換設定
- ☑ 2つのデータ送信設定（無線モードで）
- ☑ 3つのトリガースキャン方式
- ☑ 電源を切る時間設定
- ☑ キーボード言語設定
- ☑ ターミネータ（Enter、TAB）
- ☑ バーコード種類別オン/オフ設定

多国言語キーボード対応

英語　　スペイン語　ドイツ語　日本語　フランス語　イタリア語

Image: Illustration of three scan trigger modes: Trigger Mode (manual press), Auto-Detection Mode (scans when a barcode is detected), and Continuous Scan Mode (continuously scans). The image also shows the scanner used with a stand for hands-free operation.

- **Trigger Mode:** Press the trigger button to scan each barcode.
- **Auto-Detection Mode:** The scanner automatically detects and scans barcodes when they are presented within its scanning range.
- **Continuous Scan Mode:** The scanner continuously emits a scan beam, reading any barcode that passes through it.

The scanner can also be used hands-free with the included charging stand, which supports auto-detection or continuous scan modes.

5. LED DISPLAY INFORMATION

The integrated LED display provides real-time feedback on the scanner's status and scanned data.

2種類の無線モードデータ送信設定

即時送信モード
スキャンしたバーコードをすぐに受信端末へ送信します。

データ蓄積モード
読み取ったデータはバーコードリーダー内部のメモリに保存されます。
１つ設定バーコードをスキャンすることで、保存したデータをパソコンに送信します。
約5万件のバーコードを保存することができます。

Image: Detailed view of the LED display on the Tera Wireless Barcode Scanner, pointing out indicators for current time, connection mode, scan mode, battery level, scanned barcode content, accumulated data count, and read count.

- **Time:** Displays the current time.
- **Connection Mode:** Indicates the active connection type (e.g., USB, 2.4G, Bluetooth).
- **Scan Mode:** Shows the current scan trigger mode.
- **Battery Level:** Displays the remaining battery charge.
- **Scanned Barcode Content:** Shows the data of the last scanned barcode.
- **Accumulated Count:** Tracks the total number of barcodes stored in memory (in storage mode).
- **Read Count:** Shows the total number of barcodes scanned.

6. BARCODE COMPATIBILITY

The Tera Wireless Barcode Scanner is designed to read a comprehensive range of 1D and 2D barcodes, including those displayed on LCD screens and printed codes.

Image: Shows the scanner's capability to read 1D, 2D, QR codes, codes from LCD screens, and even partially damaged printed codes.

Supported 1D Barcodes:

- JAN/EAN/UPC
- ISSN
- ISBN
- CODABAR (NW-7)
- CODE39
- CODE128
- GS1-128
- CODE93
- CODE11
- MSI
- Interleaved 2 of 5 Code
- Matrix 2 of 5 Code
- Industrial 2 of 5 Code
- GS1

Supported 2D Barcodes:

- QR Code
- Data Matrix
- PDF417
- Aztec code
- Maxicode

Note: This product does not directly support air registers. If you have specific compatibility questions, please contact customer support.

7. ADVANCED FEATURES

Image: Highlights various advanced features including adding time stamps, buzzer/vibration settings, keyboard language settings, and barcode type on/off settings. Also shows multi-language keyboard support for English, Spanish, German, Japanese, French, and Italian.

- **Time Stamp:** Add the current time before or after the barcode data when scanning.
- **Buzzer/Vibration Settings:** Configure audible feedback (buzzer) or tactile feedback (vibration) upon successful scans.
- **Keyboard Language:** Supports multiple keyboard languages including English, Spanish, German, Japanese, French, and Italian.
- **Data Transmission Settings:** Two data transmission settings are available (wireless mode).
- **Power Off Time Setting:** Configure the automatic power-off duration.
- **Terminator Settings:** Customize terminators (e.g., Enter, TAB).
- **Barcode Type On/Off:** Enable or disable specific barcode types for scanning.

Your browser does not support the video tag.

Video: A preview video from Tera demonstrating Japanese character support and wired/wireless connectivity for the D5100 model, which shares similar advanced features.

8. DURABILITY AND APPLICATIONS

8.1. Durability

Image: Illustrates the scanner's 1.5-meter drop resistance, indicating its robust design for demanding environments.

The scanner is built with a robust design, capable of withstanding drops from a height of 1.5 meters, ensuring reliability in various work settings.

8.2. Applications

Image: Collage showing the Tera Wireless Barcode Scanner being used in various settings such as retail checkout, inventory management, package handling, and library book scanning.

This scanner is suitable for a wide range of applications, including:

- Retail stores and POS systems
- Office and administrative tasks
- Logistics and shipping operations
- Warehouse inventory management
- Libraries and book management
- Schools and educational institutions

9. MAINTENANCE

To ensure the longevity and optimal performance of your Tera Wireless Barcode Scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lint-free cloth lightly dampened with a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the scanner regularly, especially if it will be stored for an extended period.
- **Handling:** While durable, avoid unnecessary drops or impacts. Handle the scanner with care.

10. TROUBLESHOOTING

If you encounter issues with your Tera Wireless Barcode Scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scanner not turning on	Low battery	Charge the scanner using the provided USB cable and charging stand.
Cannot connect via Bluetooth/2.4GHz	Not in pairing mode, out of range, or interference.	Ensure the scanner is in pairing mode. Move closer to the host device. Check for other wireless devices causing interference. Re-pair the device.
Scanner not reading barcodes	Barcode damaged, poor lighting, incorrect scan mode, or unsupported barcode type.	Ensure the barcode is clear and well-lit. Try different scan modes. Verify the barcode type is supported. Clean the scanning window.
Data not transmitting to computer	Incorrect connection mode, software issue on host device.	Confirm the scanner is in the correct transmission mode (e.g., instant upload). Check the host device's input settings. Restart both devices.
Buzzer/Vibration not working	Settings configured to mute or disable vibration.	Refer to the electronic manual for instructions on adjusting buzzer and vibration settings.

For further assistance, please refer to the full electronic manual or contact Tera customer support.

11. SPECIFICATIONS

Feature	Detail
Brand	Tera
Model Number	FTHK0177-2-JP
Item Weight	550 g
Product Dimensions	18 x 11 x 11 cm
Color	Black
Power Source	Battery Powered
Connectivity Technology	USB Wired, 2.4GHz Wireless, Bluetooth
Scan Rate	100 fps
Compatible Devices	PC, Tablet, Smartphone
Design Registration	EUIPO Design Registration Number: 007825195-0003

12. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Tera customer service directly. Details can often be found on the product's Amazon page or the official Tera website.