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SPECTRA T810 Mobile Terminal Installation Guide

Contents

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Terminal and Battery Storage Guideline

- If the battery will not be used for a long period, please charge it to only 50% of the battery capacity (battery indicator displays half full, 2 units); remove it from the terminal and store in a cool place. This can minimize the life deterioration caused by self-discharge
- DO NOT store bare battery together with metal, avoid humid and hot storage
- During storage period, please recharge the battery once every 3 months

Accident Handling

- During charging, if the battery or the charger exhibits any abnormity such asoverheat, fuming, swelling & chemical leakage, disconnect power immediately, remove the battery from the charger, put it in a safe place and advise the supplier
- Li-Polymer Battery does not contain liquid electrolytes. Just in case human body touches the electrolyte, rinse with water and seek medical advice immediately
- Batteries having electrolyte leakage or chemical odor must be distant from fire source to prevent explosion
- If accidentally short the battery put it in a non-conductive container and keep it away from flammable objects
  Battery Disposal
  Protect your lovely Planet, please dispose the old batteries according to Government regulations

Safety & Maintenance

Basic Safety Practice

- While using T810 and its accessories, please follow the safety instruction to avoid fire, electric shock and personal injury
- Read this instruction in detail
- Disconnect the power and accessories betore cleaning, use dry flannelette and soft brush for cleaning
- Do not put the terminal near water
- Do not spray any liquid onto the terminal
- For the desktop purposes, put the terminal on stable platform to avoid damage by drop
- Keep the terminal away from high temperature and poor ventilation area
- Ensure electricity supply is safe and stable
- To avoid electric shock, do not disassemble the terminal by yourself. Send it to agency for repairing if necessary
- Do not use T810 and its accessories during explosive gas leakage
- For modem version, do not install telephone line during lighting
- If possible, disconnect the telephone line before storming to avoid electric shock
- For the following cases, disconnect power, other accessories and send for repairing,
  - Damage to the power cable or plug
  - Liquid get into pinpad
  - Pinpad gets wet in raining
  - Still abnormal function after following all the instruction mentioned
  - Pinpad broken
  - Pinpad obvious abnormal

Safety Warning

- Using the provided T810 power adaptor to power the terminal
- During using wireless communication, keep human body at least 1.5 cm apart from the terminal. Keep the terminal away from other antenna or wireless device.
- Do not touch the thermal printer head and paper cutter

Location for Installation

- Should be safe and convenient for operators and users
- Should be placed on stable working platform during desktop operation for ease of power and accessories connection
- Good ventilation and should have 22cm space around the pinpad
- DO NOT expose the terminal in following environment
    - Near electrical appliance with high frequency EM wave such as air conditioner, electric fan, motor, neon sign etc.
    - Liquid container such as water trough, sink, pond etc.
    - High temperature or humidity place
    - High containing of VOC, saity and dusty area
    - Sunlight or high thermal radiation area
    - Near demagnetizing system and magnetic security system

Maintenance

T810 has been designed to provide stable service for users with less maintenance. In order to ensure best performance, we suggested the followings: Avoid exposing in sunlight, high temperature, high humidity and dusty area

- Keep in dry, clean and tidy environment
- Do not keep in extreme hot and cold place
- DO not disassemble the AC/DC power adaptor
- Do not impact and thrash the terminal heavily
- Do not disassemble the terminal (except opening the Battery Cover). Disassembling will erase all data and lead to abnormal running

    Cleaning of T810
- Use flannelette to remove dust on terminal
- Use mild alcohol to remove stubborn stains
- If possible, use low pressure blower to blow out dust on keypad
- Use flannelette or lens cleaning paper to clean the display

Printer Cleaning

- Disconnect power cable from the terminal
- Open printer cover, take out paper and roller
- Remove dust and paper scrap inside paper tray. Use low pressure blower to clean the paper tray if possible.

- Do not touch the thermal printer head and paper cutter during cleaning
- Put back paper and roller into paper tray
- Close the printer cover

Send for repairing
If it is necessary to send back T810 for repairing, please contact the agency, pack the terminal properly (use original packing material if possible) to avoid damage during transportation

Trouble Shooting

T810 has been designed to provide stable service for users. However, there would be some minor problems during in use. Before sending back for repairing, users can try the following simple procedures to fix the problems themselves
Terminal, not function

1. fit is powered by power adaptor, check whether the connection of power cord or power adaptor is connected properly
2. If it is powered by a power adapto, try to check whether the AC source is error free by plugging with other electrical appliance
3. If it is powered by power adaptor, try to replace the adaptor with another one
4. If it is powered bY power adaptor, try to replace the electric power socket with another one
5. Try to adjust the LCD contrast
6. Contact agency if the problem cannot be solved

Unsuccessful transaction

1. Try to use other magnetic card or IC card for transaction
2. Check whether the way of swiping card or inserting card is correct
3. Check whether all wire ends are connected properly
4. Contact agency if problem cannot be solved

Malfunction on printer

1. If the terminal is powered by battery, check the battery level and charge the battery, replace new battery or else power the terminal by adaptor.
2. If it is powered by power adaptor, check whether the connection of power cord or power adaptor is connected properly
3. Open printer cover, check whether the paper is used up
4. Check whether the way of paper feeding is correct, please refer to section 1.5
5. The printer accepts thermal paper only, check whether the paper roll is the correct type, please refer to section 1.5
6. Check whether the paper is jammed or damaged. Try to open the printer cover and smooth the paper path.
7. Contact agency if problem cannot be solved

Malfunction on magnetic card reader

1. Check whether the way of card swiping is correct, speed is normal, please refer to section 2.2

2. Try to swipe in opposite direction

3. Try to use another card

4. Contact agency if problem cannot be solved

Malfunction on IC card reader

1. Check whether the way of card insertion is correct, please refer to section 2.2

2. Check whether the card is completely inserted

3. Try to use another card

4. Contact agency if problem cannot be solved

Other Information

- **Dimensions &Weight**
- **Size:** 166 () x81(W) x 57H) mm (Excluded protruded part)
- **Weight:** 340g (Terminal with battery)
- **Operating enrvironment**
- **Temperature:** 0°C-45°C
- **Humidity:** 0% – 85% (non-condense)
- **Power input** DC 5.0V, 1.OA

Message for product approval
This product complies with the following standards

CE approval

- FCC approval/ Contains FCC ID: VwZT810
- This manual is subject to change without prior notice
- EU Regulatory Conformance Hereby, SPECTRA Technologies Holdings Co., Ltd. declares that this device is in
- compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.\

Caution
Risk of explosion it battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

FCC rules

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 interterence, and (2) this device must accept any interference received, including nterterence 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 desigrned to provide reasonable protection against harmtul 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

interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interterence by one or more of the following measure

- 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 s connected
- Consult the dealer or an experienced radio/TV technician tor help.

  RF EXpOSure

  This equipment complies with FCC's RF radiation exposure limits set forth for an uncontrolled environment.

  End user must tollow the specific operating instructions tor satistying RF exposure compliance. This transmitter must

  not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

	[**SPECTRA T810 Mobile Terminal**](#) [pdf] Installation Guide T810, VWZT810, T810 Mobile Terminal, Mobile Terminal