Quick Installation Guide

GP-1124T/1125T Thermal Transfer Barcode Printer

Paper Installation:
1. Press two buttons at left and right side of top cover to lift and open the cover.
2. Insert the paper roll into the shaft by picture showing, and fix the label roll in the middle.
3. Push the button to open the print head mechanism.
4. Pull out the paper, use the paper guide to fix the label in correct position till the label pass gap sensor and rubber roller.
5. Pull out ribbon, let it touch the print head and roll onto the step 1 showing empty roll.
6. Adjust the running wheel to let the ribbon touch print head flat.
7. Close the print head by pressing the mechanism two sides to make sure print head is closed completely for good quality printing.

Ribbon Installation:
1. Insert the ribbon take-up shaft into an empty roll.
2. Install ribbon take-up shaft and empty roll into the printer, left side first, right side afterwards.
3. Pull out ribbon and let it touch the print head and roll onto the step 1 showing empty roll.
4. Insert ribbon supply shaft into the printer, left side first, right side afterwards.
5. Open print head by pressing the picture showing button.

Remark:
GP-1124T 3 in 1 interface(Serial+USB+Parallel), without external paper holder, but with paper roll and ribbon.
GP-1125T 4 in 1 interface(Serial+USB+Ethernet+Parallel), with external paper holder, paper roll and ribbon.

Note:The picture showing ports is for GP-1125T.

If you need more information about the product, please refer to the User’s Manual in CD.

The printer specification, accessory, spare parts and program are subject to change without prior notice.
1. Introduction

Thanks for choosing GP-1147T, GP-1157T series direct thermal transfer label printer.

This series printer is built withbastrate gear to drive motor with capability of handling 300mm per minute, long-life belt, and an adjustable printhead. Inner volume is fit for 10" OD(External Diameter) paper roll. You can install it if FOD industrial grade label roll.

This printer is designed for real-time batch label printing, with standard serial, parallel USB and Ethernet connection port. Direct thermal printing and thermal transfer printing modes are all in one printer body. You can choose various kinds of printing materials, for example thermal paper plain coated paper, coated plastic paper, etc.

Common D basic and D basic fonts are built inside printer into its 4 direction printing characters can be outlined from 1 to 10 times. Besides, it supports 5 different size bitmap fonts, OCR-A and OCR-B fonts, together with 203dpi higher resolution printing. This series printer is your best choice among the same class.

Declaration:  This is a class K product fit for Tropics region installation. This product may cause radio interference in life environment, users may need to take adequate preventive measures.

1. Application Field

- Manufacturing & Warehousing logistic industry
- Product labeling and marking
- Warehouse management label
- Category marking label
- Operating instruction marking label
- Distributing instruction marking label
- Healthcare
- Retail
- Price Label marking
- Medicine marking
- Specimen marking
- Parcel Post
- Transport
- Office & Studio

2. LED indicator and Function

There are two buttons and four LED indicators, many functions can be realized through using different button, indicator and power on/off switch.

2.1 LED Indicator

Direct thermal printing method.

LED Indicator status Description

Power indicator on, error indicator off Printer is powered. 

Power indicator on, error indicator on Printer has been powered on, printer will go to printing state.

Power indicator off, error indicator goes off, for taking printer start checking Printer error is removed.

Power indicator on, error indicator off, go to printing indication Label gap detection error

Power indicator on, error indicator on, go to printing indication Label transfer error

Error indication flashes every 16s. Printer out of墨 protected mode is activated. Meanwhile the printer OPL will check print head temperature again after about 10s, the printer will go to printing state if all the above will work normally.

Note: Better function can be enabled through setting DIP switch.

2.2 Thermal transfer printing

LED indicator status Description

Ribbon indication status: Black is installed successfully.

Ribbon indicator flashes every 16s/100character every 2s. Ribbon improperly installed: no ribbon, or ribbon end, or ribbon broken.

Error indicator flashes every 16s. Printer out of墨 protected mode is activated. Meanwhile the printer OPL will check print head temperature again after about 10s, the printer will go to printing state if all the above will work normally.

3. Button Function

3.1 When the printer is ready, LED blue fixed, click the button label paper into the front of a paper label.

3.2 Print job timeouts

The printer in the print click the PAUSE button to print suspended.At this time the indication indicator is blue flashing. Just click the button job resume normal.

3.3 Start function

The printer has six kinds of power function can be used in set or test the printer hardware and press the button with lamp signal release key can start these functions.

Six Power-up Functions:

- Self test page
- Post DIP Switch page
- Debugging Mode
- Initialization
- Ribbon Detection
- Not good printing quality

3.4 Troubleshooting

5. Common problem

Technical definition of contents is generally the common problems and solutions. If you have been in our proposed methods of identifying the fault and the printer is not normal operations check with your personal customer service department as we get more help.

Problems

Possible Reasons

Solution and Suggestion

Power indicator not "ON"

Plug AC outlet and plug in printer not well connected

Check power source line and the outlet of plug is correctly connected.

Print feed not well closed

Printer head not working properly while print head mechanism or print head.

Check printer head by pressing whole print head mechanism or print head.

Roller not working

Ribbon improperly installed

Refer to Ribbon Installation steps in User Manual to re-install.

Ribbon end paper

Retain black ribbon label

Paper improperly installed

Refer to Paper Installation steps in User Manual to re-install.

Stop paper detection error

Adjust paper specifications and print agent.

Label paper jammed inside printer

Clear jammed paper

Not printing

Check if the ribbon model and specification

Check and re-install ribbon to make sure printing side touch paper.

Print head not clean

Clean print head and print again

Print density setting wrong

Adjust print head density to be 7

Not printing (bare)

Check if the ribbon model and specification

Check and re-install ribbon to make sure printing side touch paper.

Print head not connected

Re-connect print head cable

Stop Motor code not well connected

Re-connect stop motor cable

Command setting wrong

Check if the printer is connected at the end of publishing line or if there is 0B00 command at the end of every line.

Ribbon run standard

Check if the ribbon model and specification

Check and re-install ribbon to make sure printing side touch paper.

Print head not connected

Re-connect print head cable

Stop Motor code not well connected

Re-connect stop motor cable

Command setting wrong

Check if the printer is connected at the end of publishing line or if there is 0B00 command at the end of every line.

Troubleshooting

Some problems are caused by printer itself, you can refer to previous troubleshooting to solve the problem.

4. DIP SWITCH FUNCTION

DIP No. Function ON OFF

1 Change ON OFF

20 Power on/off

20 ON OFF

3 Select the DIP switch

5 Switch to different temperature

6 Switch to different speed

7 Switch to different density

8 Switch to different function

F0 FA BD E1 A2 56

5. Problems

Suggest dry inkjet printing in case of not good printing quality. Suggest dry inkjet printing in case of not good printing quality.

Print head damaged

Check if the ribbon size set correctly, and is same as you used paper size.

Label Paper size wrong setting

Check if the ribbon size set correctly, and is same as you used paper size.

Data miss:

Printing in one or two sides

Some problems are caused by printer itself, you can refer to previous troubleshooting to solve the problem.