



## Verifone T650P Point of Sales Terminal User Manual

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### T650P Point of Sales Terminal User Manual

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## Electrical

### Separate Power Sources

Before you connect the terminal power pack to an electrical outlet, check that the on-off power switch on the terminal is off. If the terminal does not have an on/off switch, check that the power cable connector is removed from the terminal's power port. Or, when connecting the terminal to a power pack, always connect the plug of the power pack to an electrical wall outlet first. Then connect the power cable to the terminal's power port. The reference input power rating is as follows:

- Input Voltage: 100-240 V AC, 50/60 Hz
- Output Voltage: 5 V DC, 2.5 A

Model T650p is intended to be provided with an appropriately certified power module suitable for the destination country with an output rating of 5 V DC, 2.5 A and evaluated as a Limited Power Source, output rated SELV, non-

energy hazardous. Suitability of power module subject to auditing agency's discretion.

### **AC Adapter**

The AC adapter is designed to ensure your personal safety and to be compatible with this equipment. Please follow these guidelines:

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter. Avoid locations with restricted airflow.
- Connect the adapter to a proper power source. The voltage and grounding requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the adapter. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

## **Disconnecting Power**

Disconnecting power during a transaction may cause transaction data files that are not yet stored in terminal memory to be lost.

### **Location — Electrical Considerations**

**WARNING!** This device contains sensitive electronic components that can be permanently damaged if exposed to excessive shock, electrical interference, or vibration.

**CAUTION:** Due to risk of electrical shock or unit damage, do not use the unit near water, including a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool. Also, avoid using this product during electrical storms. Avoid locations near electrical appliances or other devices that cause excessive voltage fluctuations or emit electrical noise (for example, air conditioners, neon signs, high-frequency or magnetic security devices, or electric motors).

## **Equipment**

### **Damage**

Carefully inspect the shipping carton and its contents for any damage. If the unit or any product component appears damaged or to have been tampered with, immediately notify the shipping company and your Verifone distributor or service provider. Do not use a Verifone Carbon Mobile 5 unit that has been tampered.

### **Repairs**

Do not, under any circumstances, attempt any service, adjustments, or repairs on this equipment. Instead, contact your local Verifone distributor or service provider for assistance. Failure to comply may void the product warranty.

### **Location — Environmental Considerations**

Do not plug the power pack into an outdoor outlet. The terminal is not waterproof or dustproof and should not be used outside the normal operating temperature range. Any damage to the unit from exposure to water or dust may void your warranty. Do not use the terminal where there is high heat, dust, humidity, moisture, or caustic chemicals or oils. Keep the terminal away from direct sunlight and anything that radiates heat, such as a stove or a motor.

**WARNING!** Your POS Terminal contains sensitive electronic components that can be permanently damaged if exposed to excessive shock or vibration. To minimize the risk of damage to your Terminal, avoid dropping your Terminal and operating it in high-shock and high-vibration environments. Do not store the Terminal where prolonged exposure to extreme temperature can occur, because it can cause permanent damage. Do not expose the Terminal to water. Contact with water can cause this unit to malfunction.

### **Cleaners and Solvents**

Never use thinner, trichloroethylene, or ketone-based solvents to clean the Verifone Carbon Mobile 5 these may deteriorate plastic or rubber parts. Do not spray cleaners or other solutions directly onto the keypad or display. For best results, use a clean cloth dampened with water and mild soap. To remove stubborn stains, use alcohol or an alcohol-based cleaner.

### **Battery Pack Instruction for Portable Product**

Dispose of the battery pack in accordance with all national, state, and local laws and regulations as regionally

required. Some batteries may be recycled and may be accepted for disposal at local recycling centers.

**CAUTION:** There is a risk of explosion if the battery is replaced by an incorrect type.

### **T650p Certifications and Regulations**

Verifone Part Number: D00560-005-EN-A, Revision A.1

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## **T650p Certifications and Regulations**

### **FCC Compliance**

The following product has been tested and certified as compliant with the regulations and guidelines detailed below. Manufacturer: Verifone, Inc. Brand, Model: T650p

#### **Part 15 of FCC Rules**

This device complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules which provide reasonable protection against harmful interference in a residential installation. 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. 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. In the unlikely event that there is 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 interference by one 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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. The use of a shielded interface cable is required to comply with the Class B limits of Part 15 of FCC Rules. Any changes or modifications to this equipment not expressly approved by Verifone could void the user's authority to operate this equipment.

**NOTE:** The country code selection is for non-US models only and is not available for all US models. Per FCC regulation, all Wi-Fi products marketed in the US must be fixed to US operational channels only.

### **RF Exposure**

**CE** The T650p complies with the Radio Equipment Directive (2014/53/EU) issued by the Commission of the European Community. A minimum separation distance of 0 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe for T650p. A minimum separation distance of 0mm is tested for Limbs SAR-10g/4.0W/kg criteria for T650p

## **Notice for Operating Frequency and Output Power**

NFC: dB pA/m at 10m Type A (-0.84), Type B (-0.41)

WLAN (2.4G): 802.11b/g/n20 (EIRP); 16.54dBm; 16.34dBm; 15.54dBm

WLAN (5G): 802.11a/n20/n40 (EIRP), 13.92dBm; 13.21dBm; 13.46dBm

WLAN (BT): EDR/LE (EIRP), 9.98dBm; 0.59Bm 2G: GSM900/GSM1800, 33dBm, 30dBm 3G (UMTS/WCDMA).

Band I/Band VIII, 23.7dBm, 23.8dBm 4G(LTE):

Band 1/3/7/8/28/40, 23.9dBm/23.9dBm/23.8dBm/24dBm/24.8dBm/23.8dBm

### **Notice for WLAN**

For the 5G Band (VLAN:5150-5350 MHz) This device is restricted for indoor use only when operating in the 5150 to 5350 MHz frequency range.

### **Legal Terms and Conditions Regarding PCI SSC Approvals**

PCI SSC's approval only applies to PEDs that are identical to the PED tested by a PCI Security Standards Council recognized laboratory. If any aspect of the PED is different from that which was tested by the laboratory – even if the PED conforms to the basic product description contained in the letter, then the PED model should not be considered approved, nor prompted as approved.

For example, if a PED contains firmware, software, or physical construction that has the same name or model number as those tested by the laboratory, but in fact are not identical to those PED samples tested by the laboratory, then the PED should not be considered or promoted as approved. No vendor or other third party may refer to a PED as “PCI Approved,” nor otherwise state or imply that PCI SSC has, in whole or part, approved any aspect of a vendor or its PEDs, except to the extent and subject to the terms and restrictions expressly set forth in a written agreement with PCI SSC, or in an approval letter. All other references to PCI SSC’s approval are strictly and actively prohibited by PCI SSC.

When granted, approval is provided by PCI SSC to ensure certain security and operational characteristics important to the achievement of PCI SSC’s goals, but the approval does not under any circumstances include any endorsement or warranty any products or services provided by third parties. Approval does not, under any circumstances, include or imply any product warranties from PCI SSC, including, without limitation, any implied warranties of merchantability, fitness for purpose or non-infringement, all of which are expressly disclaimed by PCI SSC. All rights and remedies regarding products and services, which have received approval, shall be provided by the party providing such products or services, and not by PCI SSC or the payment brand participants.

## Operating temperature

The product is designed to work in an ambient temperature (TMA) between 0° and 50 °C.

### Notice for label location

The label of our device will be affixed under the battery compartment for your reference.



**Recycling: DO NOT DISCARD!**


UNIT MUST BE RECYCLED OR DISPOSED OF PROPERLY

For proper disposal instructions, go to <http://recycle.verifone.com>

Please retain this sheet for future reference.



## Documents / Resources

	<a href="#">Verifone T650P Point of Sales Terminal</a> [pdf] User Manual T650P, B32T650P, T650P Point of Sales Terminal, Point of Sales Terminal, Sales Terminal, Terminal
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