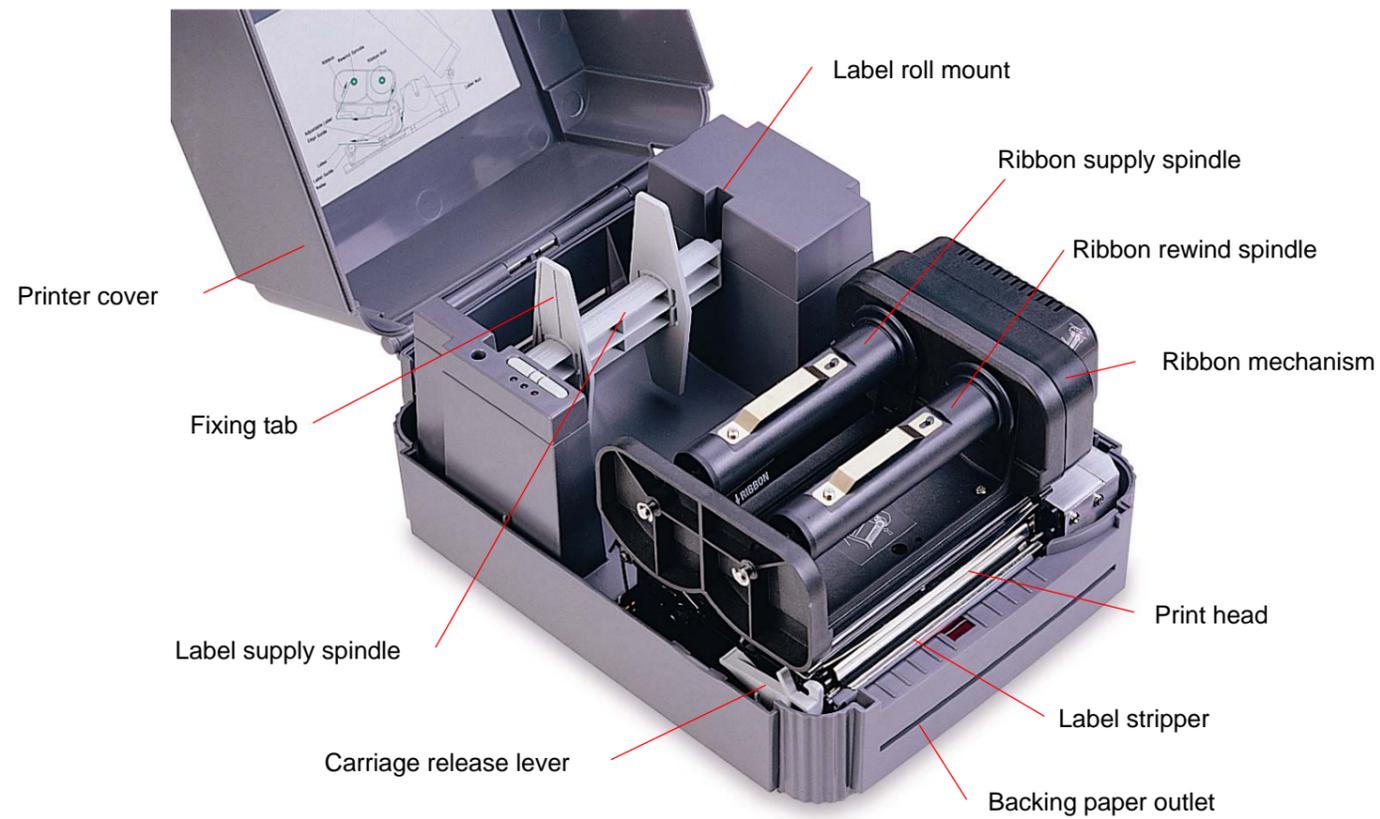**POSline®**

QUICK INSTALLATION GUIDE

ITT4050B

Thermal Transfer / Direct Thermal

Label Printer
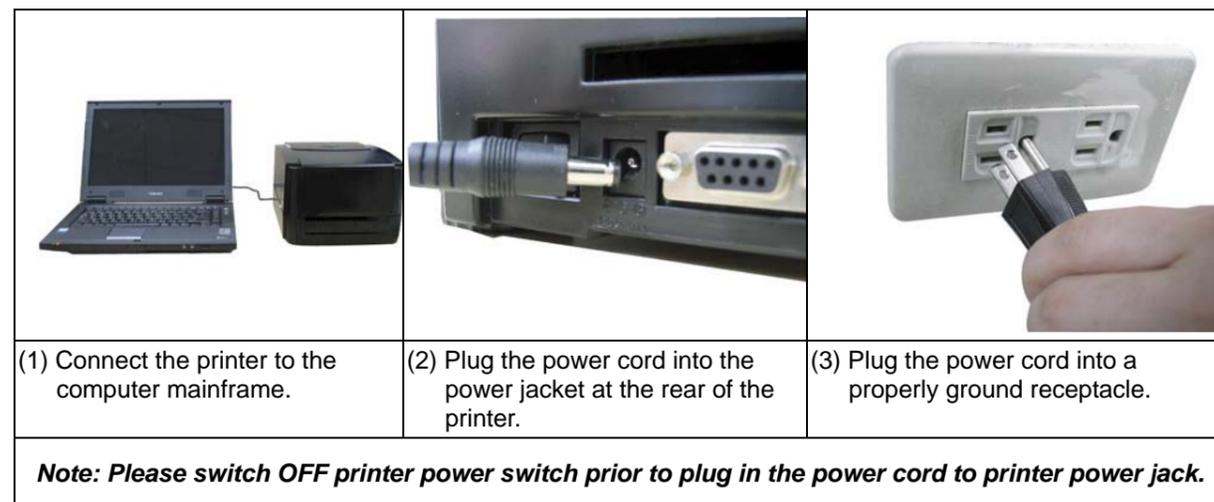
Quick Installation Guide

Printer Overview
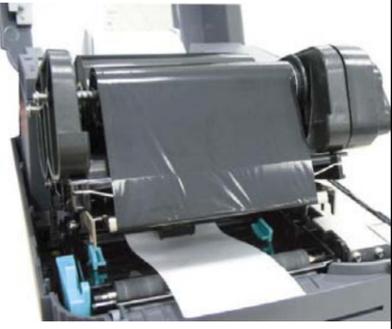
Label roll mount

Ribbon supply spindle

Ribbon rewind spindle

Printer cover

Ribbon mechanism

Fixing tab

Print head

Label supply spindle

Label stripper

Carriage release lever

Backing paper outlet

Setting up the Printer

(1) Connect the printer to the computer mainframe.	(2) Plug the power cord into the power jacket at the rear of the printer.	(3) Plug the power cord into a properly ground receptacle.

Note: Please switch OFF printer power switch prior to plug in the power cord to printer power jack.

Loading the Ribbon

(1) Place an empty paper core onto the ribbon rewind spindle.	(2) Insert the left side first. Mount the ribbon rewind paper core on the front hubs.	(3) Please be noted that the bigger hub side with 4 ribs must be installed toward the right side of ribbon mechanism.
(4) Install a ribbon on the ribbon supply spindle. Mount the ribbon supply spindle on the rear hubs.	(5) Insert the left side first. Please be noted that the bigger hub side with 4 ribs must be installed toward the right side of ribbon mechanism.	(6) Disengage the printer carriage by pulling the carriage release lever upwards.
(7) Following the direction of the ↓ RIBBON label, pull the transparent ribbon leader to the front from under the ribbon mechanism.	(8) Attach the ribbon leader to the empty paper core on the ribbon rewind spindle (with a tape).	(9) Rotate the ribbon rewind spindle until the ribbon overlaps the ribbon leader and stretches tight.

Loading the Label

(1) Insert a label spindle into a paper roll. Insert fixing tabs into the spindle.	(2) Place the label onto the (external) label roll mount.	(3) Install the label so that it goes (when using an external label roll mount: through the label feed slot) in the direction of the ↓ LABEL label and under the ribbon mechanism to lay upon the platen.
(4) Adjust the label guide to fit the width of the label.	(5) Engage the printer carriage.	(6) Close the printer cover.
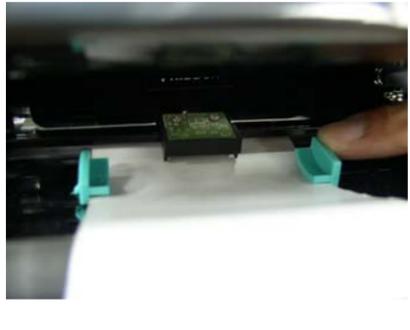
Note: When switched on, the printer will automatically detect whether ribbon is installed to set printer to direct thermal or thermal transfer mode. As such, to use thermal transfer mode, be sure to install the ribbon, the label, and engage the ribbon mechanism before you switch on the printer. To use direct thermal mode, install the label and engage the ribbon mechanism before switching on the printer.

Power-on Utilities

■ Self Test

Power off the printer, install the ribbon and the label first. Press the **FEED** button and then turn on the printer power. Do not release the **FEED** button until the printer feeds labels. The printer performs the following items:

1. Calibrate label pitch.
2. Print out thermal print head check pattern.
3. Print the internal settings.
4. Enter into dump mode.

■ Gap Sensor Calibration

This utility is used to calibrate the sensitivity of the gap sensor. Users may have to calibrate the gap sensor for two reasons:

1. Using a new type of label
2. Initializing the printer

Note: The ERROR LED may flash if the gap sensor is not calibrated properly.

Please follow the steps below to calibrate the gap sensor.

1. Turn off printer power and install blank (i.e., without any logos or characters) label roll on the printer power.
2. Hold down the **PAUSE** button while turning on printer power.
3. Release **PAUSE** button when the printer feeds labels. Do not turn off printer power until the printer stops and the two green LEDs light on.

■ Printer Initialization

Printer initialization sets printer parameters to default values.

Please follow the steps below to initialize the printer:

1. Turn off the printer power.
2. Hold down the **PAUSE** and **FEED** buttons while turning on the printer power.
3. Do not release the buttons until the three LEDs flash in turn.

Note: When printer initialization is done, please calibrate the gap sensor again.

For further information on printer operation, please refer to the user's manual in driver CD disc.

Specifications, accessories, parts and programs are subject to change without notice.