

3nStar LTT214

3nStar LTT214 Label Printer User Manual

Model: LTT214

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your 3nStar LTT214 Direct Thermal/Thermal Transfer Label Printer. Please read this manual thoroughly before using the printer to ensure proper functionality and longevity.

The 3nStar LTT214 is designed for professional label printing, offering both direct thermal and thermal transfer printing capabilities. It features a robust dual-wall framed construction and an all-metal printhead for enhanced durability.

PRODUCT OVERVIEW

The LTT214 is a versatile label printer suitable for various labeling applications. Key features include:

- Thermal Transfer and Direct Thermal printing modes.
- High printing speed of 5 IPS (127mm/s).
- Support for multiple printer emulations: TSPL, EPL, ZPL, DPL.
- Equipped with 8MB SDRAM and 8MB Flash memory.
- 203 dpi print resolution for clear labels.
- Includes Bartender Label Printing Software for comprehensive label design and printing.



Figure 1: Front-right view of the 3nStar LTT214 Label Printer.

SETUP GUIDE

1. Unboxing and Package Contents

Carefully unpack the printer and verify that all components are present. The package should include:

- 3nStar LTT214 Label Printer
- Windows labeling software driver and user manual CD
- Quick start guide
- USB cable
- Power cord
- External switching power adapter

2. Connecting the Printer

The LTT214 printer supports both USB and LAN (Ethernet) connectivity.

1. **Power Connection:** Connect the external switching power adapter to the printer's power input port and then plug

the power cord into a suitable electrical outlet.

2. **USB Connection:** For direct connection to a computer, insert one end of the provided USB cable into the USB port on the printer and the other end into an available USB port on your computer.
3. **LAN (Ethernet) Connection:** For network printing, connect an Ethernet cable from your network router or switch to the LAN port on the printer.



Figure 2: Rear view of the printer showing connectivity ports.

3. Loading Print Media (Labels)

The printer supports labels as print media with a maximum media size of 4 x 70 inches.

1. Open the top cover of the printer.
2. Adjust the media guides to the width of your label roll.
3. Insert the label roll onto the media spindle, ensuring the labels feed correctly into the print mechanism.
4. Close the top cover securely.

4. Driver and Software Installation

Insert the provided CD into your computer's CD/DVD drive. Follow the on-screen instructions to install the Windows labeling software driver and the Bartender Label Printing Software. Alternatively, drivers can often be downloaded from the 3nStar official website.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press the power switch located at the rear of the printer to turn it on or off. The printer will perform a self-test upon powering on.

2. Printing Labels

Once the printer is connected and drivers are installed, you can begin printing labels using the Bartender Label Printing Software or any compatible application.

- **Design Your Label:** Use the Bartender software to create or open your label design.
- **Select Printer:** In your software's print dialog, select the "3nStar LTT214" as your printer.
- **Configure Settings:** Adjust print settings such as label size, print density, and print speed (up to 5 IPS) as needed. Ensure the correct printing mode (Direct Thermal or Thermal Transfer) is selected based on your label and ribbon type.
- **Print:** Send the print job to the printer.

The printer supports various emulations including TSPL, EPL, ZPL, and DPL, ensuring compatibility with a wide range of existing label printing systems.

MAINTENANCE

1. Cleaning the Printer

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

- **Printhead:** Gently wipe the printhead with an alcohol swab or a lint-free cloth dampened with isopropyl alcohol. Allow it to dry completely before use.
- **Platen Roller:** Clean the platen roller with an alcohol swab to remove any adhesive residue or dust.
- **Exterior:** Wipe the exterior of the printer with a soft, damp cloth. Do not use abrasive cleaners.

2. Ribbon Replacement (for Thermal Transfer Printing)

If you are using thermal transfer labels, you will need to replace the ribbon when it runs out. The printer uses 100mt ribbons.

1. Open the printer's top cover.
2. Remove the used ribbon core and the empty take-up core.
3. Install a new ribbon roll onto the supply spindle and thread it through the print mechanism according to the diagrams in the quick start guide or full user manual.
4. Attach the leading edge of the ribbon to the take-up core and wind it a few turns to secure.
5. Close the top cover.

TROUBLESHOOTING

This section addresses common issues you might encounter with your LTT214 printer. For more detailed troubleshooting, refer to the user manual on the provided CD.

Problem	Possible Cause	Solution
Printer not responding	Power off; incorrect cable connection; driver issue.	Check power cord and switch. Verify USB/Ethernet cable connection. Reinstall printer drivers.

Problem	Possible Cause	Solution
Poor print quality	Dirty printhead; incorrect media/ribbon; low print density.	Clean printhead. Ensure correct media and ribbon type are used. Adjust print density settings in software.
Labels not feeding correctly	Media loaded incorrectly; media guides not adjusted.	Reload labels, ensuring they are properly seated and media guides are snug against the roll.
Printer offline	Network issue; printer status.	Check network connection. Ensure printer is online in your computer's printer settings.

SPECIFICATIONS

Feature	Detail
Model Name	LTT214
Printing Technology	Thermal (Direct Thermal & Thermal Transfer)
Print Resolution	203 DPI (Dots Per Inch)
Max Print Speed	5 IPS (127 mm/s)
Connectivity	USB, Ethernet (LAN)
Memory	8MB SDRAM, 8MB Flash
Maximum Media Size	4 x 70 Inches
Product Dimensions (D x W x H)	10"D x 8"W x 7"H
Item Weight	4.4 pounds (2 Kilograms)
Power Consumption	60 Watts
Included Software	Bartender Label Printing Software
Emulations	TSPL, EPL, ZPL, DPL

WARRANTY AND SUPPORT

Warranty Information

The 3nStar LTT214 Label Printer comes with a **1 Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or visit the 3nStar official website.

Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact 3nStar customer support. Contact information can typically be found on the 3nStar website or in the quick start guide. Visit the [3nStar Store on Amazon](#) for more product information and support resources.

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

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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