TSC TE210

TSC TE210 Thermal Transfer Printer User Manual

Model: **TE210** | Brand: **TSC**

INTRODUCTION

The TSC TE210 is a versatile desktop thermal transfer printer designed for various labeling applications. It supports both thermal transfer and direct thermal printing technologies, offering high resolution and speed for crisp, efficient label production. This manual provides essential information for setting up, operating, and maintaining your TE210 printer.

SETUP GUIDE

1. Unpacking the Printer

Carefully remove the printer and all accessories from the packaging. Ensure that all components are present. The package typically includes:

- 1 x TSC TE210 Thermal Transfer Printer
- Power Adapter
- USB Cable
- Quick Start Guide (refer to this manual for detailed instructions)

Figure 1: Front view of the TSC TE210 printer with a printed label. This image shows the compact design and the label output slot.

2. Connecting the Printer

The TE210 offers multiple connectivity options:

- **USB:** Connect the printer to your PC using the provided USB cable.
- **Ethernet (LAN):** For network printing, connect an Ethernet cable from your router/switch to the printer's LAN port.
- **Bluetooth:** Enable Bluetooth on your device and pair with the printer. Refer to your operating system's Bluetooth pairing instructions.

Ensure the printer is connected to a stable power source using the supplied power adapter.

3. Loading Media (Labels and Ribbon)

The TE210 supports both thermal transfer and direct thermal media. For thermal transfer printing, a ribbon is required.

1. Open the printer cover.
2. Carefully place the label roll onto the media spindle, ensuring it unwinds correctly.
3. If using thermal transfer, install the ribbon cartridge according to the internal guides. The ribbon transfers ink onto the labels for durable prints.
4. Close the printer cover securely.

Figure 2: Internal view of the TSC TE210 printer with the cover open, illustrating the label and ribbon loading mechanism.

4. Driver Installation

Install the appropriate printer drivers on your PC. Drivers are typically available on the TSC official website. Follow the on-screen instructions during installation. The printer is compatible with Windows 10 and other PC operating systems.

OPERATING INSTRUCTIONS

Basic Printing

Once the printer is connected and drivers are installed, you can begin printing labels from your preferred label design software. The TE210 supports various printer languages including TSPL, EPL, and ZPL, ensuring compatibility with a wide range of applications.

Control Panel

The printer features an LCD display and push-button controls for straightforward operation. Use these controls to navigate menus, perform calibration, and check printer status.

Auto-Calibration

The auto-calibration feature simplifies setup and ensures accurate label positioning. Refer to the printer's display or software utility for initiating auto-calibration.

Label Handling Modes

The TE210 offers different label handling options:

- **Tear-off Mode:** Labels are printed and remain attached to the liner, allowing manual tearing at the perforation.
- **Peel-off Mode:** The printer peels the label from its liner as it exits, making it ready for immediate application.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your printer.

- **Cleaning:** Periodically clean the print head and platen roller using a lint-free cloth and isopropyl alcohol. Ensure the printer is powered off before cleaning.
- **Ribbon Save Feature:** Utilize the ribbon save feature to optimize ribbon usage and reduce operational costs, especially when printing labels with large unprinted areas.

TROUBLESHOOTING

This section addresses common issues you might encounter with your TSC TE210 printer.

- **No Power:** Ensure the power cable is securely connected to both the printer and a working power outlet. Check the power adapter.
- **Poor Print Quality:**
  - Verify that the correct media type (thermal transfer or direct thermal) is being used with the appropriate ribbon (if thermal transfer).
  - Clean the print head.
  - Adjust print darkness settings in your printer driver or software.
- **Labels Not Feeding Correctly:**
  - Ensure labels are loaded correctly and the media guides are adjusted to the label width.
  - Perform auto-calibration.
- **Connectivity Issues:**
  - For USB, try a different USB port or cable.
  - For Ethernet, check network cable connections and network settings.
  - For Bluetooth, ensure the printer is discoverable and within range.
  - Reinstall printer drivers.

For more complex issues, refer to the comprehensive user manual available on the TSC website or contact technical support.

SPECIFICATIONS

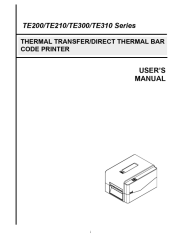Detailed technical specifications for the TSC TE210 Thermal Transfer Printer:
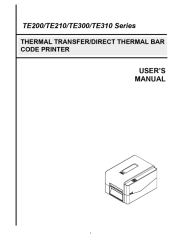
Feature	Specification
Product Dimensions	20D x 20W x 16H Centimeters
Controller Type	Push Button
Maximum Media Size	4 inches
Included Components	1 Printer
Print Media	Labels
Scanner Type	Portable
Max Input Sheet Capacity	50

Feature	Specification
Max Copy Speed (Black and White)	152 ppm
Compatible Devices	PC
Maximum Colour Print Resolution	203 x 203 DPI
Maximum Black and White Print Resolution	203 x 203 DPI
Dual-sided printing	Yes
Manufacturer	TSC
Country of Origin	China
Model Number	TE210
Number of Memory Sticks	1
Item Weight	3 kg 880 g
Number of USB Ports	1
Resolution	203 x 203 DPI
Operating System	Windows 10
Are batteries included?	No
Hardware Interface Type	Ethernet, USB
Connectivity Technology	Bluetooth, Ethernet, USB
Printing Technology	Thermal
Special Feature	Portable
Colour	black
Model Name	TE210
Printer Output	Monochrome
Maximum Print Speed (Colour)	9144 ppm
Max Print speed Monochrome	152 ppm

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your printer or visit the official TSC website. For technical support, driver downloads, and additional resources, please visit the TSC official website or contact their customer service department.

Related Documents - TE210

	[TSC TE200/TE300 Series User's Manual: Thermal Transfer Barcode Printer Guide](#) Comprehensive user's manual for the TSC TE200, TE210, TE300, and TE310 series thermal transfer and direct thermal barcode printers. Covers setup, operation, maintenance, and troubleshooting.
	[TSC TE200/TE210/TE300/TE310 Series Bar Code Printer User Manual](#) User's manual for TSC TE200, TE210, TE300, TE310 series thermal transfer and direct thermal bar code printers. Covers setup, operation, features, maintenance, and troubleshooting.
	[TSC TE200 Series Desktop Barcode Printers User Manual](#) Comprehensive user manual for the TSC TE200 Series desktop barcode printers, covering setup, operation, specifications, and troubleshooting for models TE200, TE300, TE210, and TE310. Includes details on thermal transfer and direct thermal printing capabilities.
	[TSC TE200/TE210/TE300/TE310 Series Barcode Printer User Manual](#) Comprehensive user manual for the TSC TE200, TE210, TE300, and TE310 series thermal transfer and direct thermal barcode printers. Covers setup, operation, maintenance, and troubleshooting.
	[TSC TX210 Series Desktop Barcode Printers User Manual](#) Comprehensive user manual for the TSC TX210 Series desktop barcode printers, covering specifications, operation, setup, maintenance, and troubleshooting for models TX210, TX310, and TX610.
	[TSC MB241T Series Industrial Label Printer: Robust, Compact, High-Performance](#) Explore the TSC MB241T Series industrial label printer, featuring robust construction, compact design, high-quality printing, versatile applications, and eco-friendly features. Includes detailed specifications, connectivity options, and global support information.