105x150mm

Thermal Label Printer

quick start guide

Operation Manual
(Ver 1.0)

1.Safety instructions

Attention

1) The priner should be installed in a flat, stable place;

2) Leave enough space around the printer to operate and maintain;

3) The printer should stay away from the water and avoid direct sunlight, strong light and heat source.

4) Do not use and save printers in high temperatures, humidity, and pollution.

5) Avoid placing the printer in a place where there are vibrations and shocks;

6) Connect the power adapter of the printer to an appropriate grounding socket to avoid using the same socket with the large motor or other equipment that can cause the power voltage fluctuation.

7) If the printer is not used for a long time, please disconnect the power of the printer power adapter.

8) To ensure print quality and product life, recommended or equivalent quality paper is recommended.

9）When the interface is plugged or disconnected, the power supply must be turned off, otherwise the printer control circuit may be damaged.

10）The user shall not disassemble the printer for repair;

11）Keep this manual for reference.

2.Unpacking list

Printer main body

Power adapter

USB cable

Quick start guide

3、Characteristics and Performance

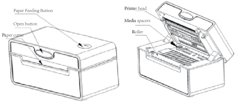
1.1 Printing
• Method：Thermal Directly
• Width：110mm±0.5mm
• Resolution：203 dpi（8dot/mm）
• Speed： Max150mm/s
• Reliability
Printer head life：50km
Working conditions：
*Printing 12x24 Western characters, 50 lines at a time, and repeat intermittently
*Printing no more than 25% of each line at the same time, and no more than 11 vertical reprints of each character at the same dot.
*Using appointed label paper
•Printing width:108±0.2mm
1.2 Printing Paper
•Label paper model
•Label paper width:110mm±0.5mm
1.3 Printing character
•ANK character
12x24dot 1.5（W）x3.0（H）mm
•National standard one,Second-level Chinese character library
24x24dot 3.0（W）x3.0（H）mm
1.4 Interface
•USB
1.5 Printing control command

Support CPCL\TSPL\JPL instruction

1.6 Power supply
•DC24V±10%，3.0A。
1.7 Working environment
•Operation environment：-10~+50℃ Relative humidity：10~80%
•Storage environment：-20~+60℃ Relative humidity：10~90%
1.8 Dimensions
191. 15(L)x97.3(W)x101(H)mm

4、Operation Instruction

4.1 Printer Body



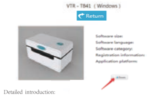
IV)TR-TB41 Windows system download and installation process

First, quit the computer all anti-virus software, 360 anti-virus software, KingSoft anti-virus software etc

4.1.Go to below link address to download the installation driver

https://www.paperang.com/download/app/driver/TB-41.rar

4.1.4Download installation driver



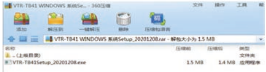
VTR - TB41 (Windows)

Return

Software size:
Software language:
Software category:
Registration information:
Application platform:

Detailed introduction:

4.1.5 Unzip the installation package

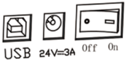


VTR-TB41 WINDOWS 系统Se... - 360压缩

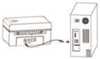
VTR-TB41 WINDOWS 系统Setup_20201208.rar - 解包大小为 1.5 MB

名称	压缩前	压缩后	类型
..(上级目录)			文件夹
VTR-TB41Setup_20201208.exe	1.5 MB	1.4 MB	应用程序

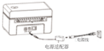
4.1.6Power port, communication port, power on/off



4.1.7Connect the USB cable to the printer

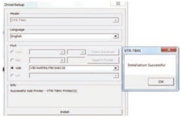


4.1.7Connect the power cable to the printer



4.1.8 Power on/off

4.1.9 Select USB, and click installation.



DriverSetup

Model: VTR-TB41

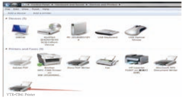
Language: English

Port: ● Usb VID:0x0FE6,PID:0x811E

Info: Successful Add Printer - VTR-TB41 Printer(2)

VTR-TB41

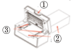
Installation Successful



Install successfully

4.2Paper feed

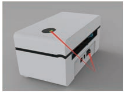
Press ① push button to open the top cover. Feed in ② the thermal paper into the printer. Push ③ media spacers to fix the thermal paper then close the top cover as shown below picture:



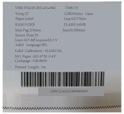
4.3.Self-test page printing

4.3.1Self-test page printing

Self-test page printing is shown as below: Press the printing button and turn on the power button at the same time after the power cable and USB cable are connected. Then the self-test page can be printed.



4.3.2 Self-test page



VER:TG4.03 2021-01-08d Dark:14
Temp:27 USB:Printer Class
Paper:Label GapAd:776mv
RAM:512KB FLASH:16MB
Max Pag:210mm Search:200mm
Sensor Duty:55
Least AD diff required:0.3 V
Label Language:JRL
Label Calibration : MAMUAL
NO Paper AD :0*20 0.4V
Codepage : GB18030
Printed Length : 1m

128912145421899989595

4.4Indicator light button and buzzer explanation

4.4.1 With bluetooth

Power on: Blue indicator light blinks slowly

Paper out: The red indicator light blinks slowly and the buzzer beeps three times.

Open cover: The red indicator light is always on and the buzzer beeps six times

Bluetooth connection: The blue indicator light is always on

4.4.2 Without bluetooth

Power on: The green indicator light is always on

Paper out: The red indicator light blinks slowly and the buzzer beeps three times.
Open cover: The red indicator light is always on and the buzzer beeps six times.
The button displays red light indicates paper out.

4.4.3 Bluetooth

Bluetooth support 2.0, 4.0

4.3.1 The button displays red light

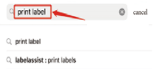
4.3.2 The button displays green light

TB41说明书

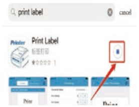
V)

5.1 Download APP: Input the **“ print label ”** in the search bar on **Google Play** or **App Store**

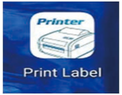
5.2.Input the ’ print label ’ in the search bar kindly please reference belowpicture


print label
cancel
print label
labelassist : print labels

5.3. Go to the download status then download and install

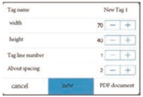


5.4 The successful installation icon is shown below

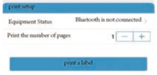


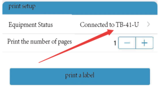
5.5. Create the template kindly please reference below picture

To set the size of label paper, and click New

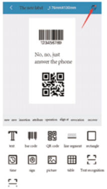

Tag name New Tag 1
width 70
height 40
Tag line number 1
About spacing 2
cancel | new | PDF document

5.6.Connect the Bluetooth TB41-U on the printer kindly please reference below picture


print setup
Equipment Status Bluetooth is not connected
Print the number of pages 1
print a label


print setup
Equipment Status Connected to TB-41-U
Print the number of pages 1
print a label

5.7. Label printing



6.U disk contents

6.1.The WINDOWS driver

6.2.The MAC driver

6.3. Electronic instruction manual

6.4.download and installation driver for guide video

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

· Increase the separation between the equipment and receiver.

· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

· Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your b

General Troubleshooting

1.Printer can be printed self-test page,but installed driver does not work?

A:Please check if the driver is installed correctly or not. If correct, just please check the printer port selection is correct or not.If all correct,please send back to the designated maintenance point to repair.

2.Printer does not feed the paper out?

A:The movement sensor is dirty, please use a soft brush to clean the sensor,if still can not feed the paper out aftercleaning,pleasesend backto the designated maintenance point to repair.

3. The control panel light is not on?

A:Please check the power cord is inserted correctly into the printer and power adapter and power outlet, check the printer power switch 1s turned on or not

(or the battery has power or not), if these are all normal, please send back to the designated repair point to repair

4:After the printer is working for a while, the red light is suddenly flashing(have paper roll)?

A:The print head may be overheated,if the print head temperatuer is too high theprinter would be stopped working , just stop to print for a while.If the printer still not work,please send back to the designated maintenance point to repair

5:If the water gets into the printer, how to do?

A:Immediately turn off the power, use the hair dryer to dry the motherboardand the movement and other components, of course please pay attention to the temperature , the temperature can not be too high, the normal temperature should be about 50'C

6.The printer can be not run start?

A:The battery may not have no power,please chargeit by the factory standard power charger,if still not work,please send back to the designated maintenance point to repair.

7.Can not search the printer via Bluetooth connected ?

A:Please check the equipment "Bluetooth" function is started or not, and the communication is normal or not, and then re-plug the"Bluetoothmodule"of the printer to have a check, if still not ok, please sendback to the designated maintenance location to repair.

8.The print data is missing when the printer are prinling in progress?

A:Firstly look at if each labels are same size or not , if not , just replace the label.If the label is no problem, then it is the machme failed to detect the paper, need to re-test paper.Re-start the printer to try again,if there are still problems,pleasesend back to designated maintenance location to repair

9.The paper can be feed out,but can not print anything on the paper.

A:Check if the paper is putted in the opposite direction or paper is not thermal paper, if so, please according to the instructions to put the paper in the correct way

10.The paper is feed normally during printing, but only can be printed half of content or Printed garbled.

A:Restart the print program,re-create a new label, and reset the layout on the label, select the correct print driver to print to check if it is ok or not. If still not ok. then you can try to uninstall the software and re-install to check. Or you can change another computer to havea try

11.The printer runs normally when printing,but the machine does not respond when printing.

A:Check if the interface of printer is correct connect or not.and check the port settings of printer driveris correct or not.Click Start Menu ->Settings- >Printers-> Select printer driver,thencheck->Properties ->Port -> Select USB001 or USB002orUSB003

12.The content what print out is not clear

A:Firstly please check if the prin thead is dirty or not.if dirty,please clean the print head (Note: When cleaning the printhead, it must power off the printer first), and then set the next print temperature or change to print anotherfont (bold font).If still not ok.maybe the quality of the label paper is not good,please replace the label paper to havea try

13.Not clear when printing and black lines appear

When cleaning the print head. be sure to power off the power of the printer.otherwise

A:Firslly try to clean the print head, if still not ok, have to replace the print head. (Note the print head is easily damaged).

14.The printer blinksand does not detect the paper while printing(Zebra machine)

Cause. The sensor is faulty.

A:Clean the dust on sensor surface or replace the sensor

15.When printing a label, some words can be not printed out

Cause: The print head is dirty and the layout is wrong

A:Please clean the print head,And please chec kthat if the contents are overlap when pnnting, if so. please re-typesetting

16.Printing software can not be typesettjing.

The reason:the software is not installed or the computer problem.

A:Re-install the software,if still not ok,it may be a virus in the computer,piedse kill the virus or re-install the operating system.

17.In the printing process,the content what printed out are not the same size as the actual content.

A:Choose the correct printer drivre.

18.Jumping paper often occurs when printing

A:If the paper size and spacing settings are correct,then restare the printer and check if the printer drive Settings are correct or nor.

4 . Daily maintenance of printer

Dirt, foreign objects, sticky substances, or other contaminants that adhere to the printhead or printer may reduce print quality. When dirty, clean the print head as follows.

※ considerations

1）Always turn off the printer before cleaning
2）The printhead gets very hot due to printing. Therefore, if you want to clean the printhead, turn off the printer and wait for 2 to 3 minutes before starting.
3）When cleaning the print head, be careful not to touch the heating part of the print head so as to avoid the damage of the head due to static.
4）Be careful not to scratch or damage the printhead.

7.1 Clean the printhead

1）Open the printer cover and use a cleaning pen (or cotton swab moistened with thin alcohol) to clean it all the way to the center of the printhead.
2）After cleaning the printhead, do not use the printer immediately and wait for the alcohol to evaporate completely (1 to 2 minutes) before the printhead is completely dry.

7.2 Clean sensor, roller and paper path

1）Open the cover and remove the paper roll.
2）Wipe off dust or foreign objects with a dry cloth or cotton swab.
3）Soak cotton cloth or cotton sticks in medical alcohol and use them to remove sticky foreign or other contaminants.
4）Do not use the printer immediately after cleaning the parts. Allow the alcohol to evaporate completely (1 to 2 minutes) before the printer is completely dry.

※ Clean parts when print quality or paper detection performance is degraded.