



# WisePad™ 2

mPOS Solution Combining NFC, MSR and EMV Chip Reading Functions

Compatible with:  
iOS, Android, Windows Phone 8, MS Windows



www.bbpos.com

## Quick Start Procedures

### STEP 4

Select WisePad 2 in the Scanned Device List on your smartphone/tablet. Then, your WisePad 2 will show the Home Menu when the devices are paired.

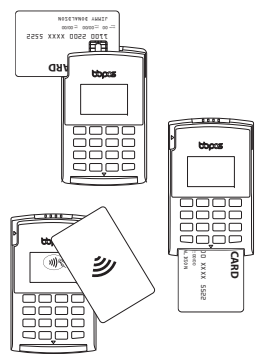
\*\*For first time pairing, you need to follow the instructions to input "PASSKEY" to complete pairing with your Android devices.



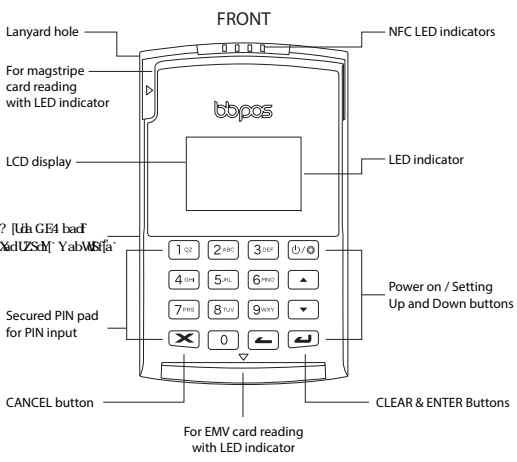
### STEP 5

You can follow your application instruction to start the transaction process, then tap/swipe/insert the payment card and input PIN (per request) to complete the transaction.

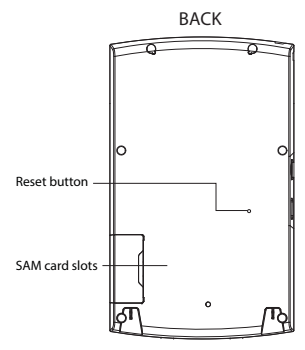
\*\*Remarks: If you pay via swiping card or inserting EMV IC card, please ensure that the magstripe or EMV chip of the card is facing the right direction. If you pay by using NFC card, please ensure you tap the NFC payment card within 4cm range on top of the NFC marking.\*\*



## Index & Accessories (Fig.1)



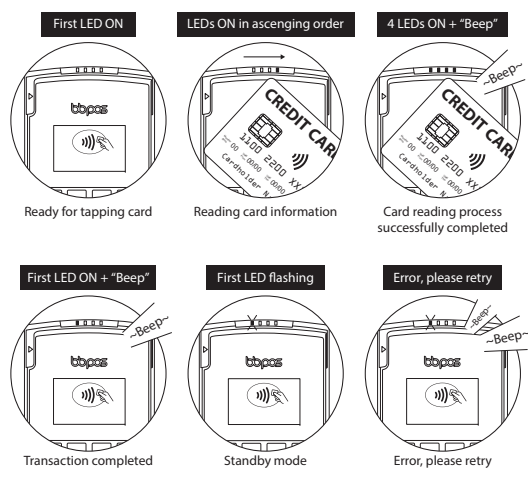
## Index & Accessories (Fig.1)



## Package Contents

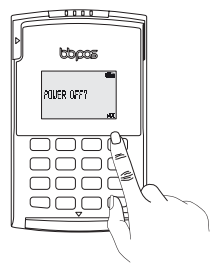
Device	x 1
Lanyard	x 1
USB cable	x 1
Instruction Manual	x 1

## NFC Status Indicators



## Set Up Connection

Fig. 1a



### STEP 1

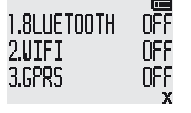
Press and hold the Power On/Off button to turn on WisePad 2, then press "1" to confirm. (refer to Fig. 1a)

When "STANDBY ....." is shown, press "0" or "X" to enter the Setting Menu. (Fig. 1b)

Fig. 1b - Setting Menu



Fig. 2 - Connection Menu



### STEP 2 (refer to Fig. 3)

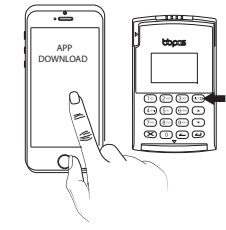
Choose connection method, press "1" to connect via Bluetooth\* "2" to connect WIFI "3" to connect

## Quick Start Procedures

### STEP 1

This device can support iOS (IOS 5.0 or above), Android (Android 2.1 or above), Windows Phone 8 & MS Windows.

Download official application from app stores.



### STEP 2

Turn on the device pairing function of your smartphone/tablet. Then, press and hold "0" to turn on WisePad until "STANDBY" displays on the LCD.

\*\*Please ensure that Bluetooth\* function of your smartphone/tablet is ON before devices pairing.



### STEP 3

Press "0" to enter the Setting Menu, then press "1" for Bluetooth pairing.

## Set Up Connection

Fig. 3a - Bluetooth\* Pairing



### i. Bluetooth\* connection

Enter the Bluetooth\* pairing mode (Fig. 3a) after pressing "1".

\*\*For first time pairing, you may need to input "PASSKEY" to complete the pairing process with your Android devices. (Fig 3b)

Fig. 3b - Passkey Screen



After device is successfully paired, WisePad 2 will enter the Home Menu (Fig. 3c).

### ii. WiFi network connection

Enter the WiFi network connecting mode (Fig. 3d) after pressing "2".

Fig. 3c - Home Menu



After network is successfully connected, WisePad 2 will enter the Home Menu (Fig. 3c).

Fig. 3d - Connecting WiFi



### iii. GPRS connection

Please ensure the SAM/SIM cards are properly inserted to card slots before GPRS connection.

Enter the GPRS network connecting more (Fig. 3e) after pressing "3". After network is successfully connected, WisePad 2 will enter the Home Menu (Fig. 3c).

Fig. 3e - Connecting GPRS



## Sales Operation

Fig. 4a - Input Transaction Amount



### Step 1 Input Amount

- i. In the Home Menu (Fig. 3c), press "1" to enter SALES page (Fig. 4a).
- ii. Input transaction amount (Fig. 4a).
- iii. Input tips amount (Fig. 4b) if any, then press "✓" to confirm input.
- iv. Total amount will be shown on display, press "✓" to ACCEPT or "X" to DECLINE.

\*\*If you need to cancel the transaction, please press "X" to cancel. "DECLINE" will be shown on the display and back to SALES page (Fig. 4a) for next transaction.

Fig. 4b - Input Tips Amount

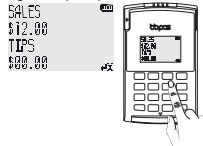


Fig. 4c - Confirm Total Amount



## Sales Operation

Fig. 5a - Choose Payment Method



Fig. 5b - Ready for swipe card



Fig. 5c - Ready for inserting card

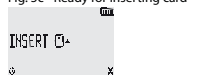


Fig. 5d - Input PIN via PIN pad



Fig. 5e - Ready for tapping card



### Step 2 Choose Payment Method

Please choose the required payment method to complete the transaction process:

- i. Press "1" to support swiping magnetic stripe card (Fig. 5b). Follow instruction to swipe your card.
- ii. Press "2" to support inserting ICC card (Fig. 5c). If you are required to input PIN, please input via secure PIN pad and press "✓" to confirm.
- iii. Press "3" to support tapping NFC card (Fig. 5d). Please ensure you tap the NFC payment card within 4cm range on top of the NFC marking. Success tapping will have beep sound and LED indication.

Remarks: If you pay via swiping card or inserting EMV IC card, please ensure that the magstripe or EMC chip of the card is facing the right direction.

## Troubleshooting

Problems	Recommendations
Device cannot be paired	<ul style="list-style-type: none"> <li>Please press &amp; hold the power on/off button to restart your device.</li> <li>Please check if you can find the device's "Serial Number" (Shown on the back of device) in the "Scanned Device List" of your smartphone or tablet.</li> </ul>
Display turned off automatically	<ul style="list-style-type: none"> <li>The display may turn off after enter the "SLEEP MODE" to save power. Please press and hold the power on/off button to restart it.</li> <li>The device may be out of power, please use the USB cable to recharge it, then retry.</li> </ul>
Device lost the connection with your smartphone or tablet when the device is auto-off.	<ul style="list-style-type: none"> <li>Please press and hold the power on/off button to turn on the device again. The device will automatically connect with your smartphone or tablet again.</li> <li>The device may be at lower battery level, please use the USB cable to recharge it, then retry.</li> <li>Please ensure the device or smartphone/tablet is within the reception range.</li> </ul>

## Troubleshooting

Problems	Recommendations
Device cannot read your card successfully through NFC reading	<ul style="list-style-type: none"> <li>Please check if your card supports NFC payment.</li> <li>Please ensure if your card is placed within 4cm range on top of the NFC marking.</li> <li>Please take out your NFC payment card from wallet or purse for payment to avoid any interference.</li> </ul>
Device cannot read your card successfully	<ul style="list-style-type: none"> <li>Please check if the device has power when operating and ensure devices are connected.</li> <li>Please check if the application instructs to swipe or insert card.</li> <li>Please ensure that there is no obstacle in the card slots.</li> <li>Please check if the magstripe or chip of the card is facing the right direction when swiping or inserting card.</li> <li>Please ensure your phone/tablet is supported model for this device's operation.</li> <li>Please swipe or insert card with a more constant speed.</li> </ul>
Device has no response	<ul style="list-style-type: none"> <li>Please use a paper clip to press the reset button at the back for reboot.</li> </ul>

## Product Specifications

Product Size	70mm (W) x 108mm (H) x 16.5mm(D)
Product Weight	105g
Power & Battery	Lithium Polymer Rechargeable Battery 750mAh, 3.7V
Magstripe Card Reader	Triple Track (Track 1, 2 & 3)
Swipe Speed	15cm/sec - 100cm/sec
LED indicator	<ul style="list-style-type: none"> <li>Operating - green light flashing</li> <li>Low Battery Level - red light flashing</li> <li>Charging - red light on</li> <li>Fully charged - green light on</li> </ul>
NFC LED Indicator	<ul style="list-style-type: none"> <li>Connecting with POS terminal - First LED flashing</li> <li>Ready for NFC Reading - First LED on</li> <li>Success Reading - 4 LEDs on in ascending order</li> <li>Transaction Completed - 4 LEDs on with "BEEP"</li> <li>Errors - First LED flash with twice "BEEP"</li> <li>Power off - All LEDs off</li> </ul>
Communication Interface	Bluetooth® v2.1, Bluetooth® v4.0 (iOS)®, USB, WiFi or GPRS (optional with SAM/SIM cards)
Operating Temperature	0°C - 45°C (32°F - 113°F)
Operating Humidity	Max 95%
Storage Temperature	-10°C - 55°C (14°F - 131°F)
Storage Humidity	Max 95%

\*Support only by iPhone 5 or later, iPad 3 or later, iPad Mini or later, iPod Touch 5th generation or later.

## LCD Message Details

WisePad 2 Message	Description
BBPOS	WisePad 2 opening screen
STANDBY	Waiting for connection via Bluetooth®, WiFi or GPRS network. WisePad 2 enters "SLEEP MODE" if no operation for 5 minutes
BLUETOOTH ON PAIRING NOW ....	Bluetooth® is turned on and pairing with smartphone or tablet.
CONNECTING NETWORK ....	WiFi or GPRS network is connecting
PROCESSING	Transaction is processing
INPUT PIN	Enter PIN
INCORRECT PIN	Incorrect PIN input, please retry
COMPLETED	Transaction is completed
CANCELLATION	Transaction is cancelled
TERMINATE	Transaction result is terminated
DECLINED	Transaction result is declined
MSR SUCCESS	Successes to swipe card
MSR FAIL	Fails to swipe card
NO ICC	No ICC card is inserted/detected
NO RESPONSE	Time out message for no card is inserted or swiped
INSERT CARD	Remind to insert ICC card
SWIPE CARD	Remind to insert ICC card
NFC	Remind to tap card
ACCEPTED	Transaction result is success
POWER OFF?	Confirm or decline to turn off the WisePad 2

## CAUTION & IMPORTANT NOTES

- Ensure to turn on the **Bluetooth®** function of your smartphone or tablet before use.
- Please fully charge your WisePad 2 before use.
- Please ensure that you have chosen the desired "Pairing" method of WisePad 2 before to start the connection process.
- Please ensure magstripe /EMV chip of the card is facing the right direction when swiping or inserting card.
- Don't drop, disassemble, tear, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint, or insert foreign object into the device. Doing any of which will void the Warranty.
- Don't immerse the device into water and place near washbasins or any wet locations. Don't spill any food or liquid on the device. Don't attempt to dry the device with external heat sources, such as microwave or hair dryer.
- Don't use any corrosive solvent or water to clean the device. Recommend using dry cloth to clean the surface only.
- Don't use any sharp tools to point the internal components or connectors, doing which may lead to malfunction and void the Warranty.
- Don't try to disassemble the device to repair. Please contact your dealer for repair and maintenance.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The mobile device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (FCC). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.011 W/kg.

For body operation, this device has been tested and meets FCC RF exposure guidelines when used with any accessory that contains no metal and that positions a minimum of 15mm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

## FCC Caution Statements:

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.

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 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.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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



**Need Help?**  
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