

Portable Thermal Printer  
User's Manual



Attentions:

1. The printer should be away from the water and avoid the sunlight, glare and heat source direct exposure. Avoid any liquid, dust and metal objects into the interior of the printer.
  2. The high environment temperature (>45°C) or the low temperature(<5°C) will reduce the print quality.
  3. The high humidity (>85%RH) or the low humidity (<20%RH) will reduce the print quality.
  4. Don't open the cover of paper bin in printing process.
  5. Using low quality or storage too long time print paper will reduce the print quality, even damage the printer.
  6. If there is dirt at the print head, need to use a soft cotton or cotton swab to dip alcohol and wipe it clean to prevent the print head from being worn.
  7. Don't touch the print head and retainer directly in order to avoid damaging the print head because of static electricity. Don't scratch or touch the print head with a hardened object to avoid damaging the print head.
  8. Please try to use up the battery before charging, which can effectively protect the battery life.
  9. Please using the power supply attached to the product, or else, it maybe damage the printer or cause the charging time to extend.
  10. In the course of any accident, please disconnect the printer power supply, and remove the printer battery immediately.
  11. If user disassemble the printer, the company has the right to refuse warranty on the product.
- ▲ This printer uses a thermal resistance to detect the temperature of the print head. If the print head is overheated, the circuit will cut off the power and stop printing. The overheated temperature of the print head is 80°C.

Storage precautions:

1. If not to use the printer for a long time, please be sure to remove the battery from printer, and disconnect the charger's power supply.
2. The storage time of printing content is short using the ordinary thermal printing paper. If you want to print the long-term preservation, please select the long-term thermal printing paper.
3. The thermal printing paper should not be stored in high temperature, humidity environment, or direct sunlight. If its package has been opened, please place it in the dark place.

1. Product introduction



2. Functions and features

Items	Parameters
Printing method	Thermal dot matrix printing
Resolution	200DPI, 80lines/inch
Printing width	58mm (2.3in)
Printing speed	100mm/s
Connectivity	Wired: Standard Mini-USB port, Optional: Serial port (RS232)
Connectivity	Wireless: Connect to 2.4GHz/2.45GHz/5.8GHz/2.4GHz/5.8GHz/2.4GHz/5.8GHz
Connectivity	Bluetooth: Bluetooth 4.0/4.1/4.2/4.3/4.4/4.5/4.6/4.7/4.8/4.9/5.0/5.1/5.2/5.3/5.4/5.5/5.6/5.7/5.8/5.9/6.0/6.1/6.2/6.3/6.4/6.5/6.6/6.7/6.8/6.9/7.0/7.1/7.2/7.3/7.4/7.5/7.6/7.7/7.8/7.9/8.0/8.1/8.2/8.3/8.4/8.5/8.6/8.7/8.8/8.9/9.0/9.1/9.2/9.3/9.4/9.5/9.6/9.7/9.8/9.9/10.0/10.1/10.2/10.3/10.4/10.5/10.6/10.7/10.8/10.9/11.0/11.1/11.2/11.3/11.4/11.5/11.6/11.7/11.8/11.9/12.0/12.1/12.2/12.3/12.4/12.5/12.6/12.7/12.8/12.9/13.0/13.1/13.2/13.3/13.4/13.5/13.6/13.7/13.8/13.9/14.0/14.1/14.2/14.3/14.4/14.5/14.6/14.7/14.8/14.9/15.0/15.1/15.2/15.3/15.4/15.5/15.6/15.7/15.8/15.9/16.0/16.1/16.2/16.3/16.4/16.5/16.6/16.7/16.8/16.9/17.0/17.1/17.2/17.3/17.4/17.5/17.6/17.7/17.8/17.9/18.0/18.1/18.2/18.3/18.4/18.5/18.6/18.7/18.8/18.9/19.0/19.1/19.2/19.3/19.4/19.5/19.6/19.7/19.8/19.9/20.0/20.1/20.2/20.3/20.4/20.5/20.6/20.7/20.8/20.9/21.0/21.1/21.2/21.3/21.4/21.5/21.6/21.7/21.8/21.9/22.0/22.1/22.2/22.3/22.4/22.5/22.6/22.7/22.8/22.9/23.0/23.1/23.2/23.3/23.4/23.5/23.6/23.7/23.8/23.9/24.0/24.1/24.2/24.3/24.4/24.5/24.6/24.7/24.8/24.9/25.0/25.1/25.2/25.3/25.4/25.5/25.6/25.7/25.8/25.9/26.0/26.1/26.2/26.3/26.4/26.5/26.6/26.7/26.8/26.9/27.0/27.1/27.2/27.3/27.4/27.5/27.6/27.7/27.8/27.9/28.0/28.1/28.2/28.3/28.4/28.5/28.6/28.7/28.8/28.9/29.0/29.1/29.2/29.3/29.4/29.5/29.6/29.7/29.8/29.9/30.0/30.1/30.2/30.3/30.4/30.5/30.6/30.7/30.8/30.9/31.0/31.1/31.2/31.3/31.4/31.5/31.6/31.7/31.8/31.9/32.0/32.1/32.2/32.3/32.4/32.5/32.6/32.7/32.8/32.9/33.0/33.1/33.2/33.3/33.4/33.5/33.6/33.7/33.8/33.9/34.0/34.1/34.2/34.3/34.4/34.5/34.6/34.7/34.8/34.9/35.0/35.1/35.2/35.3/35.4/35.5/35.6/35.7/35.8/35.9/36.0/36.1/36.2/36.3/36.4/36.5/36.6/36.7/36.8/36.9/37.0/37.1/37.2/37.3/37.4/37.5/37.6/37.7/37.8/37.9/38.0/38.1/38.2/38.3/38.4/38.5/38.6/38.7/38.8/38.9/39.0/39.1/39.2/39.3/39.4/39.5/39.6/39.7/39.8/39.9/40.0/40.1/40.2/40.3/40.4/40.5/40.6/40.7/40.8/40.9/41.0/41.1/41.2/41.3/41.4/41.5/41.6/41.7/41.8/41.9/42.0/42.1/42.2/42.3/42.4/42.5/42.6/42.7/42.8/42.9/43.0/43.1/43.2/43.3/43.4/43.5/43.6/43.7/43.8/43.9/44.0/44.1/44.2/44.3/44.4/44.5/44.6/44.7/44.8/44.9/45.0/45.1/45.2/45.3/45.4/45.5/45.6/45.7/45.8/45.9/46.0/46.1/46.2/46.3/46.4/46.5/46.6/46.7/46.8/46.9/47.0/47.1/47.2/47.3/47.4/47.5/47.6/47.7/47.8/47.9/48.0/48.1/48.2/48.3/48.4/48.5/48.6/48.7/48.8/48.9/49.0/49.1/49.2/49.3/49.4/49.5/49.6/49.7/49.8/49.9/50.0/50.1/50.2/50.3/50.4/50.5/50.6/50.7/50.8/50.9/51.0/51.1/51.2/51.3/51.4/51.5/51.6/51.7/51.8/51.9/52.0/52.1/52.2/52.3/52.4/52.5/52.6/52.7/52.8/52.9/53.0/53.1/53.2/53.3/53.4/53.5/53.6/53.7/53.8/53.9/54.0/54.1/54.2/54.3/54.4/54.5/54.6/54.7/54.8/54.9/55.0/55.1/55.2/55.3/55.4/55.5/55.6/55.7/55.8/55.9/56.0/56.1/56.2/56.3/56.4/56.5/56.6/56.7/56.8/56.9/57.0/57.1/57.2/57.3/57.4/57.5/57.6/57.7/57.8/57.9/58.0/58.1/58.2/58.3/58.4/58.5/58.6/58.7/58.8/58.9/59.0/59.1/59.2/59.3/59.4/59.5/59.6/59.7/59.8/59.9/60.0/60.1/60.2/60.3/60.4/60.5/60.6/60.7/60.8/60.9/61.0/61.1/61.2/61.3/61.4/61.5/61.6/61.7/61.8/61.9/62.0/62.1/62.2/62.3/62.4/62.5/62.6/62.7/62.8/62.9/63.0/63.1/63.2/63.3/63.4/63.5/63.6/63.7/63.8/63.9/64.0/64.1/64.2/64.3/64.4/64.5/64.6/64.7/64.8/64.9/65.0/65.1/65.2/65.3/65.4/65.5/65.6/65.7/65.8/65.9/66.0/66.1/66.2/66.3/66.4/66.5/66.6/66.7/66.8/66.9/67.0/67.1/67.2/67.3/67.4/67.5/67.6/67.7/67.8/67.9/68.0/68.1/68.2/68.3/68.4/68.5/68.6/68.7/68.8/68.9/69.0/69.1/69.2/69.3/69.4/69.5/69.6/69.7/69.8/69.9/70.0/70.1/70.2/70.3/70.4/70.5/70.6/70.7/70.8/70.9/71.0/71.1/71.2/71.3/71.4/71.5/71.6/71.7/71.8/71.9/72.0/72.1/72.2/72.3/72.4/72.5/72.6/72.7/72.8/72.9/73.0/73.1/73.2/73.3/73.4/73.5/73.6/73.7/73.8/73.9/74.0/74.1/74.2/74.3/74.4/74.5/74.6/74.7/74.8/74.9/75.0/75.1/75.2/75.3/75.4/75.5/75.6/75.7/75.8/75.9/76.0/76.1/76.2/76.3/76.4/76.5/76.6/76.7/76.8/76.9/77.0/77.1/77.2/77.3/77.4/77.5/77.6/77.7/77.8/77.9/78.0/78.1/78.2/78.3/78.4/78.5/78.6/78.7/78.8/78.9/79.0/79.1/79.2/79.3/79.4/79.5/79.6/79.7/79.8/79.9/80.0/80.1/80.2/80.3/80.4/80.5/80.6/80.7/80.8/80.9/81.0/81.1/81.2/81.3/81.4/81.5/81.6/81.7/81.8/81.9/82.0/82.1/82.2/82.3/82.4/82.5/82.6/82.7/82.8/82.9/83.0/83.1/83.2/83.3/83.4/83.5/83.6/83.7/83.8/83.9/84.0/84.1/84.2/84.3/84.4/84.5/84.6/84.7/84.8/84.9/85.0/85.1/85.2/85.3/85.4/85.5/85.6/85.7/85.8/85.9/86.0/86.1/86.2/86.3/86.4/86.5/86.6/86.7/86.8/86.9/87.0/87.1/87.2/87.3/87.4/87.5/87.6/87.7/87.8/87.9/88.0/88.1/88.2/88.3/88.4/88.5/88.6/88.7/88.8/88.9/89.0/89.1/89.2/89.3/89.4/89.5/89.6/89.7/89.8/89.9/90.0/90.1/90.2/90.3/90.4/90.5/90.6/90.7/90.8/90.9/91.0/91.1/91.2/91.3/91.4/91.5/91.6/91.7/91.8/91.9/92.0/92.1/92.2/92.3/92.4/92.5/92.6/92.7/92.8/92.9/93.0/93.1/93.2/93.3/93.4/93.5/93.6/93.7/93.8/93.9/94.0/94.1/94.2/94.3/94.4/94.5/94.6/94.7/94.8/94.9/95.0/95.1/95.2/95.3/95.4/95.5/95.6/95.7/95.8/95.9/96.0/96.1/96.2/96.3/96.4/96.5/96.6/96.7/96.8/96.9/97.0/97.1/97.2/97.3/97.4/97.5/97.6/97.7/97.8/97.9/98.0/98.1/98.2/98.3/98.4/98.5/98.6/98.7/98.8/98.9/99.0/99.1/99.2/99.3/99.4/99.5/99.6/99.7/99.8/99.9/100.0/100.1/100.2/100.3/100.4/100.5/100.6/100.7/100.8/100.9/101.0/101.1/101.2/101.3/101.4/101.5/101.6/101.7/101.8/101.9/102.0/102.1/102.2/102.3/102.4/102.5/102.6/102.7/102.8/102.9/103.0/103.1/103.2/103.3/103.4/103.5/103.6/103.7/103.8/103.9/104.0/104.1/104.2/10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