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Makeid D50

Makeid D50 Industrial Label Printer User Manual

Model: D50

1. Product Overview

The Makeid D50 Industrial Label Printer is a versatile and robust desktop label maker designed for various industrial and professional labeling needs. It features a 2-inch print head, compatibility with both mobile applications and PC editing software, and a powerful 2600mAh Li-ion battery for extended use. Utilizing thermal transfer printing technology, the D50 produces durable labels that resist fading for up to 5 years, making it suitable for demanding environments.

Image: Makeid D50 Industrial Label Printer. This image shows the printer from a slight angle, highlighting its compact design and the label output slot. A yellow label with the word 'EXIT' and an arrow is partially extended from the printer.

Key Features:

- **2-Inch Print Head:** Supports a maximum media size of 2 inches, allowing for a wide range of label applications.
- **High Print Quality:** 300 DPI resolution ensures sharp, clear prints with minimal margins.

- **Thermal Transfer Technology:** Labels maintain clarity for up to 5 years without fading, suitable for outdoor and harsh conditions.
- **Automatic Cutter:** Equipped with an auto-cutter for clean and precise label separation, enhancing efficiency.
- **Integrated Cartridge Design:** Label and ribbon cartridges are integrated for quick and easy consumable changes (approx. 5 seconds).
- **Versatile Connectivity:** Connects via Bluetooth to mobile devices (iOS & Android) and via USB to PC (Windows & macOS).
- **Long Battery Life:** Features a 2600mAh Li-ion battery with a standby time of up to 90 days.
- **OLED Display:** Provides real-time printing status monitoring.
- **Ultra-Strong Adhesive Labels:** Labels are designed to adhere firmly to rough surfaces and withstand oil, low temperatures, and harsh outdoor conditions.

2. Setup Guide

2.1. What's in the Box

Before you begin, please verify that all components are present in the packaging:

- 1 x Makeid D50 Industrial Label Printer
- 1 x Label Cartridge (with built-in ribbon)
- 1 x USB Cable (Type-C)
- 1 x Instruction Manual

Image: Packing List. This image displays all items included in the standard package: the D50 printer, an integrated label cartridge, a user manual, and a USB Type-C cable with an adapter.

2.2. Installing the Label Cartridge

The D50 printer uses integrated label and ribbon cartridges for easy installation.

1. Open the printer's side door to access the cartridge compartment.
2. Insert the label cartridge into the designated slot. Ensure it clicks firmly into place.
3. Close the side door. The printer is now ready for use.

Image: Effortless Installation. This image illustrates the simple process of inserting the integrated label cartridge into the D50 printer's open compartment.

2.3. Software Installation and Connectivity

The Makeid D50 printer can be operated via a mobile app or PC software.

Mobile App (MakeID Label Pro)

1. Download the 'MakeID Label Pro' app from the Google Play Store (for Android) or Apple App Store (for iOS).
2. Ensure your printer is powered on.
3. Open the app and tap the connection icon (usually a printer or Bluetooth symbol) in the upper right corner.
4. Select 'Search device' and choose your D50 printer from the list to connect via Bluetooth.*Do not connect via your phone's Bluetooth settings directly.*
5. Once connected, you can begin editing and printing labels.

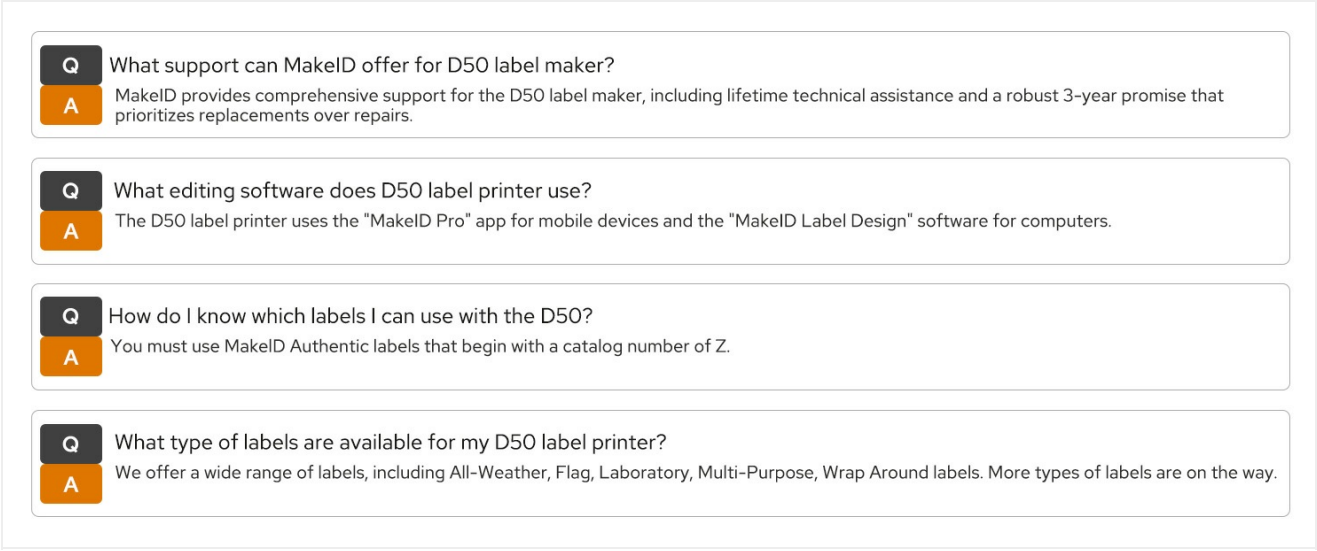


Image: How to Connect Label Maker. This visual guide shows the four steps for connecting the D50 printer to the MakeID Label Pro mobile application, from downloading the app to connecting the device.

PC Software (MakeID Label Design)

1. Download the 'MakeID Label Design' software from the official Makeid website (www.makeid.com). Navigate to the Support section and look for PC Editing Software. The D50 software is typically listed under 'Consumer' products.
2. Install the software on your computer (Windows or macOS).
3. Connect the D50 printer to your computer using the provided USB Type-C cable.
4. Launch the MakeID Label Design software. The software should automatically detect the connected printer.
5. You can now edit your label designs and print directly from your PC.

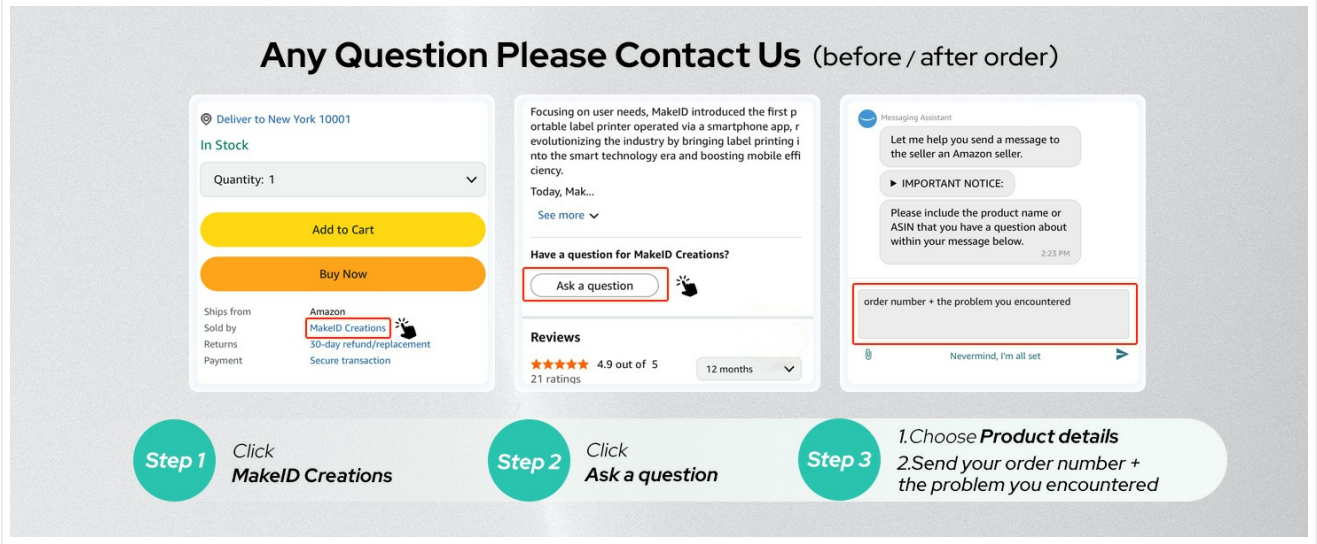


Image: PC Editor Quick Installation. This image illustrates the four steps for installing and using the PC editing software: download, connect printer via USB, connect printer to software, and edit/print.

3. Operating Instructions

3.1. Creating and Printing Labels

The Makeid D50 offers flexible options for label creation and printing.

Using the Mobile App / PC Software

Both the mobile app and PC software provide comprehensive tools for designing labels:

- **Text:** Add text with various fonts (20+ available), sizes, and styles.
- **Elements:** Utilize over 200 pre-made elements, shapes, and stickers.
- **Barcodes/QR Codes:** Generate and embed barcodes and QR codes for asset tracking and inventory management.
- **Templates:** Access a library of templates for common labeling applications.
- **Image/Picture:** Insert images or pictures into your label designs.

After designing your label:

1. Ensure the D50 printer is connected and powered on. The OLED display will show 'Ready'.
2. In the software/app, click the 'Print' button.
3. The printer will automatically feed the label and cut it after printing.

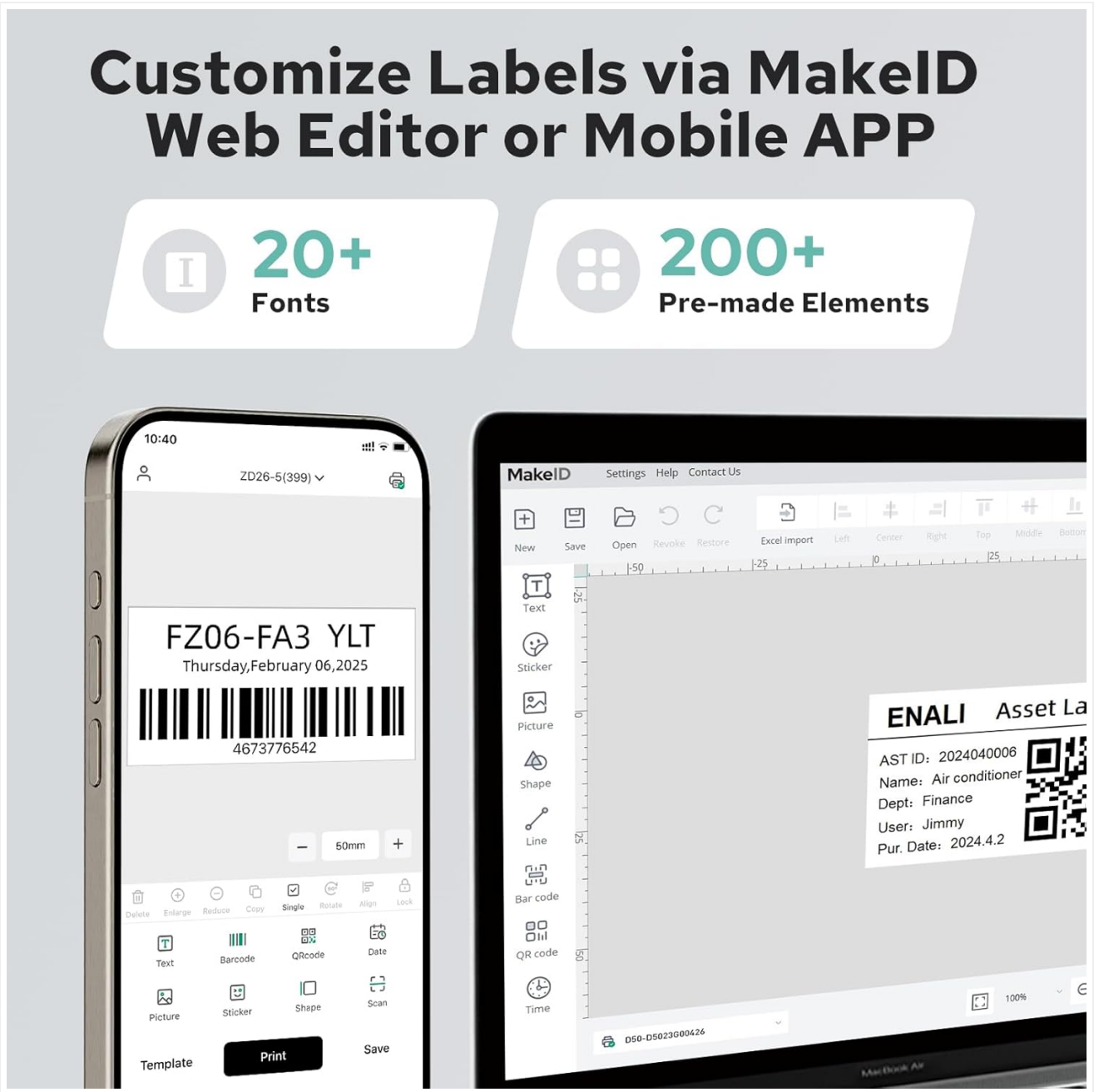


Image: Customize Labels via MakeID Web Editor or Mobile APP. This image displays the user interfaces of both the mobile application and the PC software, showcasing the various customization options available for label design, including fonts, elements, barcodes, and QR codes.

3.2. Automatic Cutter Function

The D50 printer features an integrated automatic cutter that provides clean and precise cuts for each label, eliminating the need for manual trimming. This function activates automatically after each print job is completed.

Image: AUTO Cutter. This image shows the D50 printer in action, with a label being automatically cut as it exits the device, demonstrating the clean and precise cuts.

3.3. Label Applications

The D50 Industrial Label Printer is designed for a wide array of applications due to its durable labels and versatile printing capabilities:

- **Electrical & DataCom Labeling:** Ideal for cable labels, wire identification, and data/telecommunications labeling.
- **Safety & Facility Identification:** Create hazard warnings, equipment instructions, and facility signs.
- **Asset Tracking:** Generate labels for inventory, barcoding, and equipment tagging.
- **Laboratory Labeling:** Produce pre-sized labels for tubes and samples, resistant to low temperatures.
- **Warehouse Marking:** Durable labels for shelves, bins, and other warehouse identification.

- **Pipe Markers:** Create clear and durable labels for pipe identification.

Image: Versatile Applications. This collage showcases five different uses for the D50 printer's labels: electrical labeling, facility identification, wire and cable labeling, pipe markers, and laboratory labeling.

4. Maintenance

4.1. Replacing Label Cartridges

The D50 printer uses integrated label and ribbon cartridges, making replacement quick and clean.

1. Ensure the printer is powered off.
2. Open the side door of the printer.
3. Gently pull out the used label cartridge.
4. Insert a new MakeID Z series label cartridge, ensuring it is seated correctly.
5. Close the side door.

Note: Only use authentic MakeID Z series label cartridges to ensure optimal performance and print quality.

4.2. Cleaning the Printer

Regular cleaning helps maintain print quality and extends the life of your printer.

- Use a soft, lint-free cloth to wipe the exterior of the printer.
- For the print head and platen roller, use a cotton swab lightly dampened with isopropyl alcohol. Gently wipe away any dust or adhesive residue.
- Allow all components to dry completely before closing the printer and resuming operation.

5. Troubleshooting

This section addresses common issues you might encounter with your Makeid D50 Industrial Label Printer.

5.1. Common Issues and Solutions

- **Printer Not Connecting to App/PC:**
  - Ensure the printer is powered on and fully charged.
  - For mobile app connection, ensure Bluetooth is enabled on your device and connect through the 'MakeID Label Pro' app, not your phone's system Bluetooth settings.
  - For PC connection, ensure the USB cable is securely connected to both the printer and the computer. Try a different USB port or cable if necessary.
  - Restart both the printer and your connecting device (phone/PC).
  - Verify that the correct software/app version is installed and up to date.
- **Poor Print Quality / Faded Prints:**
  - Check if the label cartridge is correctly installed and seated firmly. Re-seat it if necessary.
  - Ensure you are using authentic MakeID Z series label cartridges.
  - Clean the print head and platen roller as described in the Maintenance section.
  - Verify that the label type selected in the software/app matches the installed label cartridge.
- **Labels Not Feeding or Jamming:**
  - Ensure the label cartridge is installed correctly and not obstructed.
  - Check for any foreign objects or debris in the label path.
  - If the issue persists, try removing and re-inserting the label cartridge.
- **Printer Not Charging / Battery Issues:**
  - Ensure the USB cable is properly connected to the printer and a working power source (e.g., a USB wall adapter or computer USB port).
  - Try a different USB cable or power adapter.
  - If the battery does not hold a charge after extended charging, contact MakeID customer support.
- **Software/App Usability Issues (e.g., text alignment, sizing):**
  - Familiarize yourself with the software's features and options. Some advanced formatting may require manual adjustments.
  - Check for software/app updates, as these often include bug fixes and performance improvements.
  - Refer to the software's built-in help or online tutorials for specific design functions.

6. Specifications

Feature	Description
Model Name	D50-Grey
Brand	Makeid
Printing Technology	Thermal / Thermal Transfer
Printer Output	Monochrome
Maximum Media Size	2 inches
Maximum Print Resolution	300 dpi
Max Print Speed (Monochrome)	70 ppm
Connectivity Technology	Bluetooth, USB Type-C
Compatible Devices	Laptops, PC, Smartphones
Battery	1 Lithium Ion battery (included)
Product Dimensions	6.81"D x 3.77"W x 3.77"H (173 x 96 x 96 mm)
Item Weight	3.45 pounds
Special Features	APP Editor, OLED Display, PC Editor, Portable
Compatible Cartridge	Z series Label Cartridge

7. Warranty and Support

7.1. Warranty Information

The Makeid D50 Industrial Label Printer comes with a**limited warranty**. MakeID provides comprehensive support for the D50 label maker, including lifetime technical assistance and a robust 3-year promise that prioritizes replacements over repairs.

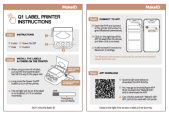
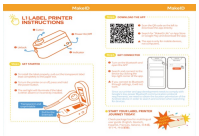
7.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact MakeID customer support. When contacting support, it is helpful to have your order number and a detailed description of the issue ready.

You can typically reach MakeID support through the seller's contact page on the platform where you purchased the product. Look for an option to 'Ask a question' or 'Contact Seller'.

Image: Any Question Please Contact Us. This image provides a visual guide on how to contact the seller for support, typically by navigating to product details, clicking 'Ask a question', and providing the order number and problem description.

Related Documents

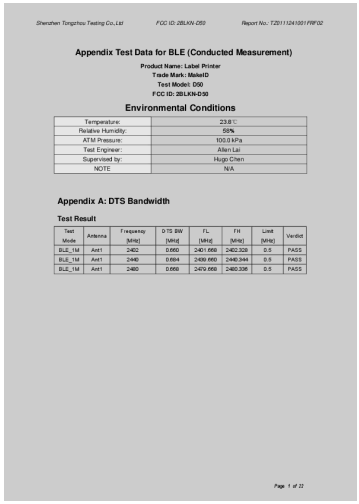
	MakeID Q1-A HD Label Printer: User Manual and Instructions Comprehensive user manual for the MakeID Q1-A HD label printer. Learn how to set up, connect to your smartphone via the MakeID-Life app, print various types of labels (continuous and discontinuous), install consumables, understand indicator lights, troubleshoot common issues, and review the three-year warranty information. Includes FCC compliance and RoHS information.
	MakeID Q1 Label Printer Instructions and Setup Guide Comprehensive guide to setting up and using the MakeID Q1 Label Printer. Learn label installation, app connection via Bluetooth, and basic printer functions for efficient organization.
	MakeID L1 Label Printer: Setup, App Download, and Connection Guide Comprehensive instructions for setting up your MakeID L1 label printer. Learn how to install labels, download the MakeID-Life app, and connect via Bluetooth for seamless label printing.
	MakeID D50 Label Printer User Manual - Setup, Operation, and Maintenance Comprehensive user manual for the MakeID D50 Label Printer, covering packaging, components, installation, app and PC printing, operation, maintenance, troubleshooting, safety, and technical specifications.

Documents - Makeid – D50

MakeID Label Printer User Manual: Setup, Operation, and Maintenance Guide
Comprehensive user manual for the MakeID Label Printer, covering packaging, component identification, installation, PC and mobile printing, operation, maintenance, troubleshooting, safety precautions, and technical specifications.
lang:en score:32 filesize: 1.98 M page_count: 15 document date: 2025-04-25

MakeID D50 Label Printer User Manual - Setup, Operation, and Maintenance
Comprehensive user manual for the MakeID D50 Label Printer, covering packaging, components, installation, app and PC printing, operation, maintenance, troubleshooting, safety, and technical specifications.
lang:en score:28 filesize: 4.54 M page_count: 20 document date: 2024-10-28

MakeID D50 Label Printer User Manual
Comprehensive user manual for the MakeID D50 Label Printer, covering unboxing, component identification, installation, operation via mobile app and PC, maintenance, troubleshooting, technical specifications, and safety guidelines.
lang:en score:27 filesize: 3.86 M page_count: 15 document date: 2025-01-23


Shenzhen Tongzhou Testing Co.,Ltd FCC ID: 2BLKN-D50 Report No.: TZ01112410011FRF02

Appendix Test Data for BLE (Conducted Measurement)

Product Name: Label Printer
Trade Mark: MakeID
Test Model: D50
FCC ID: 2BLKN-D50

Environmental Conditions

Temperature:	23.8 ℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.660	2401.668	2402.328	0.5	PASS
BLE_1M	Ant1	2440	0.664	2439.660	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.668	2479.668	2480.336	0.5	PASS

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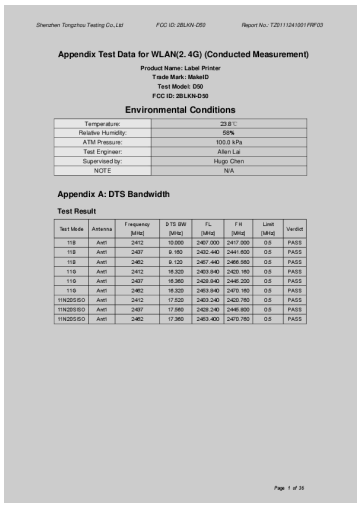
[MakeID D50 Label Printer FCC Test Report: BLE Conducted Measurements (FCC ID: 2BLKN-D50)]

Comprehensive FCC test data for the MakeID D50 Label Printer (FCC ID: 2BLKN-D50), detailing conducted measurements for Bluetooth Low Energy (BLE) performance. Includes DTS Bandwidth, Occupied Channel Bandwidth, Peak Output Power, Power Spectral Density, Band Edge, Spurious Emissions, and Duty Cycle results.

lang:en score:22 filesize: 1.64 M page_count: 22 document date: 2024-10-28


Shenzhen Tongzhou Testing Co.,Ltd FCC ID: 2BLKN-D50 Report No.: TZ01112410011FRF03

Appendix Test Data for WLAN(2. 4G) (Conducted Measurement)

Product Name: Label Printer
Trade Mark: MakeID
Test Model: D50
FCC ID: 2BLKN-D50

Environmental Conditions

Temperature:	23.8 ℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	10.000	2407.000	2417.000	0.5	PASS
11B	Ant1	2437	9.160	2432.440	2441.600	0.5	PASS
11B	Ant1	2462	9.120	2457.440	2466.560	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	16.360	2428.840	2445.200	0.5	PASS
11G	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
11N20SISO	Ant1	2437	17.560	2428.240	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.360	2453.400	2470.760	0.5	PASS

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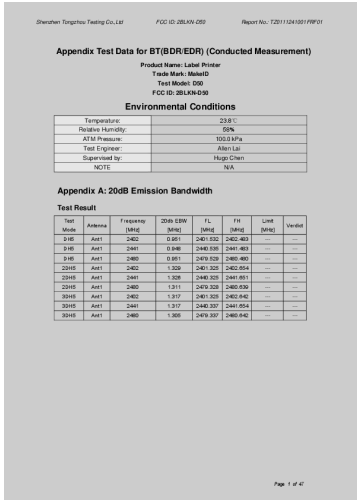
[MakeID D50 Label Printer WLAN 2.4G Test Data]

Comprehensive test data and results for the MakeID D50 Label Printer, covering DTS Bandwidth, Occupied Channel Bandwidth, Maximum Average Conducted Output Power, Maximum Average Power Spectral Density, Band Edge Measurements, Conducted Spurious Emissions, and Duty Cycle for WLAN 2.4G operations. Includes environmental conditions and detailed test results from Shenzhen Tongzhou Testing Co.,Ltd.

lang:en score:20 filesize: 4.23 M page_count: 36 document date: 2024-10-28


Shenzhen Tongzhou Testing Co.,Ltd FCC ID: 2BLKN-D50 Report No.: TZ01112410011FRF01

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Label Printer
Trade Mark: MakeID
Test Model: D50
FCC ID: 2BLKN-D50

Environmental Conditions

Temperature:	23.8 ℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
1M1	Ant1	2402	0.951	2401.532	2402.483	---	---
1M3	Ant1	2441	0.948	2440.535	2441.483	---	---
1M5	Ant1	2480	0.951	2479.529	2480.480	---	---
2M1S	Ant1	2402	1.329	2401.325	2402.654	---	---
2M1S	Ant1	2441	1.328	2440.325	2441.651	---	---
2M1S	Ant1	2480	1.311	2479.328	2480.639	---	---
3M1S	Ant1	2402	1.317	2401.325	2402.642	---	---
3M1S	Ant1	2441	1.317	2440.327	2441.654	---	---
3M1S	Ant1	2480	1.305	2479.337	2480.642	---	---

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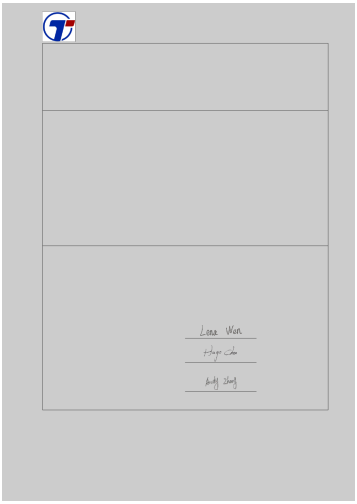
[pdf] Label

EMC Appendix Test Data for BT BDR EDR FCC Chongqing Pinsheng Technology Co Ltd D50 2BLKN 2BLKND50 d50

Shenzhen Tongzhou Testing Co.,Ltd FCC ID: 2BLKN-**D50** Report No.: TZ01112410011FRF01 Appendix Test Data for BT BDR/EDR Conducted Measurement Product Name: Label Printer Trade Mark: MakeID Test Model: **D50** FCC ID: 2BLKN-**D50** Environmental Conditions Temperature: Relative Humidity: ATM Pressure: T...

lang:en score:20 filesize: 5.07 M page_count: 47 document date: 2024-10-28



[pdf] Test Report Label

EMC Test Report BLE Chongqing Pinsheng Technology Co Ltd D50 Label Printer 2BLKN 2BLKND50 d50

TEST REPORT Report Number : TZ0111241001FRF02 Product Name : Label Printer **D50**, **D50**S, **D50**T, **D50**plus, **D50**B, **D50**C, **D50**A, **D50**BW, **D50**-2F, **D50**T-2F, **D50**plus-2F, **D50**B-2F, **D50**C-2F, **D50**A-2F, **D50**BW-2F, DP50, DP50S, DP50T, DP50plus, DP50B, 50C, DP50A, DP50BW, DP50-2F, DP50T-2F, DP50plus-2F, DP50B-2F, DP50...

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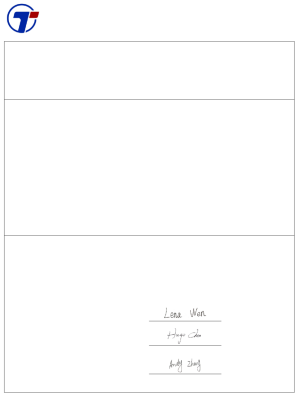

[pdf] Test Report Label

EMC Test Report Bluetooth Chongqing Pinsheng Technology Co Ltd D50 2BLKN 2BLKND50 d50

TEST REPORT Report Number : TZ0111241001FRF01 Product Name : Label Printer Model/Type reference **D50**, **D50**S, **D50**T, **D50**plus, **D50**B, **D50**C, **D50**A, **D50**BW, **D50**-2F, **D50**T-2F, **D50**plus-2F, **D50**B-2F, **D50**C-2F, **D50**A-2F, **D50**BW-2F, DP50, DP50S, DP50T, DP50plus, DP50B, 50C, DP50A, DP50BW, DP50-2F, DP50T-2F, DP50p...

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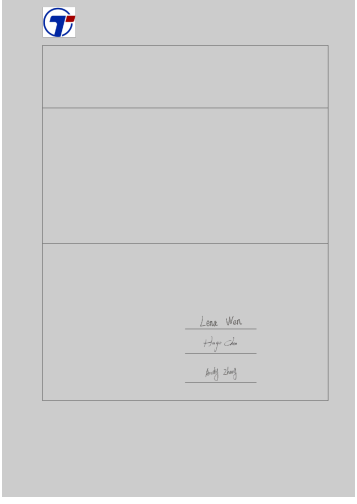

[pdf] Test Report Label

EMC Test Report WiFi2G4 20MHz Chongqing Pinsheng Technology Co Ltd D50 Label Printer 2BLKN 2BLKND50 d50

TEST REPORT Report Number : TZ0111241001FRF03 Product Name : Label Printer **D50**, **D50**S, **D50**T, **D50**plus, **D50**B, **D50**C, **D50**A, **D50**BW, **D50**-2F, **D50**T-2F, **D50**plus-2F, **D50**B-2F, **D50**C-2F, **D50**A-2F, **D50**BW-2F, DP50, DP50S, DP50T, DP50plus, DP50B, 50C, DP50A, DP50BW, DP50-2F, DP50T-2F, DP50plus-2F, DP50B-2F, DP50...

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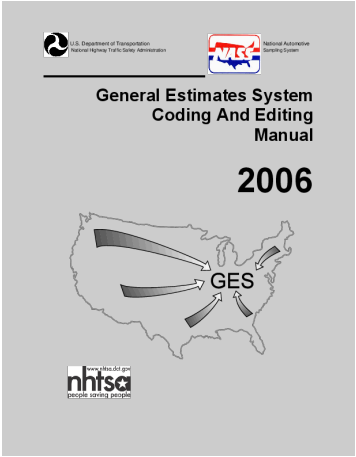

[pdf] User Manual

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U.S. Department of Transportation National Highway Traffic Safety Administration National Automotiv ... ata B-SERIES VANS Sportsman, Royal, Maxiwagon, Ram, B150-B350, Tradesman SPRINTER VAN DERIVATIVE **D50**, COLT P/U, RAM 50/RAM 100 **D50**, COLT P/U, RAM 50/RAM 100 DAKOTA DAKOTA D, W-SERIES PICKUP, W100W3...

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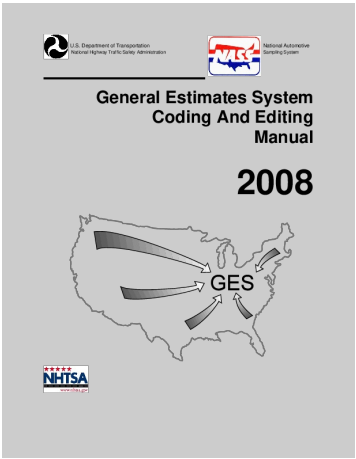

[pdf] User Manual

2008 GES Coding Manual National Center For Statistics and Analysis 2008GESCodingManual 120116 static nhtsa gov GES08 filebrowser

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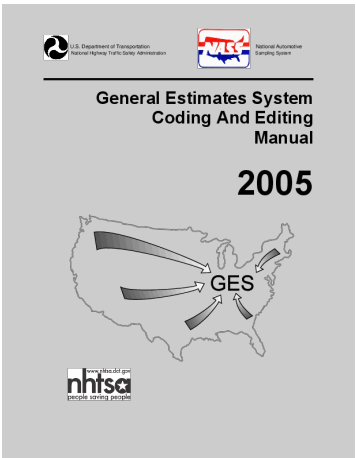

[pdf] User Manual

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U.S. Department of Transportation National Highway Traffic Safety Administration National Automotiv ... WN AUTOMOBILE RAIDER RAMCHARGER DURANGO VISTA CARAVAN CARAVAN B-SERIES VANS SPRINTER VAN DERIVATIVE **D50**, COLT P/U, RAM 50/RAM 100 **D50**, COLT P/U, RAM 50/RAM 100 DAKOTA DAKOTA D, W-SERIES PICKUP, W100-W...

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