VisionTechShop DLP-300

VisionTechShop DLP-300 Label Printing Scale User Manual

Model: DLP-300
Brand: VisionTechShop

1. Introduction and Overview

The VisionTechShop DLP-300 is a professional label printing scale designed for commercial use, particularly in retail and food service environments. This scale features a pole display and is NTEP Legal for Trade certified, ensuring accuracy and compliance with commercial weighing standards. It offers a dual interval capacity of 30/60lbs with precision measurements of 0.01/0.02lbs. The DLP-300 is equipped with advanced networking capabilities and extensive label customization options, making it a versatile tool for various business operations.

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your DLP-300 scale to ensure optimal performance and longevity.



Figure 1: VisionTechShop DLP-300 Label Printing Scale

This image shows the VisionTechShop DLP-300 label printing scale from the front, featuring its pole display, integrated label printer, and a full keypad. Three red apples are placed on the weighing pan, demonstrating its intended use for weighing produce or other items.

2. Key Features

- **Capacity and Certification:** 30/60lb capacity with dual interval, NTEP Approved Legal for Trade (Coc #17-054).
- **Labeling Versatility:** Supports 32 standard label formats and 67 customer-defined labels. Includes multiple barcode formats.
- **Speed Keys:** Features 168 speed keys (56 keys x 3) for quick access to frequently used items.
- **Multi-language Support:** Capable of displaying English, Chinese, Korean, or Spanish characters. Note: Some Chinese characters may require a software update for proper display; contact VisionTechShop before purchase if needed.

- **Connectivity:** Built-in Ethernet, Wireless Networking (Wi-Fi), USB, and RS-232C ports for flexible integration.
- **Firmware Upgrades:** Flash ROM allows for easy firmware upgrades via USB or Ethernet.
- **Software Included:** Comes with Windows Software (XDB Manager) for comprehensive management.
- **Auto-Prepack Feature:** Streamlines pre-packaging processes.
- **Commodity Name Length:** Supports commodity names up to 56 characters per PLU (Price Look-Up).



Figure 2: Wireless Connectivity

This image highlights the wireless networking capability of the DLP-300 scale, indicated by a yellow burst graphic stating "Wireless Included!". The scale is shown with apples on the pan, emphasizing its readiness for use in retail environments.



Figure 3: Multi-Language Keypad

A close-up view of the DLP-300's keypad, featuring various function keys and a full alphanumeric layout. The image prominently displays text indicating "Spanish Available!!", showcasing the scale's multi-language support for its interface and label printing.

3. Setup

3.1 Unpacking and Initial Placement

Carefully remove the DLP-300 scale from its packaging. Place the scale on a stable, level surface. Ensure adequate space around the unit for ventilation and access to ports.

3.2 Power Connection

Connect the power adapter to the scale and then to a suitable power outlet. Use only the power adapter supplied with the unit.

3.3 Label Roll Installation

To install or replace the label roll:

1. Open the label compartment cover, typically located on the right side of the scale.
2. Insert the new label roll, ensuring the labels feed correctly into the printer mechanism. Refer to the diagram inside the compartment for proper orientation.
3. Close the label compartment cover securely.

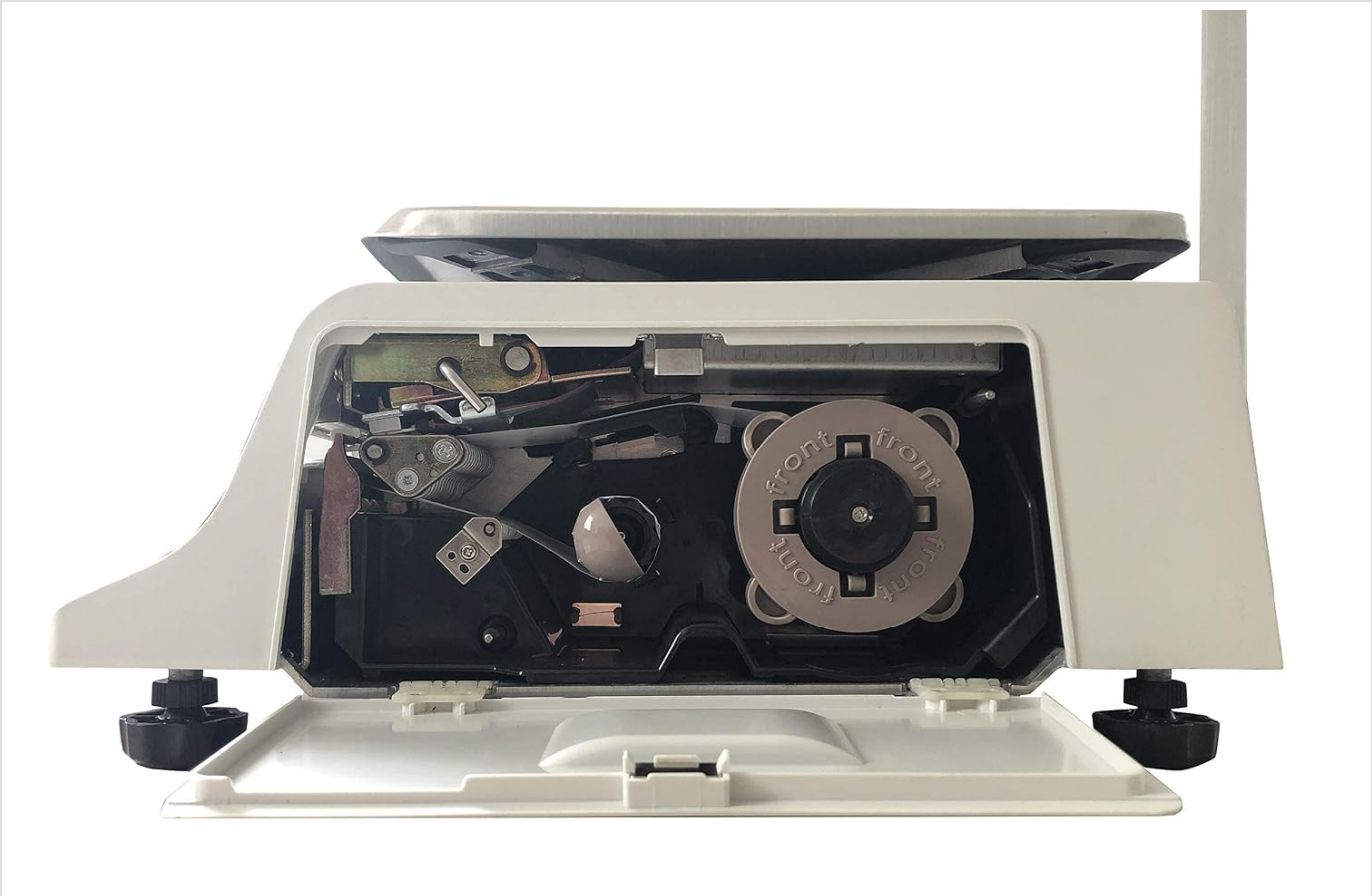


Figure 4: Label Compartment Interior

This image provides an internal view of the DLP-300's label printer compartment, showing the label roll spindle and the paper path. This view is essential for understanding how to properly load labels into the scale's integrated printer.

3.4 Network Configuration (Optional)

For Ethernet or Wireless networking, connect the scale to your network via the appropriate port or configure Wi-Fi settings through the scale's menu. Consult the XDB Manager software manual for detailed network setup instructions.

4. Operating Instructions

4.1 Basic Weighing and Pricing

1. Place the item to be weighed on the weighing pan.
2. The weight will be displayed on the pole display.
3. Enter the PLU (Price Look-Up) code for the item using the numeric keypad or select from the speed keys.
4. The scale will calculate the total price based on the weight and programmed unit price.

5. Press the **PRINT** button to print the label.

4.2 Using Speed Keys

The DLP-300 features 168 speed keys (56 keys x 3 pages) for quick access to frequently sold items. Use the **SHIFT** key to toggle between the three pages of speed keys.

4.3 Programming PLUs with XDB Manager Software

The included Windows Software (XDB Manager) allows for efficient programming and management of PLUs, label formats, and other scale settings. Connect the scale to your computer via USB or Ethernet and follow the software's instructions to:

- Add, edit, or delete PLU items.
- Customize label formats and barcode types.
- Update commodity names (up to 56 characters).
- Manage inventory data.

5. Maintenance

5.1 Cleaning

Regularly clean the weighing pan and the exterior of the scale with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the display or keypad. Ensure no liquids enter the internal components.

5.2 Label Printer Maintenance

Periodically inspect the label printer mechanism for any paper dust or adhesive residue. Gently clean the print head and rollers with a lint-free cloth and isopropyl alcohol if necessary. Ensure the cutting knife area is clear of debris.



Figure 5: Label Printer and Cutting Knife

A detailed view of the DLP-300's integrated label printer output slot, featuring a clear "CAUTION Cutting Knife" warning label. This highlights the importance of careful handling during label retrieval and maintenance around the cutting mechanism.

5.3 Keypad Care

While the keypad is designed for durability, excessive force or sharp objects can cause wear. Clean the keypad gently and avoid pressing keys with sharp instruments. If keys become unresponsive, contact customer support.

6. Troubleshooting

6.1 "Please Remove Label" Message

If the scale displays the message "Please Remove Label", this typically indicates one of two issues:

- The label size currently loaded does not match the configured label size in the scale's settings.

- The Label Peel Sensor value has changed or is obstructed.

Resolution:

1. Verify that the correct label size is loaded and that it matches the settings programmed into the scale. Adjust settings via the XDB Manager software if necessary.
2. Inspect the Label Peel Sensor area for any obstructions or debris. Gently clean the sensor if it appears dirty.
3. If the issue persists, it may require recalibration of the sensor or a software adjustment. VisionTechShop provides instructional videos on their website or YouTube channel for resolving this specific issue. Contact technical support for further assistance.

6.2 Scale Not Powering On

Ensure the power adapter is securely connected to both the scale and a working power outlet. Check the power outlet with another device to confirm it is supplying power. If using a power strip, ensure it is switched on.

6.3 Inaccurate Weight Readings

Ensure the scale is placed on a level, stable surface, free from vibrations or drafts. Verify that nothing is touching the weighing pan or the scale's base. If inaccuracies persist, the scale may require recalibration by a qualified technician.

7. Specifications

Specification	Value
Product Dimensions	15.4 x 17.3 x 16.5 inches (391 x 439 x 420 mm)
Item Model Number	DLP-300
Weight	25.5 Pounds (approx. 11.57 kg)
Manufacturer	VisionTechShop
Capacity	30/60 lbs (0.01/0.02 lbs increments)
Display Type	LCD, Dot Matrix LCD with Backlight
Connectivity	Ethernet, Wireless Networking, USB, RS-232C
NTEP Approval	Legal for Trade, Coc #17-054
Recommended Use	Food weighing and labeling



Figure 6: Product Dimensions

This image provides a front view of the DLP-300 scale with detailed measurements in both millimeters and inches, illustrating its overall dimensions including height, width, and depth. This is useful for planning placement and integration into a workspace.



Figure 7: NTEP Certificate of Conformance

An image of the National Type Evaluation Program (NTEP) Certificate of Conformance for the DLP-300 scale, confirming its legal-for-trade status. It includes details such as the model number, capacity, and the Certificate of Conformance (Coc) number #17-054, along with instructions on where to verify the information online.

8. Warranty and Support

VisionTechShop is committed to providing high-quality products and excellent customer support. The DLP-300 scale comes with comprehensive technical support and spare parts availability if needed.

8.1 Technical Support

For any technical issues, setup assistance, or troubleshooting not covered in this manual, please contact VisionTechShop's technical support team. Support can be reached through the VisionTechShop seller page on Amazon or via the contact information provided on the official VisionTechShop website. Many common issues, such as the "Please Remove Label" message, have dedicated video tutorials available from the manufacturer.

8.2 Firmware Updates

The DLP-300 features Flash ROM for easy firmware upgrades via USB or Ethernet. Regularly checking for and applying

firmware updates can improve performance and add new features. Instructions for firmware updates are typically provided with the update package or by technical support.

8.3 Spare Parts

Spare parts for the DLP-300 scale are available directly from VisionTechShop. Contact customer service for inquiries regarding specific parts or replacements.

© 2024 VisionTechShop. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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.

Submit question