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> Itari D520BT Thermal Label Printer User Manual

Itari D520BT

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Model: D520BT

1. INTRODUCTION

Thank you for choosing the Itari D520BT Thermal Label Printer. This manual provides detailed instructions for setting up, operating, and maintaining your printer to ensure optimal performance. Please read this manual thoroughly before using the product.

2. PRODUCT OVERVIEW

The Itari D520BT is a high-speed thermal label printer designed for various labeling needs, including shipping labels, barcodes, and address labels. It offers inkless printing, preventing ink-related issues and mess. The printer supports a wide range of label sizes and is compatible with multiple operating systems and platforms.

Key Features:

- **High-Speed Printing:** Achieves speeds of up to 150mm/s, printing approximately 60 4x6 inch labels per minute.
- **Inkless Operation:** Utilizes direct thermal printing technology, eliminating the need for ink or toner cartridges.
- **Wide Label Compatibility:** Supports label widths from 1.5 inches to 4.25 inches and heights from 1 inch to 9.84 inches, including common sizes like 4x6 inches.
- **High Resolution:** Features 203 DPI resolution for clear and crisp printing of barcodes, text, and graphics.
- **Versatile Connectivity:** Connects via Bluetooth for mobile devices (iOS, Android) and USB for computers (Windows, Mac OS, Linux, Chrome OS).
- **Built-in Label Holder:** Designed for convenience and space-saving.

Package Contents:

The package includes the following items:

- Itari D520BT Label Printer x1
- Thermal Label Roll (10 sheets) x1
- AC/DC Adapter (PSE certified) x1
- AC Power Cord x1
- USB Cable x1
- Instruction Manual x1



Image: Itari D520BT printer with included accessories: user manual, sample labels, USB cable, C-type adapter, power cord, and power adapter.

サポートシステム



Image: The D520BT printer supports USB connection for Mac OS, Windows, Linux, and Google Chrome OS, and Bluetooth connection for iOS, Android, and iPad devices.

3. SETUP

3.1. Connecting the Printer

1. Connect the AC/DC adapter to the printer's power port and then plug the AC power cord into a wall outlet.
2. For USB connection: Connect the USB cable from the printer to your computer.
3. For Bluetooth connection: Ensure Bluetooth is enabled on your mobile device (smartphone or tablet).

3.2. Loading Labels

The D520BT printer features a built-in label holder for easy loading.

1. Open the printer cover.
2. Place the thermal label roll into the built-in holder, ensuring the labels feed from the bottom and the printable side faces upwards.

3. Adjust the label guides to fit the width of your labels snugly.
4. Close the printer cover. The printer will automatically detect and calibrate the label size.

We do it - Build in Label Holder

Save your desktop spaces



Inkless



No paper jam



High Speed



Print Clear



Image: Illustration of loading a thermal label roll into the printer's built-in label holder, showing the supported width range of 1 to 4.6 inches.

3.3. Driver and App Installation

For computer printing, install the appropriate driver for your operating system (Windows, Mac, Linux). For mobile printing, download the 'Labelife' app.

1. **For Mobile Devices:** Download the 'Labelife' app from the App Store (iOS) or Google Play (Android).
2. **For Computers:** Visit www.itaricartridge.com to download the latest drivers for your operating system.

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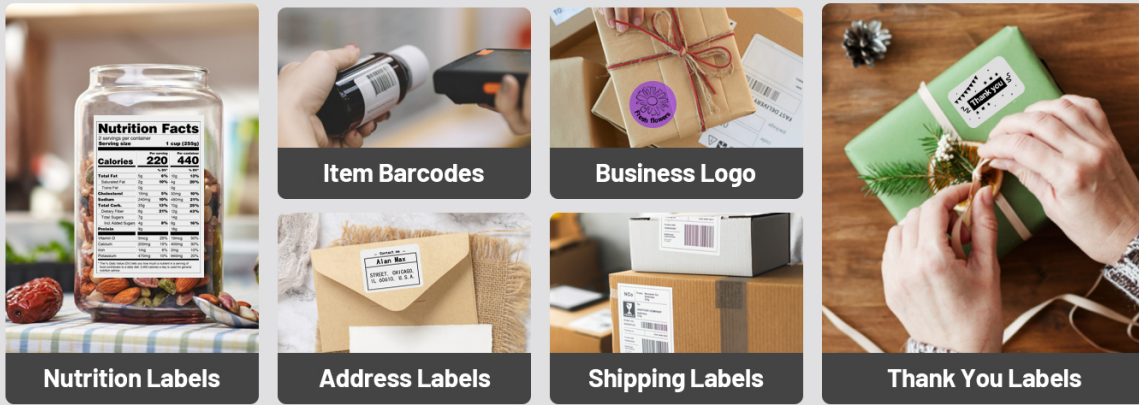


Image: Step-by-step guide for installing the 'Labelife' app, enabling Bluetooth, connecting to the printer via the app, and customizing label printing.

4. OPERATING INSTRUCTIONS

4.1. Printing from Computer (USB)

1. Ensure the printer is connected via USB and the driver is installed.
2. Open the document or label you wish to print (e.g., PDF, Word document, image).
3. Select 'Print' from your application. Choose 'Itari D520BT' as your printer.
4. Adjust print settings such as label size, orientation, and print quality in the printer preferences.
5. Click 'Print'.

Your browser does not support the video tag.

Video: Demonstration of printing a test page from a Linux operating system using the Itari D520BT printer.

Your browser does not support the video tag.

Video: Demonstration of printing a Click Post label from a Linux operating system using the Itari D520BT printer.

4.2. Printing from Mobile Device (Bluetooth via Labelife App)

1. Open the 'Labelife' app on your smartphone or tablet.
2. Tap 'Click to Connect Printer' and select your D520BT printer from the list of available Bluetooth devices.
3. Choose your label type (Gap Label or Black Mark Label) and shape (Rectangle, Rounded Rectangle, Circle).
4. Enter the exact width and height of your labels in inches. For example, for a 4x6 inch label, set Width to 4 and Height to 6.
5. Select 'New Label' to create a custom label, or use 'Open PDF' or 'Print Images' to print existing files. The app offers over 500 templates and various custom elements.
6. Edit your label content as needed.
7. Before printing, adjust 'Print quality' and 'Printing speed' settings. Users have reported that setting 'Print quality' to 5 and 'Printing speed' to 2 can improve QR code readability for some applications like Click Post.
8. Tap 'Print'.

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Video: Guide on how to set label dimensions (width and height) and adjust print quality and speed within the Labelife app for optimal printing results.



Image: Examples of various label sizes and types that can be printed, including 2x1, 2x2, 3x2, 3x3, and 4x6 inches, demonstrating the printer's versatility.

4 x 6インチの配送ラベル、倉庫ラベル、小売マーケティング価格/製品ラベル
バーコード、Amazon FNSKUラベル、住所ラベル/郵便ラベル
多目的ラベル、ホームカテゴリーラベルなどに最適



Image: The D520BT printer is compatible with major shipping and e-commerce platforms such as eBay, Shopify, Amazon, UPS, FedEx, DHL, Etsy, PayPal, and more.

4.3. Manual Feed Button

The button on the printer can be used for manual feeding or to pause/resume printing.

Your browser does not support the video tag.

Video: Demonstration of using the manual feed button on the Itari D520BT printer.

5. MAINTENANCE

5.1. Cleaning the Print Head

To ensure consistent print quality, regularly clean the print head.

1. Turn off the printer and unplug the power cord.
2. Open the printer cover.
3. Use an alcohol swab or a soft, lint-free cloth lightly dampened with isopropyl alcohol to gently wipe the

print head surface.

4. Allow the print head to dry completely before closing the cover and turning on the printer.

5.2. General Care

- Keep the printer in a clean, dust-free environment.
- Avoid exposing the printer to direct sunlight or extreme temperatures.
- Use only high-quality thermal labels recommended for your printer.

6. TROUBLESHOOTING

Common Issues and Solutions:

| Problem | Possible Cause | Solution |
|------------------------------|--|---|
| Printer not responding | Power issue, loose cable, incorrect driver/app connection. | Check power connection. Ensure USB cable is securely connected or Bluetooth is paired. Reinstall drivers/app if necessary. |
| Blurry or faint prints | Dirty print head, low print quality setting, poor label quality. | Clean the print head (see Section 5.1). Increase print quality setting in software/app. Use recommended thermal labels. |
| QR codes/barcodes unreadable | Low print quality, high printing speed. | Adjust print quality to a higher setting (e.g., 5) and reduce printing speed (e.g., 2 or 3) in the 'Labelife' app or printer preferences. |
| Paper jam | Improper label loading, foreign object. | Turn off the printer. Carefully remove any jammed labels. Ensure labels are loaded correctly and guides are adjusted. |
| Labels not feeding correctly | Incorrect label type selected, label guides not adjusted. | Verify label type (Gap Label/Black Mark Label) and dimensions in the app/software. Adjust label guides. |

7. SPECIFICATIONS

| Feature | Specification |
|-------------------------|--|
| Brand | Itari |
| Model Name | D520BT |
| Connectivity Technology | Bluetooth, USB |
| Printing Technology | Thermal |
| Print Output | Monochrome |
| Max Print Speed | 150mm/s (approx. 60 4x6 inch labels/min) |
| Max Print Resolution | 203 DPI |

| Feature | Specification |
|--------------------------------|--|
| Max Media Size | 4.25 inches x 9.84 inches |
| Product Dimensions (D x W x H) | 22.5 x 18 x 16.9 cm |
| Compatible Devices | Smartphones, PCs (Windows, Mac OS, Linux, Chrome OS) |
| Control Method | App |
| UPC | 747783192705 |

8. WARRANTY AND SUPPORT

For technical assistance or warranty inquiries, please contact Itari customer support through the following channels:

- **Email:** support@itaricartridge.com
- **Phone (US & CA only):** +1 833 940 3818 (Service time: Mon-Fri 9AM-5PM EST)
- **WhatsApp:** +86 1 369 772 4876
- **Remote Desktop Support**
- **Tutorial Videos:** Search for "Itari Tech" on YouTube or visit www.itaricartridge.com for detailed tutorials.



Image: Contact details for Itari customer support, including email, phone, WhatsApp, and links to tutorial videos.