bbpos

WisePad™ 2

mPOS Solution Combining NFC,
Magstripe and EMV Chip and
Pin Card Reading Functions
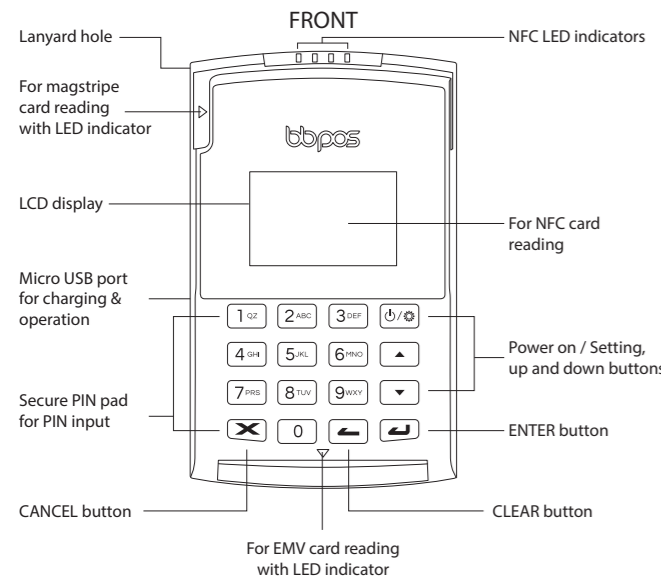
Support Operating System:
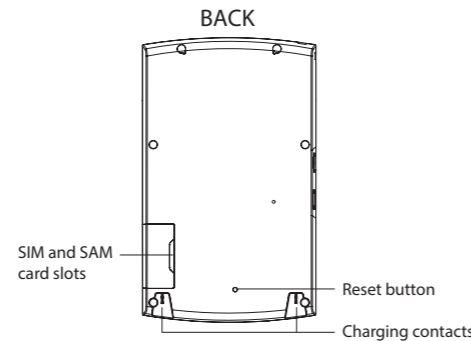iOS, Android, Windows Phone 8, MS Windows

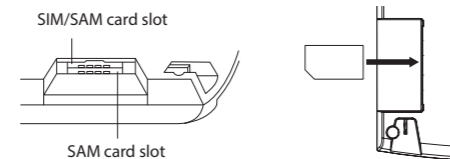Bluetooth®

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Index & Accessories (Fig.1)

FRONT

- Lanyard hole
- For magstripe card reading with LED indicator
- LCD display
- Micro USB port for charging & operation
- Secure PIN pad for PIN input
- CANCEL button
- For EMV card reading with LED indicator
- NFC LED indicators
- For NFC card reading
- Power on / Setting, up and down buttons
- ENTER button
- CLEAR button

Index & Accessories (Fig.1)

BACK

- SIM and SAM card slots
- Reset button
- Charging contacts

Package Contents

Device	x 1	USB cable	x 1
Lanyard	x 1	Quick start guide	x 1

SIM and SAM Cards Installation Method

- SIM/SAM card slot
- SAM card slot

Please make sure the SIM and SAM cards are facing down.

NFC Status Indicators

First LED ON	LEDs ON in consecutive order	4 LEDs ON + "BEEP"
Ready for tapping card	Reading card information	Card reading process successfully completed

"BEEP"	First LED flashing	2 "BEEP"s
Transaction completed	Standby mode	Error, please retry
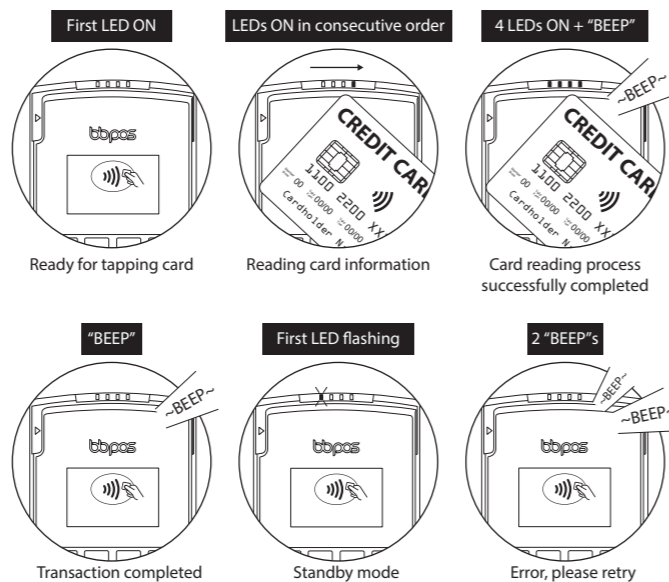
Product Specifications

Features & Functions	• EMV/PBOC Chip card reader (ISO 7816 Compliant Class A, B, C card) • Triple track magnetic stripe card reader • NFC Reader (EMV contactless, ISO 14443A/B) • Secure PIN pad
LED indicator	• Ready for magstripe card swiping - ▷ LED on • Ready for ICC card insertion - ▽ LED on
NFC LED Indicator	• Connecting with POS terminal - First LED flashing • Ready for NFC Reading - First LED on • Success Reading - 4 LEDs on in consecutive order • Transaction Completed - One "BEEP" sound • Errors - Two"BEEP" sound • Power off - All LEDs off
Communication Interface	mPOS mode - *Bluetooth*® 2.1, Micro USB; Standalone mode - WiFi, GPRS (optional) /3G (optional)
Connectivity	Dual SAM cards OR single SAM card & single SIM card if with GPRS
Power & Battery	Li-polymer battery, 3.7V, 750mAh
Charging	Via micro USB or charging contacts (Charging cradle optional)
Swipe Speed	15cm/sec - 100cm/sec
Support Operating Systems	Android 2.1 or above, iOS 6.0 or above, Windows Phone 8, MS Windows
Operating Temperature	0°C - 45°C (32°F − 113°F)
Operating Humidity	Maximum 95%
Storage Temperature	-20°C - 55°C (-4°F − 131°F)
Storage Humidity	Maximum 95%
Dimensions	69.2 x 113.4 x 16.3 mm / 2.72 x 4.46 x 0.64 inch (approx.)
Weight	105 g / 3.7 oz (approx.)

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	Connecting to WiFi or GPRS network
PROCESSING	Transaction is processing
INPUT PIN	Remind to enter PIN
INCORRECT PIN	Incorrect PIN input, please retry
COMPLETED	Transaction is completed
CANCELLATION	Transaction is cancelled
TERMINATE	Transaction is terminated
DECLINED	Transaction is declined
MSR SUCCESS	Succeeds 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 swipe magstripe card
NFC	Remind to tap card
ACCEPTED	Transaction is successful
POWER OFF?	Confirm or decline to turn off the WisePad™ 2

Troubleshooting

Problems	Recommendations
Device cannot be paired	• Please press & hold the power on/off button to restart your device. • 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.
Display turned off automatically	• 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. • The device may be out of power, please use the USB cable to recharge it, then retry.
Device lost the connection with your smartphone or tablet when the device is auto-off.	• 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. • The device may be at lower battery level, please use the USB cable to recharge it, then retry. • Please ensure the device or smartphone/tablet is within the reception range.
Device cannot read your card successfully through NFC reading	• Please check if your card supports NFC payment. • Please ensure if your card is placed within 4cm range on top of the NFC marking. • Please take out your NFC payment card from wallet or purse for payment to avoid any interference.
Device cannot read your card successfully	• Please check if the device has power when operating and ensure devices are connected. • Please check if the application instructs to swipe or insert card. • Please ensure that there is no obstacle in the card slots. • Please check if the magstripe or chip of the card is facing the right direction when swiping or inserting card. • Please ensure your phone/tablet is supported model for this device's operation. • Please swipe or insert card with a more constant speed.
Device has no response	• Please use a paper clip to press the reset button at the back for reboot.

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.
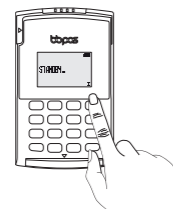
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Standalone Mode (Model: WPC22, WPC23)

Quick Start Procedures

STEP 1
Press and hold "⏻" to turn on WisePad™ 2 until "STANDBY" is shown (Fig. 1.1).

Fig. 1.1 - Standby Mode

STEP 2
Press "⏻" to enter the Setting Menu (Fig. 1.2), press "1" to enter the Connection Menu (Fig. 1.3). Then, choose one of connection methods by pressing:
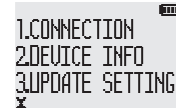- "1" to connect WiFi or
- "2" to connect Cellular (GPRS/3G)

After network is successfully connected, WisePad™ 2 will enter the Transaction Menu (Fig. 1.4).

Fig. 1.2 - Setting Menu

```
1.CONNECTION
2.DEVICE INFO
3.UPDATE SETTING
X
```

Fig. 1.3 - Connection Menu

```
CONNECTING VIA
1. *WIFI
2 CELLULAR
X
```

Fig. 1.4 - Transaction Menu

```
1.SALE
2.VOID
3.REFUND
```

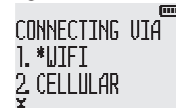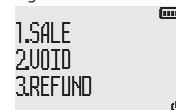## Sale Operation

STEP 1
In Transaction Menu (Fig. 2.1), press "1" to start the Sale Operation.

Fig. 2.1 - Transaction Menu

```
1.SALE
2.VOID
3.REFUND
```

STEP 2
Enter amount, then press "↵" to confirm (Fig. 2.2).

Fig. 2.2 - Enter Amount

```
SALE
ENTER AMOUNT
$15.00
X          ↵
```
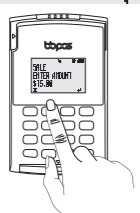
STEP 3

When the amount EXCEED the contactless limit

It will display Insert/Swipe screen (Fig. 2.3) and the device can accept either magstripe or EMV IC card.

When the amount HAVEN'T EXCEED the contactless limit

It will display the Start Payment (Fig. 2.4), the device can accept one of magstripe, EMV IC and NFC card.

Steps of different payment methods:
a. Swipe magstripe card (Fig. 2.5)

b. Insert EMV IC card (Fig. 2.6). If you are required to input PIN, please input via secure PIN pad and press "↵" to confirm.

c. Tap NFC card (Fig. 2.7). Success tapping will have beep sound and LED indication. (Please refer to NFC status indicators)

** Remarks:
- If you need to cancel the transaction, please press "X" to cancel. "CANCALLED" will be shown on the display and it will back to Enter Amount page (Fig. 2.2) to start next transaction.
- If you pay by magstripe card or 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.
- If the amount is higher than CVM limit in NFC payment, input PIN is required.
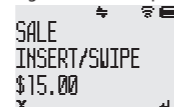
Fig. 2.3 - Insert/Swipe

```
SALE
INSERT/SWIPE
$15.00
X          ↵
```

Fig. 2.4 - Start Payment

```
$15.00
X
```

Fig. 2.5 - Swipe magstripe card

Fig. 2.6 - Insert EMV IC card
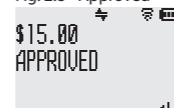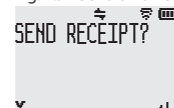
```
$15.00
ENTER PIN
******
           ↵
```

Fig. 2.7 - Tap NFC card

STEP 4
When transaction finish, "Approved" is shown (Fig. 2.8).

** Remarks:
If the transaction is not successful, "DECLINED" will be shown on the display. Then, press "↵" back to Enter Amount page (Fig. 2.2) to start next transaction.

Fig. 2.8 - Approved

```
$15.00
APPROVED
           ↵
```

STEP 5
To send sms receipt (Fig. 2.9), press "↵" to send. If you don't need, press "X".

Fig. 2.9 - Send SMS Receipt

```
SEND RECEIPT?
X          ↵
```

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mPOS Mode (Model: WPC20)

Quick Start Procedures

STEP 1
WisePad™ 2 an support iOS (iOS 6.0 or above), Android (Android 2.1 or above), Windows Phone 8 & MS Windows.

Download and install official application from APP Store (Fig. 3.1).

Fig. 3.1

```
APP
DOWNLOAD
```

STEP 2
Press and hold "⏻" to turn on WisePad™ 2 until "STANDBY" is displayed on the LCD. And, turn on your smartphone/tablet *Bluetooth*® pairing function (Fig. 3.2).

Fig. 3.2

```
Bluetooth
ON
```

STEP 3
For first time pairing, open the APP and click "Tap to connect" (Fig. 3.3). Then, select "WisePad™ 2" in the "Select the reader model" pop-up window (Fig. 3.4).
After that, "Device Ready" is shown on the top in Sale page (Fig. 3.5).

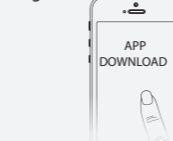** If you paired the device before, it will automatically pairing to the device when open the APP.
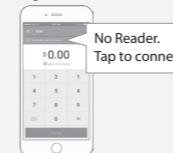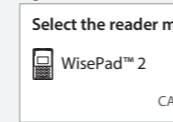
Fig. 3.3

No Reader.
Tap to connect.

$0.00

Fig. 3.4

Select the reader model

WisePad™ 2

CANCEL

Fig. 3.5 - Sale

WisePad™ 2

$3.48
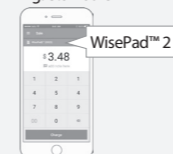
Sale Operation

STEP 1
In Sale page (Fig. 3.5), enter amount and press "Charge".

Fig. 3.5 - Sale

$3.48

Enter amount

Charge

STEP 2
In Payment Method page (Fig. 4.1), press a payment method which you choose.

When you press "Credit Card", the APP and the device will go to Start Payment page (Fig. 4.2). Then, you can use one of below payment methods to start the transaction.

a. Swipe magstripe card (Fig. 4.3)

b. Insert EMV IC card. If you are required to input PIN (Fig. 4.4), please input via secure PIN pad and press "↵" to confirm on device.

c. Tap NFC card (Fig. 4.5). Success tapping will have beep sound and LED indication. (Please refer to NFC status indicators)

** Remarks:
- If you would like to change to the other payment method in Start Payment page (Fig. 4.2), press "Change payment method". Then, it will back to Payment Method page (Fig. 4.1) for next transaction.
- If you pay by magstripe card or 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.
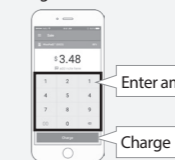- If the amount is higher than CVM limit in NFC payment, input PIN is required.
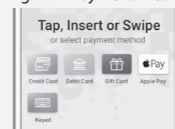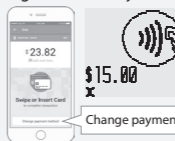
Fig. 4.1 - Payment Method

Tap, Insert or Swipe
or select payment method

Fig. 4.2 - Start Payment

$23.82

$15.00
X

Change payment method

Fig. 4.3 - Swipe magstripe card
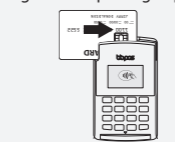
Fig. 4.4 - Insert EMV IC card

```
$15.00
ENTER PIN
******
           ↵
```

Fig. 4.5 - Tap NFC card

```
$15.00
X
```
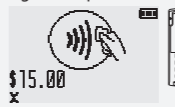
STEP 3
When transaction finish, "Approved" is shown on the APP and the device. (Fig. 4.6).

** Remarks:
If the transaction is not successful, "DECLINED" will be shown on the APP and the device. Then, it will go back to Sale page (Fig. 3.5).

Cardholder's signature is required under these situations:
i. Depends on card type.
ii. If amount is exceed the limit.

Under these situations, the APP will go to Signature page (Fig. 4.7). To sign on white area and then press "Confirm".

Fig. 4.6 - Approved

```
$15.00
APPROVED
           ↵
```

Fig. 4.7 - Signature

Sign here

Confirm

STEP 4
In Receipt page (Fig. 4.8), you can choose email and SMS a receipt.

a. To send a receipt, press "Email" to input the email address and press "enter". Then, press "➤".

b. To SMS a receipt, press "SMS" to input the contact number and press "enter". Then, press "➤".

c. If you do not need receipt, press "New Payment" back to Sale Page (Fig. 3.5) to start another payment.
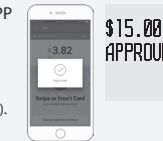
Fig. 4.8 - Receipt

Thank you!