


ROAMTM
POWERING MCOMMERCE
An *ingenico*® company



RP750x

USER GUIDE

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1. Introduction

Thank you for choosing a ROAM mobile payment terminal.

We recommend that you to read carefully this installation guide: It will give you the necessary information about safety precautions, unpacking, installation and maintenance of your terminal.



WARRANTY / SECURITY

In order to benefit from the product-related guarantee and to respect security, we ask you to use only accessories delivered in box with the product, entrusting maintenance operations only to an authorized person.

RP750 is battery powered, use only ROAM parts for replacement:

RP750 can be powered via μ USB. RP750 can be charged with the μ USB cable connected to a mobile phone charger.

Failure to comply with these instructions will void the manufacturer's responsibility.



This symbol indicates an important Warning.



This symbol indicates a piece of advice.

2. Unpacking



ADVICE

Carefully keep the RP750x original packaging. It must be re-used whenever the terminal is shipped.

RP750x range includes RP750x, RP750c, RP755x, RP755c, RP757x, RP757c devices

Following items are included in the RP750xbox:



The RP750x terminal



μUSB cable



This User guide

An optional audio cable might also be included for terminals that support communication with third part device via audio jack.



ADVICE

Your terminal is delivered with a protective see through film. We advise that you leave this protective film to ensure optimum protection of your terminal. Film presence does not alter in anyway the use of the terminal.

3. Recommendations

3.1. Safety

Lithium battery

RP750xis fitted with a lithium battery which is not accessible to the user. Only a qualified technician is authorized to open the unit and change this component.

Battery

RP750x is fitted with a rechargeable Lithium-ion battery specifically designed for this terminal. It is not accessible to the user.

- Only use chargers with rating that match the power ratings.
- Do not attempt to open the terminal.
- Do not store your terminal unattended in a vehicle.
- If the battery has to be replaced, this operation requires to be performed by qualified staff.



Warning

Risk of explosion if battery is replaced by an incorrect type, do not disassemble, use specified charger only, do not short-circuit, do not dispose of in fire, do not throw in water, dispose of used batteries according to the instructions.

3.2. Security of your terminal

Upon receipt of your terminal you should check for signs of tampering of the equipment. It is strongly advised that these checks are performed regularly. You should check, for example: that the keypad is firmly in place; that there is no evidence of unusual wires that have been connected to any ports on your terminal or associated equipment, the chip card reader, or any other part of your terminal. Such checks would provide warning of any unauthorised modifications to your terminal, and other suspicious behaviour of individuals that have access to your terminal. Your terminal detects any “tampered state”. In this state the terminal will repeatedly flash the message” Alert Interruption!” and further use of the terminal will not be possible. If you observe the “Alert Interruption!” message, you should contact the terminal helpdesk immediately.

You are strongly advised to ensure that privileged access to your terminal is only granted to staff that have been independently verified as being trustworthy.



CAUTION

NEVER ask the customer to divulge their PIN Code. Customers should be advised to ensure that they are not being overlooked when entering their PIN Code.

3.3. FCC & IC Compliance.

FCC & CE has a specific naming.

The references used for FCC & CE certifications are:

RP750x:

- FCC_ID: XXXX-XXXXX
- CE: XXXX-XXXXX

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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 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 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.

15.19 (a) (3)

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 of the device.

RF Exposure Statement

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

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



CAUTION

The user is cautioned that any changes or modification not approved by ROAM could void user's authority to operate the equipment.

3.4. Bluetooth SIG

This equipment is compliant with:

- System specification – BLE 4.0 **xxxx-xxxx**
- SSP protocol

3.5. Main Characteristics

The main technical characteristics of RP750x are:

Weight	95.35g
Dimensions(L x w x h)	101.2mm x 56.5mm x 17mm
Battery	Li-ion - 450mAh

Operating conditions

Operating temperature	+0°C to +50°C (charging), -10° C + 45°C (standalone)
Connections on terminal	Micro USB AB link (5v 450mA)

Storage conditions

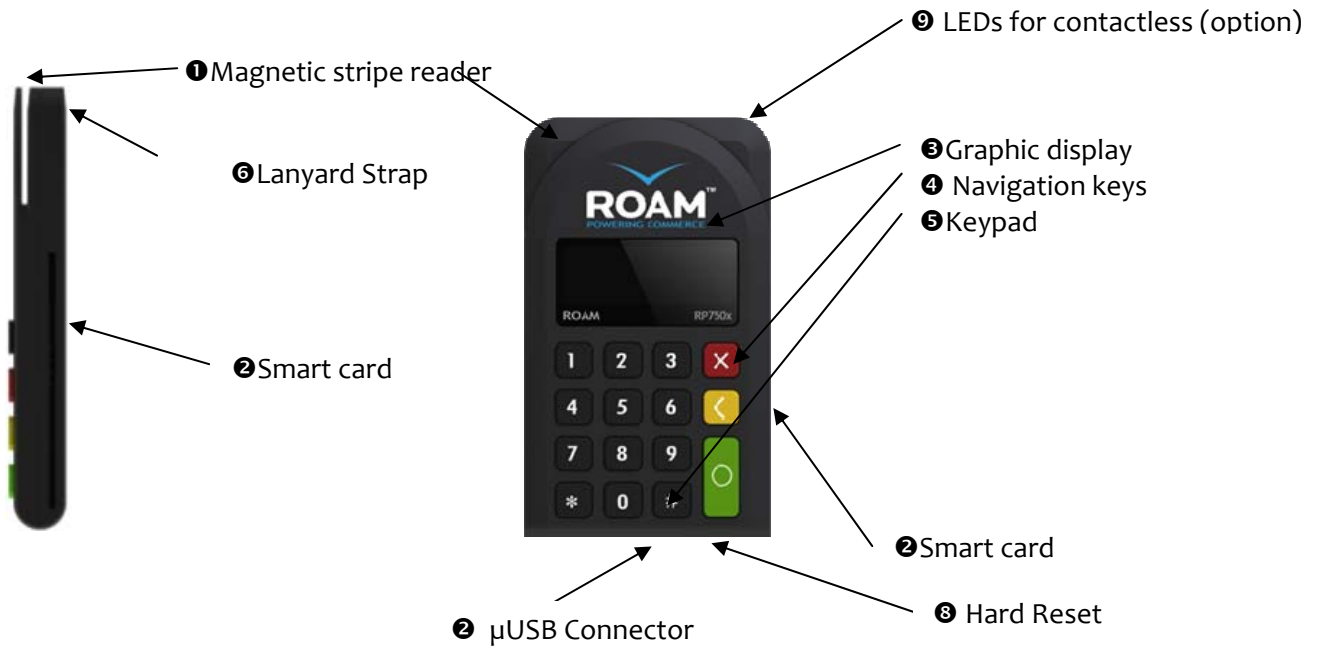
Storage temperature	from -10°C to +70°C
Max relative humidity	5 to 90%, non-condensing at 40°C operational

4. Installation and connection

For following part of the user guide, the RP750x is named Terminal while the device which may be paired with RP750x(tablet, smartphone, PDA) is name Third Party Device.

4.1. Functional description

The Terminal is a secure EMV Chip & PIN mobile payment pinpad to be used via Bluetooth or audiojack with third party devices. The Terminal allows merchants to convert a smartphone or a tablet into a powerful & secure POS solution.



4.2. Charging Terminal

- Before using the terminal for the first time, it requires to be charged for about 3 hours via a computer USB port power output of 450 mA.
- Further full charging of the terminal battery requires via a computer USB port is about 3 hours.

A battery indicator is provided on the terminal display, indicating the charge level of the terminal battery. When connected to a charger, the symbol changes to charging.



4.3. Terminal in its environment

RP750x is a mobile terminal. Always place the terminal away from any source of heat and protected from dust, vibrations and electromagnetic radiations (away from beamers, anti-shoplifting barriers, ...).

Cardholder should always enter PIN (Personal Identification Number) in such a way to make PIN spying impossible.

4.4. Power on



To power on the terminal press the Green Button located on the terminal.

RP750x powers off on its own after a time. Alternatively, you can long press the Red button to turn off the device.



Would reboot of your terminal be required, unplug all cables, then press reset button present on the bottom of the device next to the USB slot. You will need a pin or tip of a pen to engage the Reset button.



CAUTION

Reboot the terminal using the reboot switch may cause loss of application data. Make sure you have finished operation before it.

4.5. Connection

4.5.1. USB cable connection

A μ USB connector is located on the bottom of the terminal.

- Present the device in front of the connector and plug it



CAUTION

Use only ROAM cable or accessory not to void warranty.

4.5.2. Cable disconnection

- Present the device in front of the connector and unplug it.

5. Daily use

5.1. Getting started with RP750x

- Switch on the terminal by pressing the Green key located on the right hand side of the terminal
- Follow the terminal initialization procedure. This procedure differs from a customer to another. Please refer to your payment service provider.

5.2. Using Bluetooth on RP750x

Bluetooth is enabled by long pressing the Bluetooth button for 2 seconds. The Bluetooth button can be found in the lower left corner of the keypad. The Bluetooth button is shared with the * button. This will bring the Bluetooth option. Options include “pair new device”, “clearing entire paired list” and “restoring factory settings”. By selecting the “pair new device”, the RP750x will be visible for 120 seconds for a device to pair to. After 120 seconds, the RP750x goes back to invisible mode.



ADVICE

The RP750x can be paired with a maximum of 4 third party devices. If additional device needs to be paired, the existing paired list of devices has to be cleared.

5.3. Terminal keypad

RP750x keypad consists in 15 keys.



5.4. Card reading

5.4.1. Swiping a card

- Insert the card manually in the swiping slot at the top of the terminal, magstripe-facing up, as illustrated below.



Swipe the card with constant speed, not too slow not too fast, for optimum reading accuracy.



5.4.2. Inserting a chip card

- Chip Cards should be inserted into the terminal as illustrated below with the chip facing up and into the card reader



6. Maintenance



ATTENTION

Before any maintenance operations on the terminal, make sure that all cables are disconnected.

6.1. Cleaning of the terminal

First of all, unplug all cables from the terminal.

Good rules for proper cleaning of the terminal are:

- Do not clean the electrical connections.
- Do not use in any case solvents, detergents, alcoholic or abrasive products as those materials will damage the plastic or electrical contacts.
- Avoid exposing the terminal to direct sunlight.
- Do not insert anything but cards into the smart card readerslot.

6.2. Transport and storage

- Use the original packaging for unit storage.
- Disconnect all cables from the terminal during transportation.

6.3. Troubleshooting

The terminal does not turn on:

- Battery level is too low
- Check the USB connection
- Make sure the PC is turned on
- Check that the wall plug PSU is fully inserted in the electrical socket

The terminal fails to establish connection with third party device

- Check that the third party device is correctly powered.
- Check the configuration of the third party device.
- Check both terminal & third party device are paired (refer to the pairing user guide).
- Check both terminal & third party device are connected via Bluetooth.
- Seek technical support.

Cards are not read

- Check that the magnetic card is swiped correctly (with magnetic stripe inserted into the slot & facing towards the keypad).
- Swipe again the card with a constant movement.
- Check that the magnetic stripe is not damaged, grooved or cracked.
- Make sure you have inserted correctly the smart card into the smart card reader and that the card has been removed after the transaction.

6.4. Environment (WEEE, Batteries and Packaging)

This product is labeled in accordance with European Directives 2002/96/EC concerning Waste Electrical and Electronic Equipment (WEEE) and 2006/66/EC concerning Batteries and Accumulators. Those provisions are requiring producers and manufacturers to become liable for take-back, treatment and recycling upon end of life of equipment and batteries.



The associated symbol means that WEEE and waste batteries must not be thrown away but collected separately and recycled.

ROAM ensures that efficient collection and recycling schemes are set-up for WEEE and batteries according to the local regulation of your country. Please contact your reseller for more detailed information about the compliance solution in place for disposing of your old product and used batteries.

Packaging waste must also be collected separately to ensure a proper disposal and recycling.

Please note that proper recycling of the electrical and electronic equipment and waste batteries will ensure safety of human health and environment.

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