



User Manual

UM-230, UC-230

**Version : 1.0
19 April 2013**

The contents of this installation guide product improvement or feature changes are subject to change without prior notice.

User Manual

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1. PURPOSE of DOCUMENT

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2. REFERENCE

UM-230 is an EFT-POS terminal, which runs Linux. UM-230 is an online transaction terminal to complete versatile roles not only credit card transactions but also keeping records of sales in total, current states, any data you want including their updates.

UM-230 operates based on the cutting-edge Linux OS which enables users to achieve a very high degree of works swiftly.

UM-230 not only increases convenience of your work by using credit card transaction and print-out receipts, but also allows you to refer a bank check with connection to an external device.



USER MANUAL



Adapter(UM-230)



Paper roll



Adapter(UC-230)



Telephone Cable(UC-230)

The contents in this manual are subject to change to improve the product's function without a notice in advance.

Use only No.26 AWG or larger, telephone line cord, if necessary.
Otherwise, it can cause damage to the machine.(UC-230 only)

3. About the product

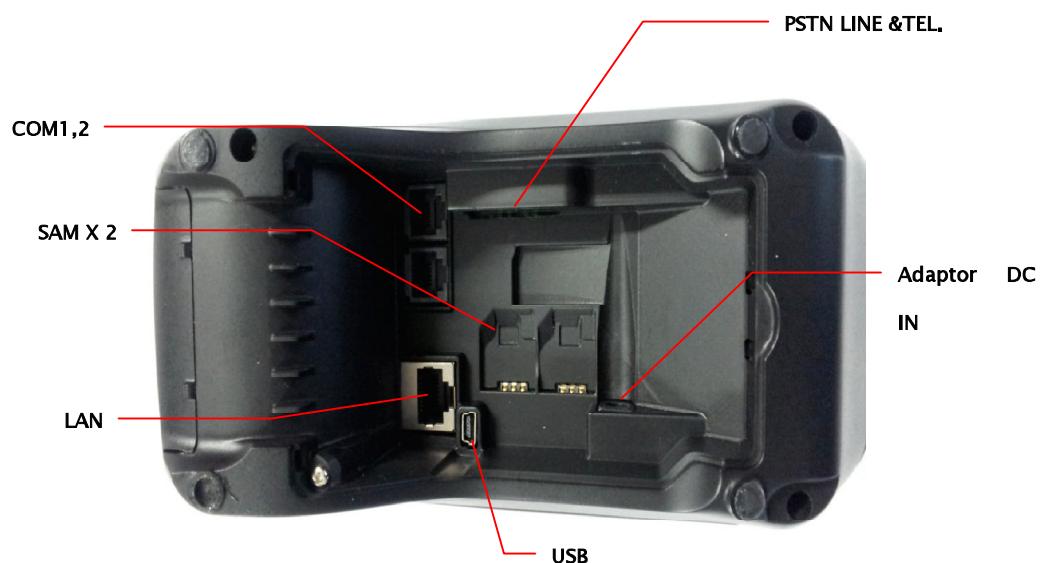
UM-230



UM-230 Left Side

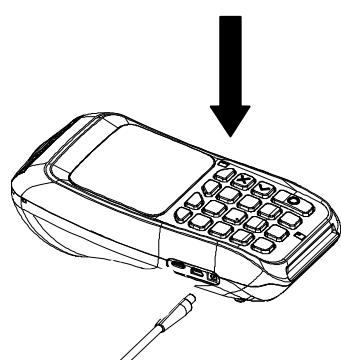
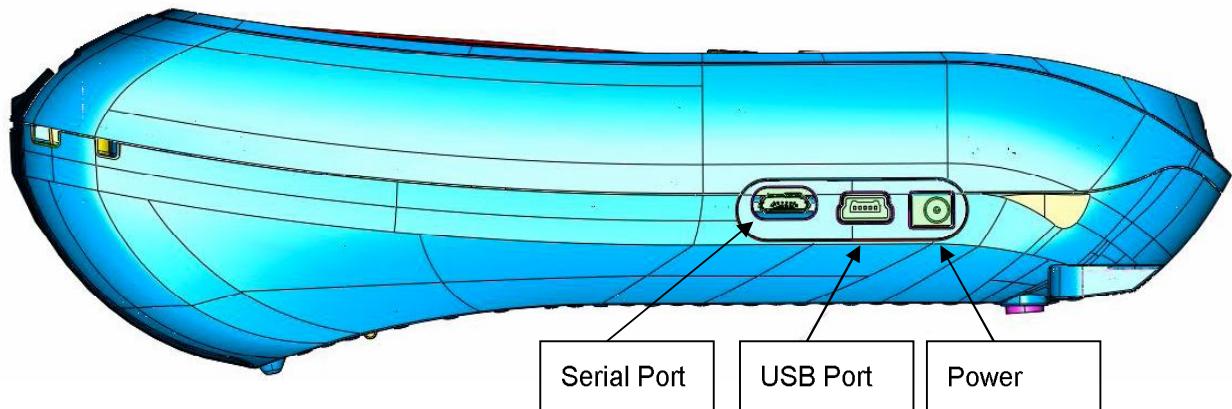


UM-230 Front

UC-230**UC-230 Right Side****UC-230 Left Side**

4. How to Power On/Off the terminal

UM-230



1. Put the terminal in a safe position.
2. Connect it to the power plug in left side
3. Press the CANCEL key.

UC-230.



1. Plug the power cable to the terminal
2. Press the CANCEL key to power up

5. Battery Installation



1. Insert the battery on the bottom of the printer as the picture shown.
2. Push the battery inside until it snaps into place.

Note)

As the battery is not initially charged when purchased, charge it first before use. (Use the

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

CAUTION :

Any Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Mobile Device RF Exposure Statement

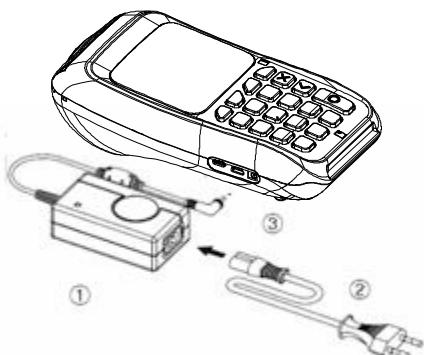
RF Exposure - This device is only authorized for use in a mobile application. At least 20 cm of separation distance between the transmitting antenna device and the user's body must be maintained at all times.

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.

6. Battery Charging

- 1) Turn the power off.
- 2) Connect the power cable ② to the battery charger ①.
- 3) Open the interface cap. ③.
- 4) Connect the battery charger ① into the power connector of the printer.
- 5) Plug the cord ② in a power outlet.



Note)

In case of not using of its own battery charger provided by our company, a serious damage can occur, which is not covered. (While charging the battery, Voltage and current should be met).

Warning)

Turn the power off while charging the battery

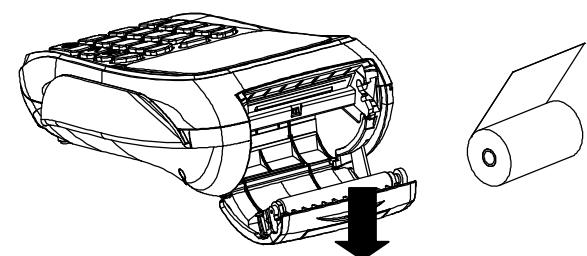
The color of the lamp displays the charging states as follows.

Color of lamp	Charge State	Time required
Red light on	Charging is on	2 1/2 hour
Green light off	80 %	
Green light on	Charging completed	
Red light off	Battery problem or not positioned in right place	

Warning

1. When red light is off, put the battery in position again
2. Regardless of 4~ 5 time trial, in case that red light is still on, consult your provider or retailer.
3. Charging hours can be varied depending on the types of chargers and operating temperature.

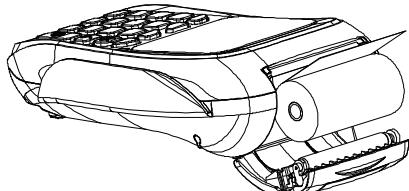
7. Changing the printing paper



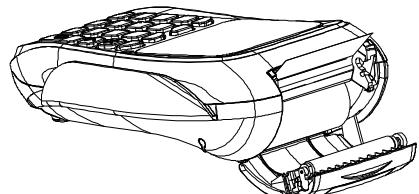
- 1) Pull the lever downwards to open the cover of the paper compartment.



- 2) Make sure the edge of the roll should be placed upwards.



- 3) Place the roll as shown in the picture above.



- 4) Pull the edge of the paper forwards and close the cover.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions.

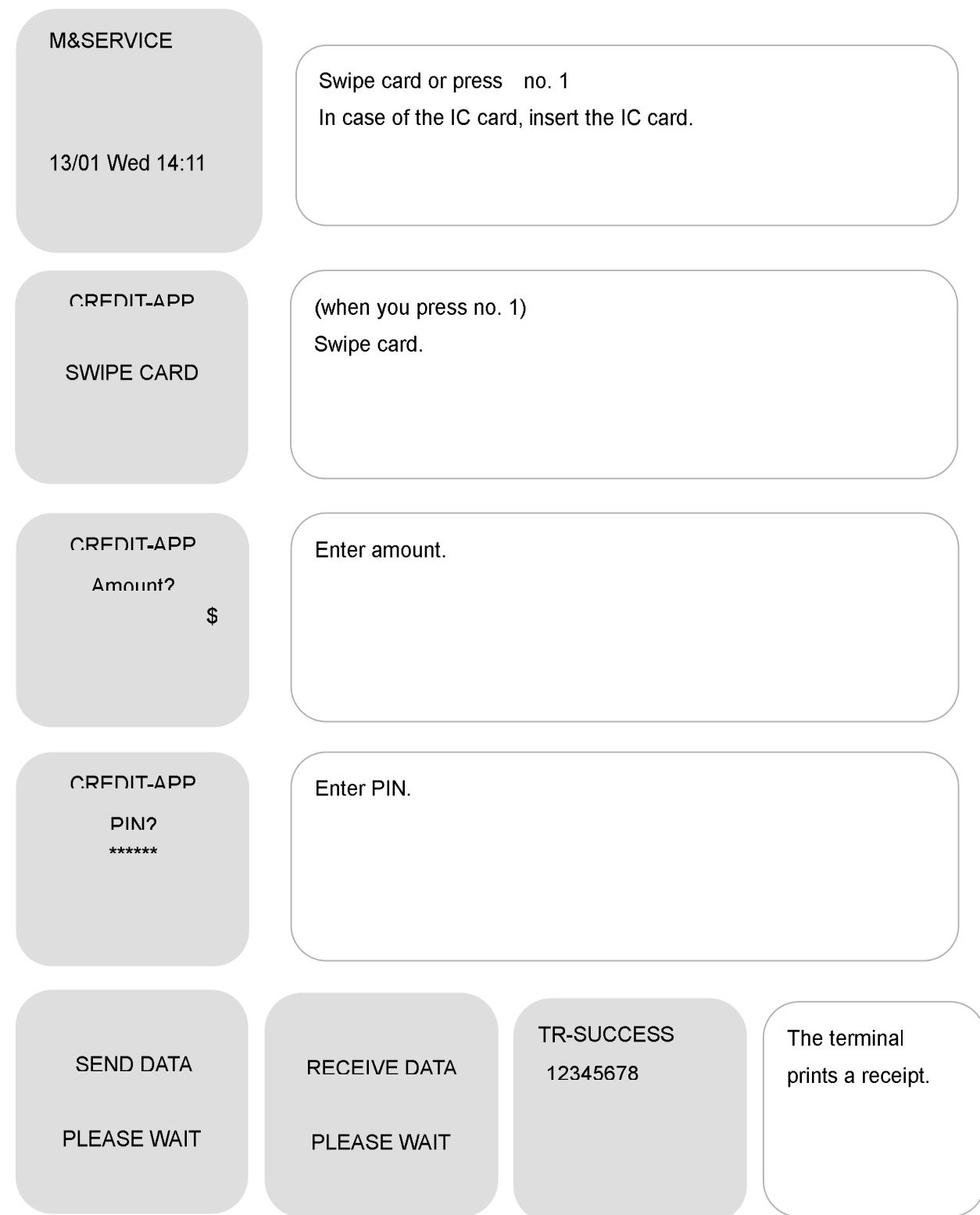
- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

* Part 68 is UC230 only.

8. Merchant Menu

8.1 Terminal Application Menu

Credit Authorisation



Cancelation

M&SERVICE

13/01 Wed 14:11

Press void

CRFEDIT-CAN

SWIPE CARD

Swipe card

CRFEDIT-CAN

ORG DATE?

YY/MM/DD

13/02/18

Enter the original transaction date
YY : Year. Ex) in case of 2013, enter 2013
MM : Month. Ex) In case of Feb, enter 02.
DD : Day. Ex) in case the date is 18, enter 18

CRFEDIT-CAN

ORG APP NO

12345678

Enter transaction number

CRFEDIT-CAN

Amount?

\$

Enter transaction number

CRFEDIT-CAN

PIN?

Enter the PIN

SFND DATA

PLEASE WAIT

RFCFIVE DATA

PLEASE WAIT

TR-SUCCESS

12345678

The terminal
prints a receipt

8.2. Merchant Configuration Menu

Terminal IP installation

M&SERVICE

13/01 Wed 14:11

Press the special function key.

PASSWORD?

Enter 0346.

SELECT MENU

- 0) Ethernet
- 1) Time
- 2) LCD

0) Choose Ethernet

SFT FTH
1.DHCP
2.STATIC IP
3.SERVER IP

1. DHCP : The terminal proceed the automatic IP installation.
2. STATIC IP : The users can install the IP installation themselves.
3. SERVER IP : The terminal set up the IP/PORT to the server.

Time set up

M&SERVICE

13/01 Wed 14:11

Press the special function key

PASSWORD?

Enter 0346.

SFI FCT MENU

- 0)Ethernet
- 1)Time
- 2)LCD

Choose 1)Time.

SFT TIME

CUR:130228113602

SET:130228113601

CUR means current time, and SET means the time to be set up.

Format : YY MM DD hh mm ss

Ex) 2013-02-28 am 11:39:11 → 130228113911