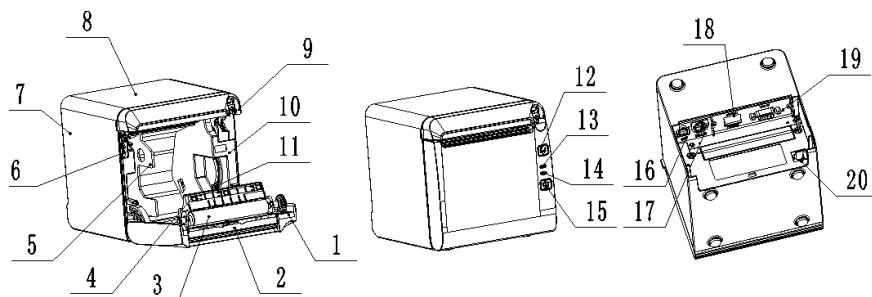


2 Introduction of printer

2.1 Main parts

1—Top cover 2—Cutter 3—Platen roller 4—Paper end sensor 5—Paper guide
6—Micro switch 7—Cover 8—Middle cover 9—Cover open spanner 10—Paper
compartment 11—Paper near end sensor spanner 12—FEED button 13—ERROR LED
14—POWER LED 15—POWER button 16—USB connector 17—Power connector
18—Ethernet connector 19—Serial connector 20—Cash drawer connector



2.2 Specifications

- Print mode: Direct thermal line printing
- Print speed: Max. 250 mm/s
- Resolution: 203×203 dpi
- Print width: Max. 80 mm
- Power supply: Direct current 24 V, 2.0 A
- Paper type: Thermal continuous paper / marked paper
- Paper roll diameter: Max. 80 mm

3 Installing the printer

3.1 Connecting the printer

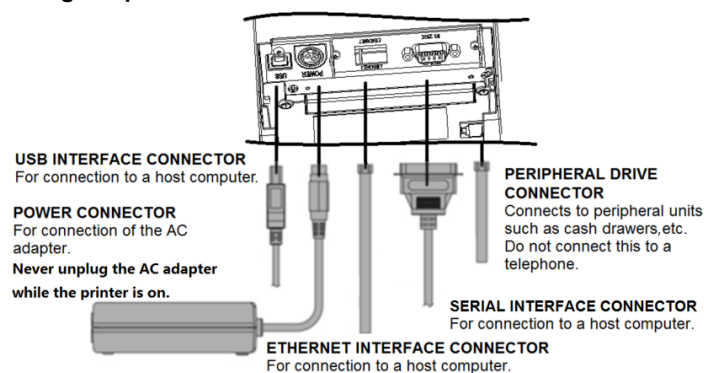


Figure 3.1

Please make sure that the POWER switch is in the off position before connecting the printer (see figure 3.1).

3.2 Paper loading

- 1) Turn off the printer.
- 2) Push the spanner in the direction shown in figure 3.2.
- 3) Place the paper roll into the printer, as shown in figure 3.2.
- 4) Close the top cover.

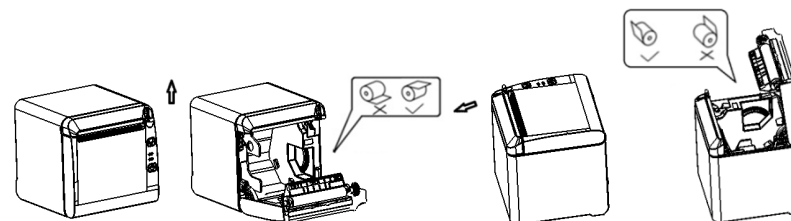


Figure 3.2.

4 Printing self-test pages and entering button configuration mode

- 1) Ensure that the printer is connected to power and that a paper roll is inserted.
- 2) Ensure that the POWER switch is in OFF position and that the POWER LED is off as well.
- 3) Press the FEED button while turning on the printer power, and then release the button. The printer will print out configuration instructions and prompt users to “Press and release the FEED button to print a character test” or “Press and hold the FEED button to configure the printer”. Then the printer will enter standby mode and the ERROR LED will start flashing.
- 4) By pressing the FEED button for a short time, the printer will print out a character test. By pressing the FEED button for a long time, the printer will enter button configuration mode.

5 FEED button, LEDs and Buzzer

■ FEED button

Press the FEED button for a short time to feed paper one line at a time. Hold the FEED button to feed paper continuously.

■ LEDs

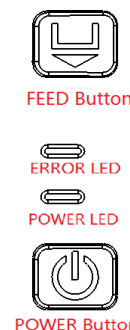
POWER LED: Green, indicating power status (on/off).

ERROR LED: Red, indicating paper end or open cover conditions, or self-test standby status.

■ Buzzer

The buzzer will beep if one of the following conditions occurs:

- 1) If an error condition is met, like paper end or open top cover.
- 2) When printing starts or stops (depending on the selected configuration).



6 Routine Maintenance

■ Cleaning the print head and platen roller

- 1) Turn off the printer power and open the top cover.
- 2) If a printing process has just finished, please wait until the print head is completely cooled down.
- 3) Use wrung-out alcohol cotton wipes to clean the print head and roller from dust and other impurities.
- 4) Wait until the alcohol is completely evaporated, then close the top cover.

■ Cleaning the paper end sensor

- 1) Turn off the printer power and open the top cover.
- 2) Use alcohol cotton (wrung out) to wipe away the dust on the sensor surface;
- 3) Wait until the alcohol is completely evaporated, then close the top cover.

Caution: Do not use tools like tweezers as they will damage the print head, rubber roller or sensor surface.

7 Adjusting the paper near end sensor

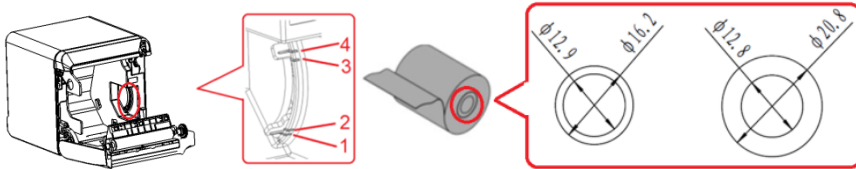
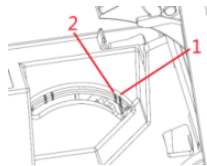


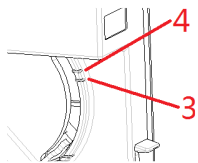
Fig. 7.1 Position diagram of the paper near end sensor and diameter diagram of the paper roll core



Top paper exit:

Paper roll core OD ≤ 16.2 mm corresponds to position 1; otherwise, the paper near end sensor will fail.

Paper roll core OD ≤ 20.8 mm corresponds to position 2; otherwise, the paper near end sensor will fail.



Front paper exit:

Paper roll core OD ≤ 20.8 mm corresponds to position 3; otherwise, the paper near end sensor will fail.

Paper roll core OD ≤ 16.2 mm corresponds to position 4; otherwise, the paper near end sensor will fail.

8 Failure model



Fig.8.1

Paper roll deformation as shown in figure 8.1 will cause, paper jam, inaccurate detection of the paper near end sensor and other unusual problems.

Metapace T-40 User's Quickstart Guide



Safety Warnings



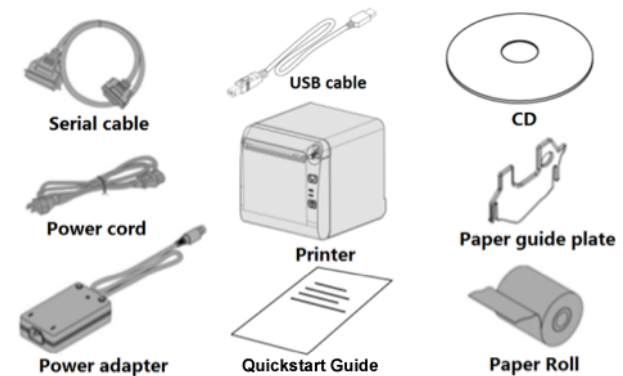
Caution: Do not touch the cutter and tear-off bar of the printer.



Heating parts: Do not touch.

1 Unpacking and checking the printer

Please check that the package contains all the items listed below and that they are in good conditions. If you encounter any problem, please contact your dealer.



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