



Users Manual

Mobile POS 50 Series

*MPOS-5008B-LX800

Oct. 2006

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CHAPTER

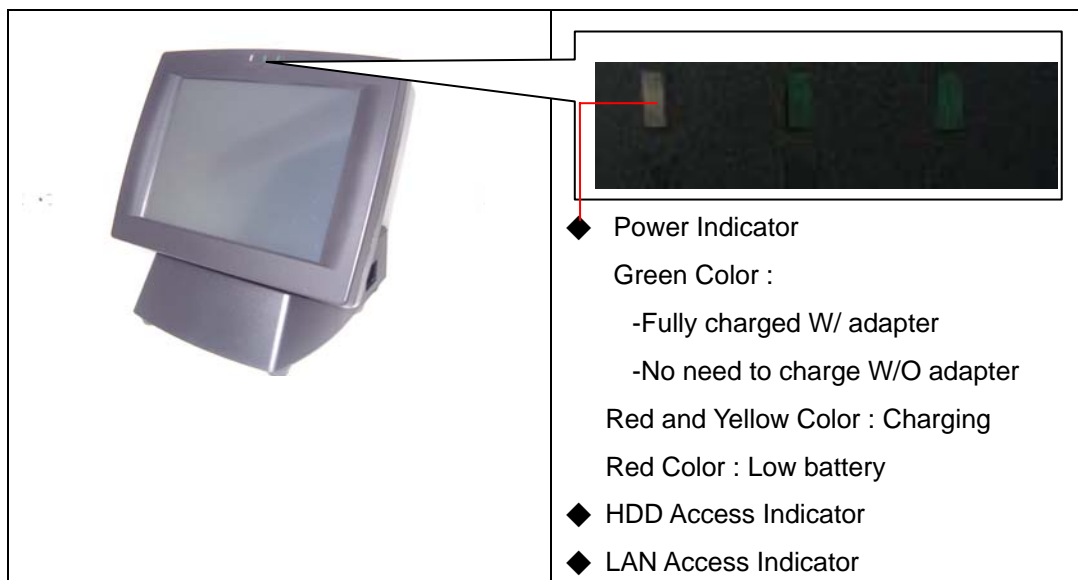
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Introduction

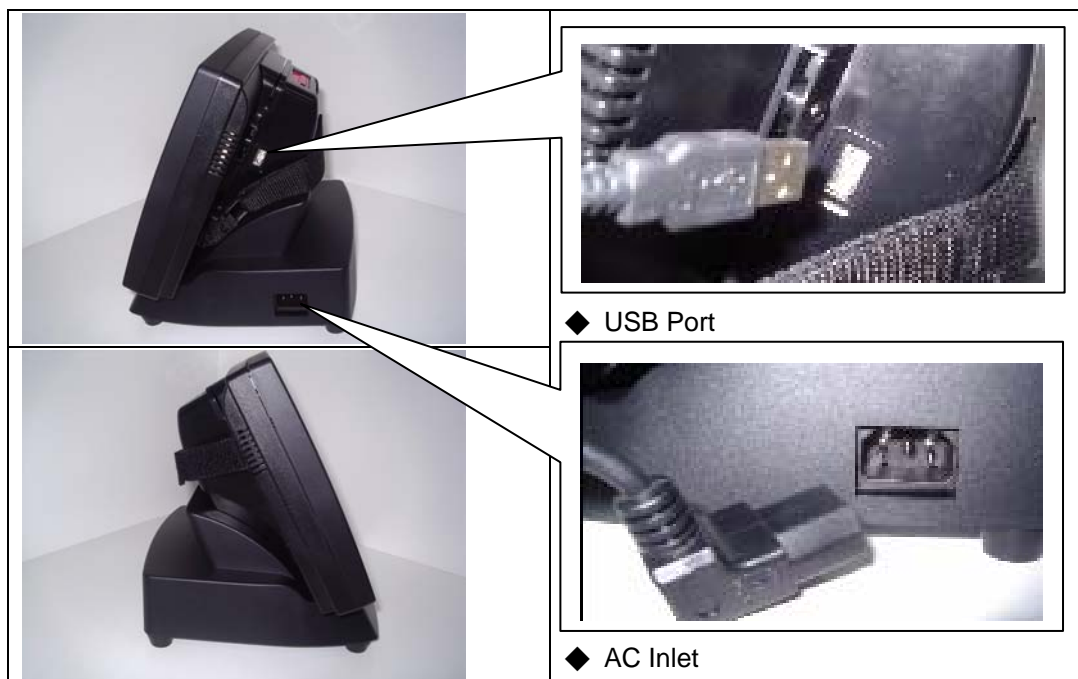
Chapter 1 : Introduction

1.1 System Overview

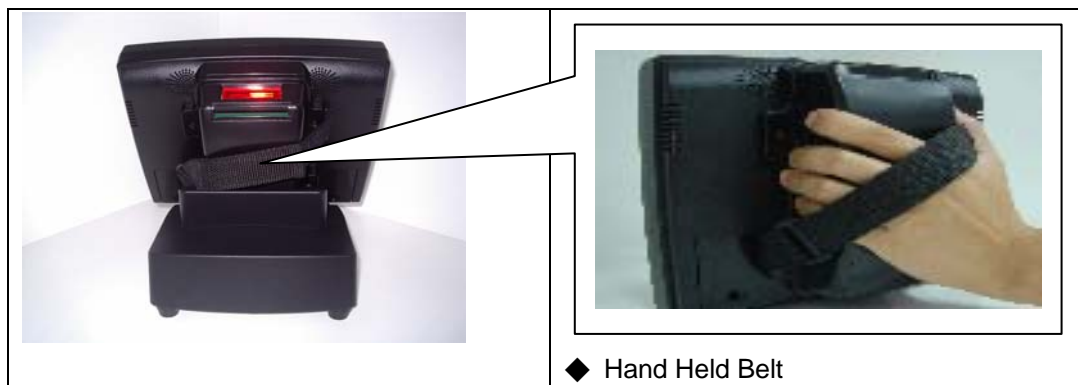
1.1.1 Front View









1.1.2 Side View





1.1.3 Rear View

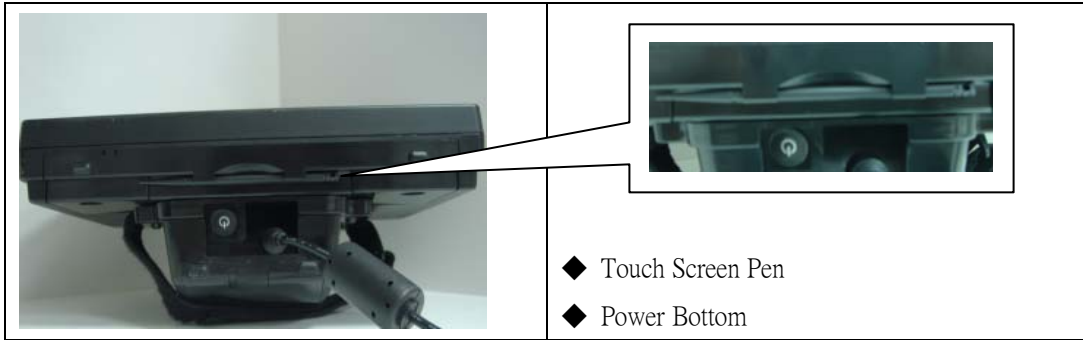


1.1.4 Top View

	 ◆ MSR(Optional)
	 ◆ Bar Code Scanner(Optional)
	 ◆ Smart Card Reader(Optional)

1.1.5 Bottom View

	 ◆ Rubber Stand
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1.2 Specifications

Main Board	
CPU	AMD Geode LX-800(500MHz)
System Memory	1 x DDR400 SO-DIMM Socket, 128M to 1GB
Display	
TFT LCD Size	8.4"
Brightness	180nits
Resolution	800x600
Touch Screen	5 Wire Resistive Type
Storage Device	
HDD	No Support
Compact Flash	1 x Type II, Slot (Internal)
I/O Ports	
USB	1 x USB2.0 (External)
Others	
OS Support	Win XP/XPe, Linux, WEPOS, Win CE
Power Supply	External, 14VDC / 3.57A
EMC & Safety Compliance	FCC Class A / CE / WEEE / RoHS
Weight (Kgs)	1.4
Dimension (mm)	234(W)x185(L)x57(H) mm
Operating Temperature	5 ° ~ 40 ° C
Storage Temperature	-20 ° ~ 40 ° C
Storage Humidity	10% ~ 90% RH
Battery Stand By Time	2 Hours
Battery Charge Time	2 Hours
Optional Accessories Ordering Information	
Part No.	Description
20400008RH	MSR ,3 Tracks, COM, RS232 Interface
A10400197RH	Bar Code Scanner ,Single Scan Line, COM
A10400198RH	Smart Card Reader , ISO 7816 – 1/2/3 , USB Interface
60900002RH	WiFi , Ext. WLAN 802.11b,g, USB Interface
61000002RH	Bluetooth , Comply Version 1.1 for Mobile Printer
60700001RH	USB 2.0 External CD ROM W/ UK adapter (60700002RH W/USA adapter, 60700003RH W/EURP adapter)
A10400199RH	Battery Pack

Packing List

Chapter 2 : Packing List

The unit comes securely packaged in a shipping carton. Please contact your dealer if you find that anything is missing or damaged after examining the contents. The shipping carton should contain the following items :

2.1 Standard Items

Chapter 2 : Packing List

The unit comes securely packaged in a shipping carton. Please contact your dealer if you find that anything is missing or damaged after examining the contents. The shipping carton should contain the following items :

2.1 Standard Items



◆ Main Unit



◆ Power Adapter



◆ Power Cord*2




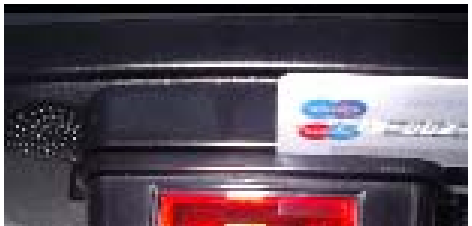




◆ Driver CD



◆ Recharged Cradle

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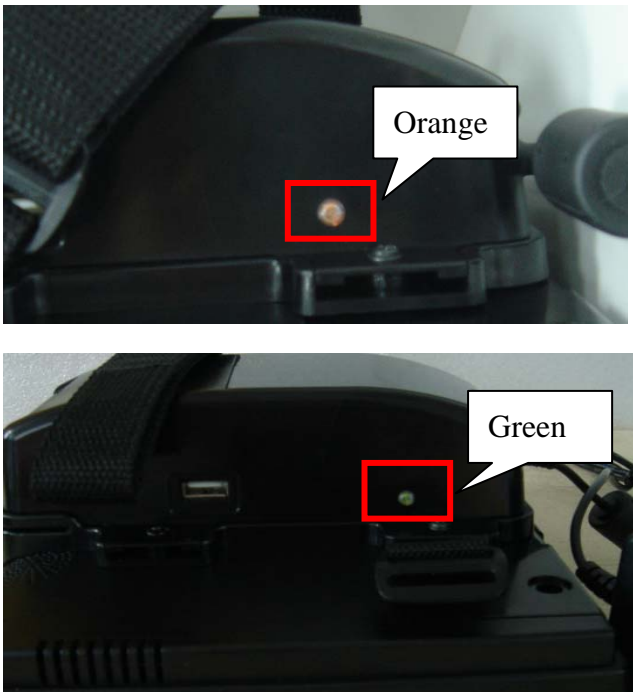
2.2 Optional Items

	 ◆ MSR(Optional)
	 ◆ Bar Code Scanner(Optional)
	 ◆ Smart Card Reader(Optional)

Getting Started

Chapter 3 : Getting Started


3.1 Preparation

Item No.	Photo	Description
1		<ol style="list-style-type: none">1. Connect adapter and power cord2. Connect MPOS 5008B-LX800 with adapter and plug to outlet
2		<ol style="list-style-type: none">1. Charge the battery pack. When the battery LED light turns to green (2 hours). The system is ready to power up2. Battery pack LED light identify:<ul style="list-style-type: none">◆ Orange: Charging◆ Green: Fully charged

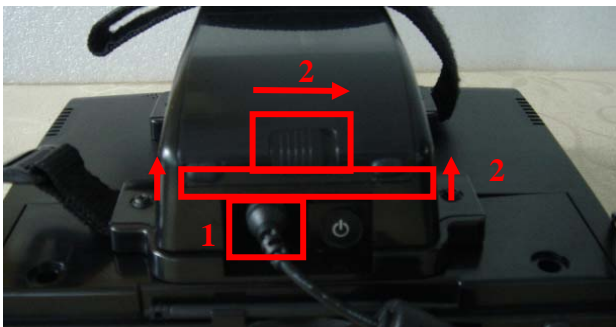

3.2 Hardware Installation



3.2.1 Battery Pack

- ◆ Battery pack is installed with Mobile POS 50 upon shipment. When the LED (Power Indicator) becomes “Red” color, please start to charge the battery in 5 minutes.
- ◆ How to charge the battery:
 - Option 1: Shut Down the power and follow 3.1 item 1 to 2
 - Option 2: Remain the power on and plug power cord with adapter to outlet. When the battery is fully charged, the LED light will turn to green

Item No.	Photo	Description
1		<p>◆ Power Indicator</p> <p>Green Color :</p> <ul style="list-style-type: none"> -Fully charged W/ adapter -No need to charge W/O adapter <p>Red and Yellow Color : Charging</p> <p>Red Color : Low battery</p>



- Option 3: Change the battery pack. Please follow instructions listed below.

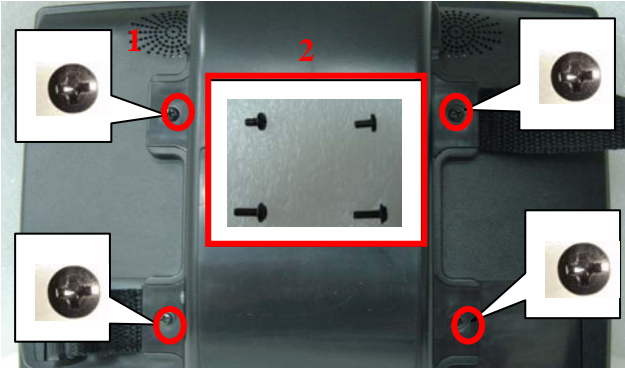
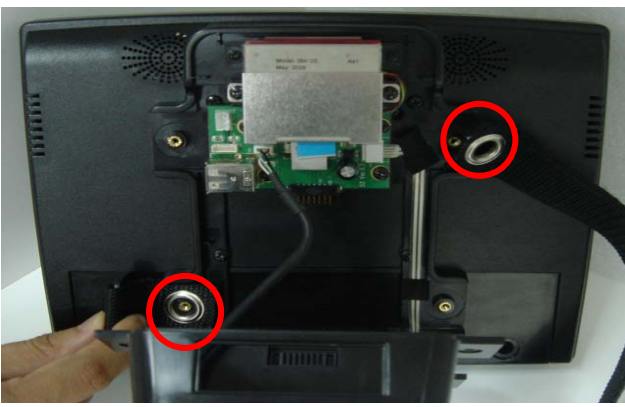
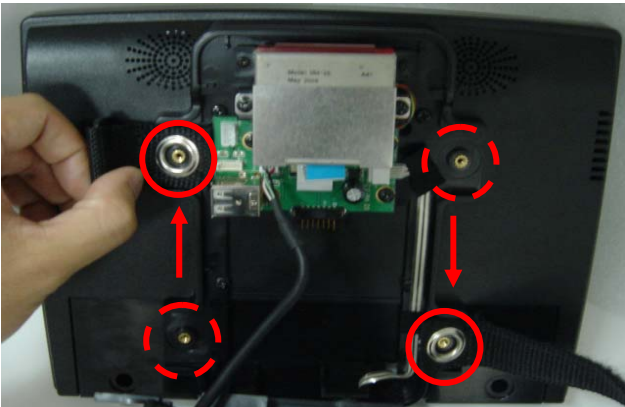

Item No.	Photo	Description
1		<ol style="list-style-type: none"> 1. Make sure the adapter is pulled off before removing battery pack 2. Pull the lock to the right side and pull up the battery pack
2		<ol style="list-style-type: none"> 1. Remove the battery pack from MPOS-5008B-LX800

Item No.	Photo	Description
3		1. Replace with another battery pack
4		1. Press down the battery pack to ensure no empty space exists between battery pack and main unit


3.2.2 Hand Held Belt

The hand held belt can be switched from left hand side to right hand side. Should customer need to change the position of hand held belt, please follow instruction listed below.

Item No.	Photo	Description
1		1. The hand held belt can be adjusted by pulling up Velcro and pull down
2		1. Pull up the Velcro

Item No.	Photo	Description
3		<ol style="list-style-type: none"> 1. Remove 4 screws from MPOS-5008B-LX800 2. Screws length are as listed
4		<ol style="list-style-type: none"> 1. The belt position can be switched
5		<ol style="list-style-type: none"> 1. Move from left button to left top 2. Move from right top to right down
6		<ol style="list-style-type: none"> 1. Fasten 4 screws and tighten the belt 2. The hand held belt is switched to right hand side

3.2.3 Recharged Cradle

Item No.	Photo	Description
1		<ol style="list-style-type: none"> 1. Connect power cord with recharged cradle and plug to the outlet. The recharge process can be started after MPOS-5008B-LX800 is well plugged on the cradle.

3.3 Software Installation

3.3.1 OS Installation

3.3.1.1 Preparation

Item No.	Photo	Description
1		<ol style="list-style-type: none"> 1. Please prepare 1 set of external USB CDROM. 2. Connect CDROM to the USB port of right side of system. 3. Turn on the system and enter to CMOS Set Up. 4. Check and change "the Boot Device" to USB CDROM. 5. Enter to boot on procedure. 6. Install OS and Driver step by step.

3.3.1.2 Embedded WEPOS

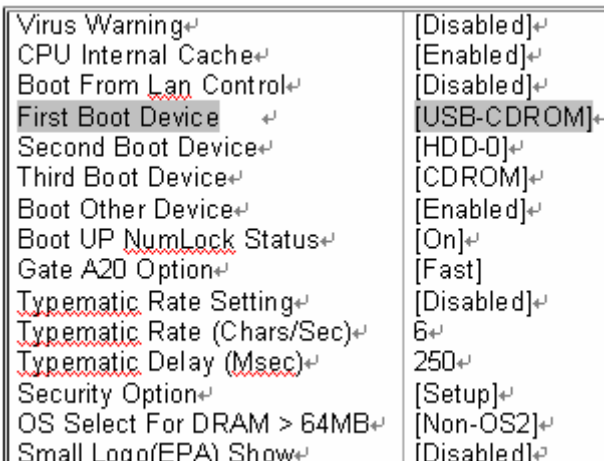
If you bought the system including WEPOS operation system, please follow Instructions listed below.

- Connect CDROM to the USB port of system.
- Turn on the system and enter completely into WEPOS.
- Up load your application software into WEPOS platform.
- Complete installation and execute the AP.

Note: We suggest that you buy and use manufacturer recommend CD-ROM with USB interface while you are placed first sample unit.


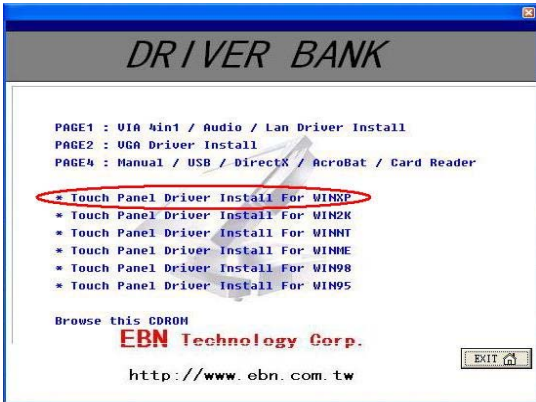
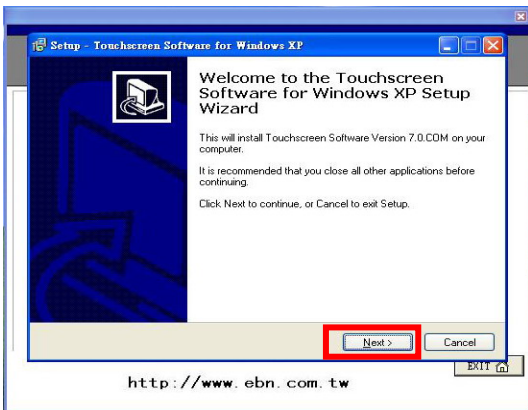
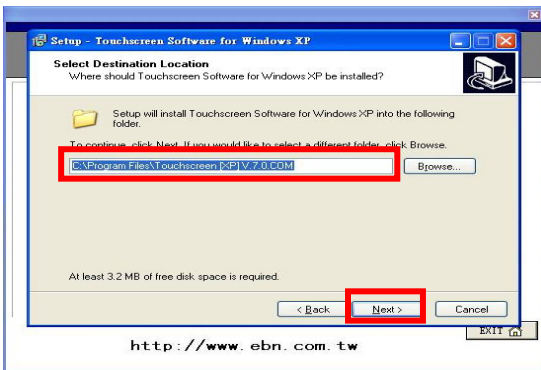
3.3.1.3 Win XP

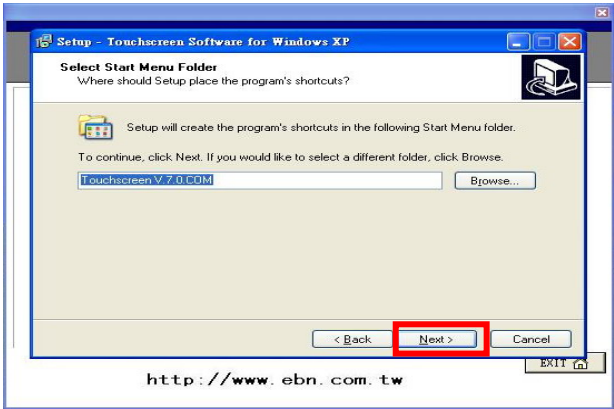
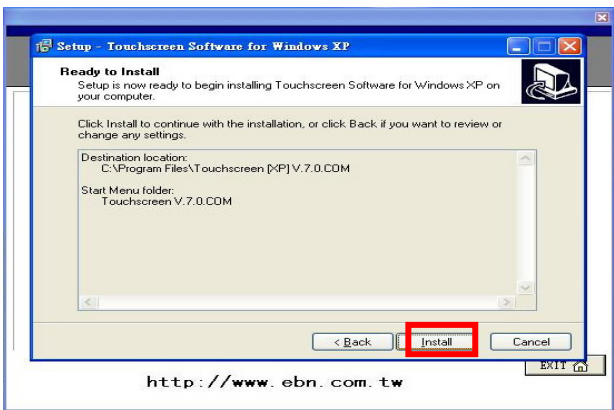
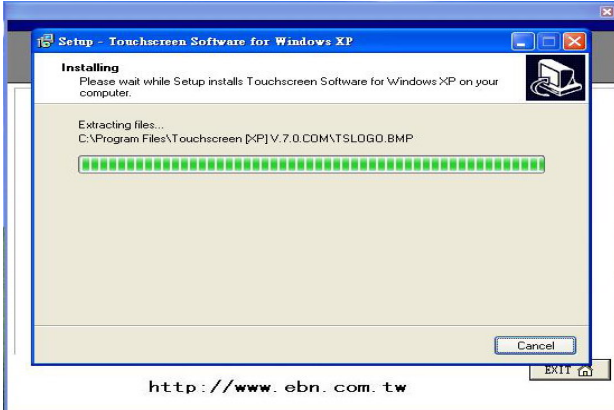

If you would like to install the Win XP, we suggest the system's configuration include 256MB RAM and HDD.

Item No.	Photo	Description
1	Phoenix – Award BIOS CMOS Setup Utility <ul style="list-style-type: none"> ➤ Standard CMOS Features ➤ Advanced BIOS Features ➤ Advanced Chipset Features ➤ Integrated Peripherals ➤ Power Management Setup ➤ PnP / PCI Configuration ➤ PC Health Status ESC: Quit F10: Save & Exit Setup	<ol style="list-style-type: none"> 1. Connect CDROM to the USB port of system. 2. Turn on the system and press “ Del” key enter to CMOS setup. 3. Select icon “Advanced BIOS Features”.
2		Phoenix – Award BIOS CMOS Setup Utility Advanced BIOS Features <ol style="list-style-type: none"> 1. Select “First Boot Device” to USB - CDROM”. 2. Press “F10” to save setup change and quit. 3. Install the Win XP, follow up the OS installation guide

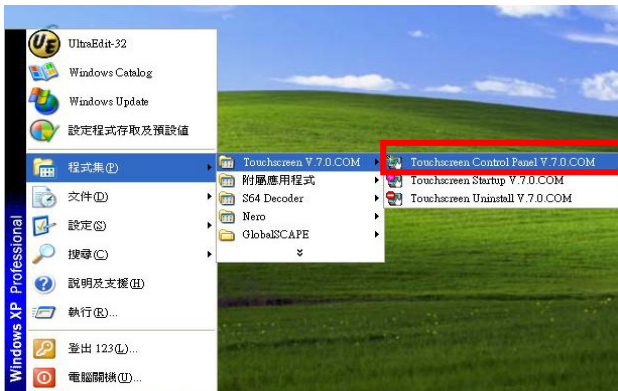


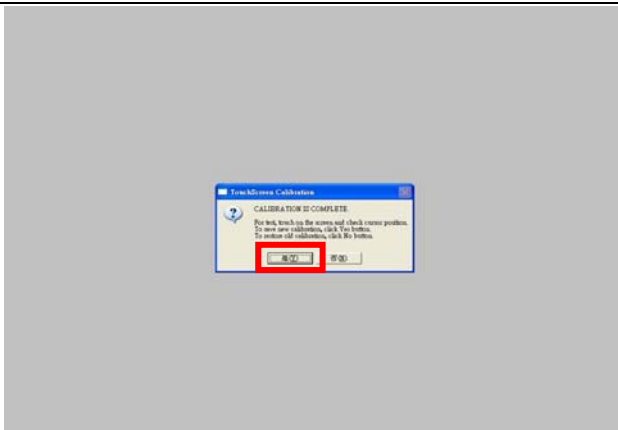
3.3.2 Touch Driver Installation



Refer to list procedure of touch driver as followings, which is based on Win XP as example.

◆ Driver Installation		
Item No.	Photo	Description
1		1. Choose "PAGE3: Touch Driver Install"
2		1. Choose: "Touch Panel Driver Install For WINXP"
3		1. Click "Next"
4		<ol style="list-style-type: none"> 1. Choose the software install location in your computer 2. Click Next

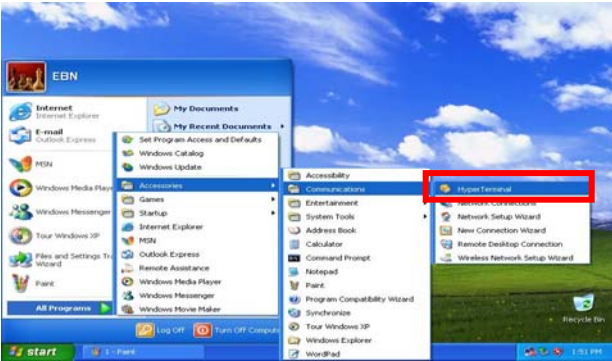
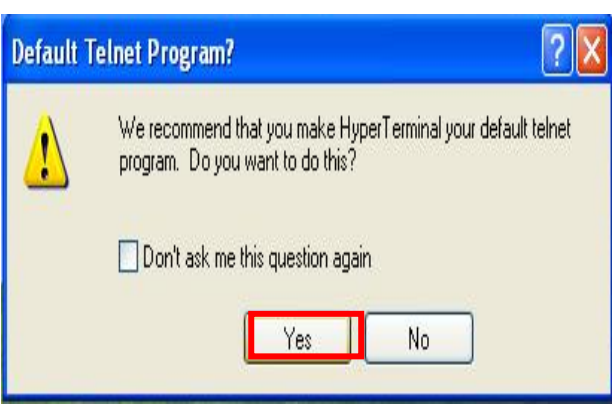
Item No.	Photo	Description
5	 <p>Setup - Touchscreen Software for Windows XP</p> <p>Select Start Menu Folder Where should Setup place the program's shortcuts?</p> <p>Setup will create the program's shortcuts in the following Start Menu folder. To continue, click Next. If you would like to select a different folder, click Browse.</p> <p>Touchscreen V.7.0.COM</p> <p>< Back Next > Cancel</p> <p>EXIT</p> <p>http://www.ebn.com.tw</p>	1. Click "Next"
6	 <p>Setup - Touchscreen Software for Windows XP</p> <p>Ready to Install Setup is now ready to begin installing Touchscreen Software for Windows XP on your computer.</p> <p>Click Install to continue with the installation, or click Back if you want to review or change any settings.</p> <p>Destination location: C:\Program Files\Touchscreen [XP] V.7.0.COM</p> <p>Start Menu folder: Touchscreen V.7.0.COM</p> <p>< Back Install Cancel</p> <p>EXIT</p> <p>http://www.ebn.com.tw</p>	1. Click "Install"
7	 <p>Setup - Touchscreen Software for Windows XP</p> <p>Installing Please wait while Setup installs Touchscreen Software for Windows XP on your computer.</p> <p>Extracting files... C:\Program Files\Touchscreen [XP] V.7.0.COM\TSLOGO.BMP</p> <p>Cancel</p> <p>EXIT</p> <p>http://www.ebn.com.tw</p>	1. Wait for the installation process
8	 <p>DRIVER BANK</p> <p>PAGE1 : UIA Win1 / Audio / Lan Driver Install PAGE2 : UGA Driver Install</p> <p>TouchScreen Driver Installation</p> <p>Setup has finished installing TouchScreen drivers and utilities on your computer. The Windows must be restarted.</p> <p>確定</p> <p>* Touch Panel Driver Install For WIN95</p> <p>Browse this CDROM</p> <p>EBN Technology Corp.</p> <p>EXIT</p> <p>http://www.ebn.com.tw</p>	1. Click "Yes"

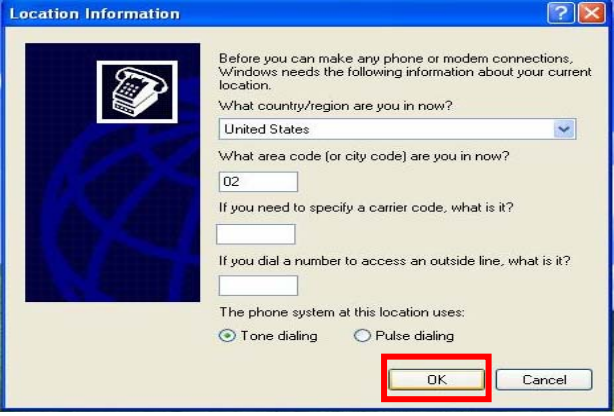
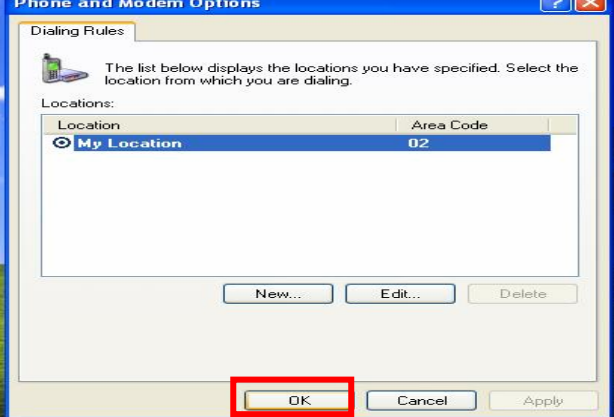


◆ Touch screen calibration


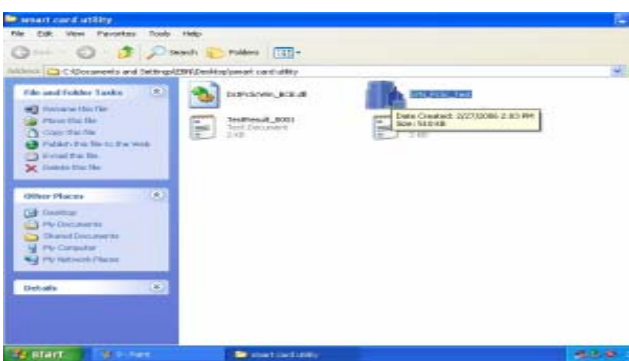
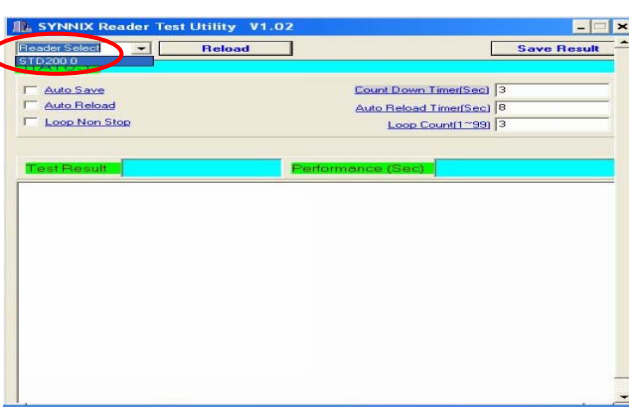

Item No.	Photo	Description
1		1. After you restart the computer, go to Program→ Touchscreen V7.0.COM→ “Touch Control Panel V.7.0 COM”
2		1. Click “Calibration”
3		1. Follow the cross mark shown on the screen to calibrate
4		1. After the calibration process is completed, click “Yes”

Item No.	Photo	Description
5		1. Click "Feedback Sound"
6		1. Choose "Touch Down Only" 2. Suggested Tone for "1000" 3. Suggested Duration for "50" 4. Click "OK"

3.3.3 MSR Verification

Item No.	Photo	Description
1		1. Enter to "All Programs" → "Communication" → "Hyper Terminal"
2		1. Click "Yes" to continue


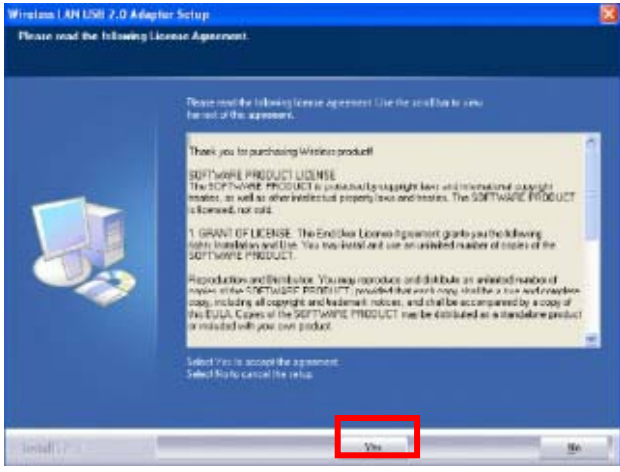
Item No.	Photo	Description
3		1. Set “area code” and click OK
4		1. Click OK
5		1. Enter a name and Click OK
6		1. Select on using COM2 port for MSR (Select COM3 if scanner installed) 2. Click “OK”

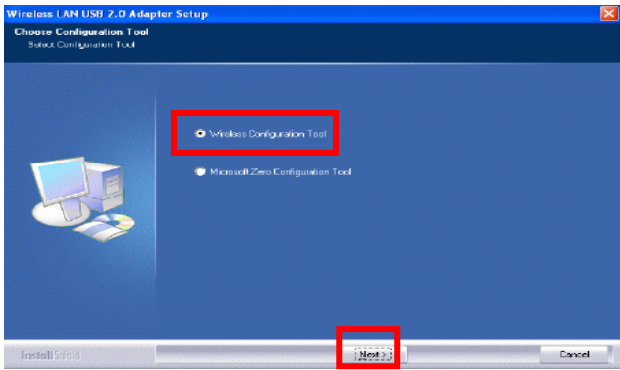
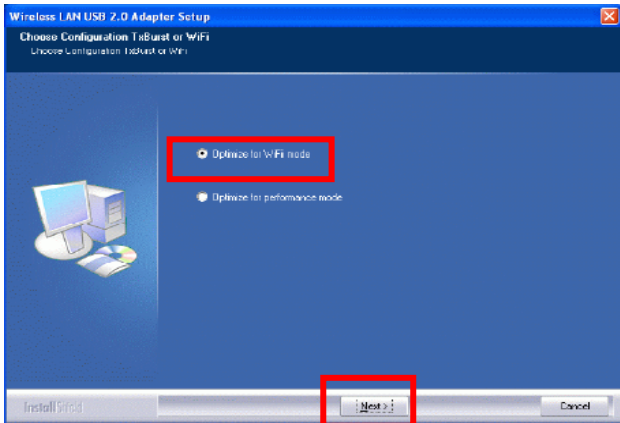
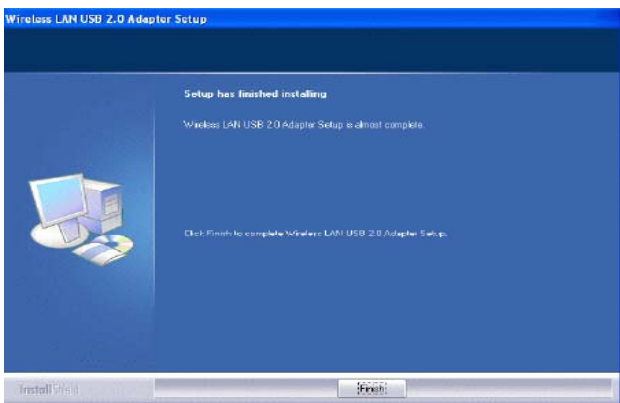
Item No.	Photo	Description
3		1. Click “Finish” for complete installation
4		1. Enter to Smart Card Utility → Select “SYN_PcSc_Test”
5		1. Select STD 200 0
6		1. Insert IC Card to slot


Item No.	Photo	Description
7		1. Show "PASS" complete test OK

3.3.5 WLAN IEEE 802.11g Driver Installation

- ◆ Please base on the driver CD provided to proceed the download process
- ◆ Insert the provided driver and utility CD into your CD drive
- ◆ The auto-run program should start automatically.

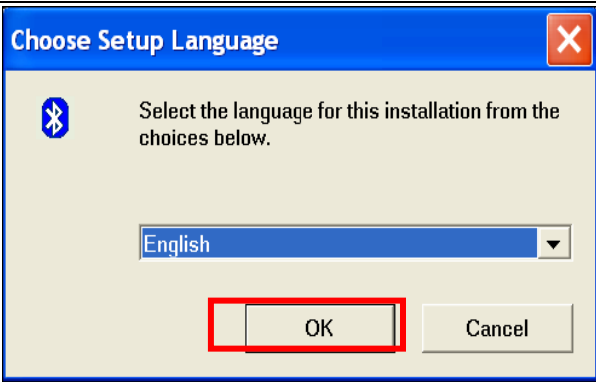
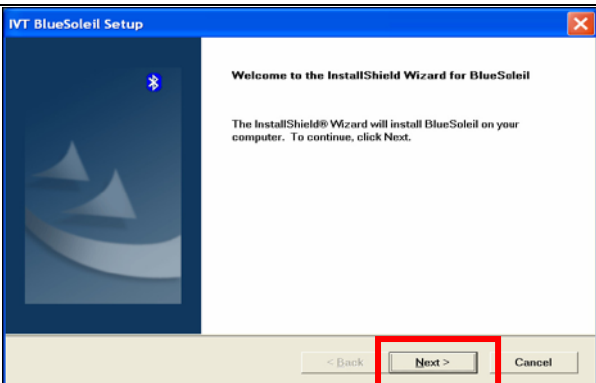
◆ Install the Utility		
Item No.	Photo	Description
1		1. Choose "Driver & Utility Installation"
2		1. Click "Yes"

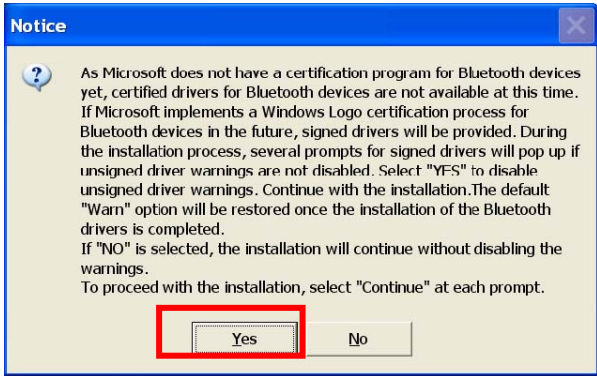
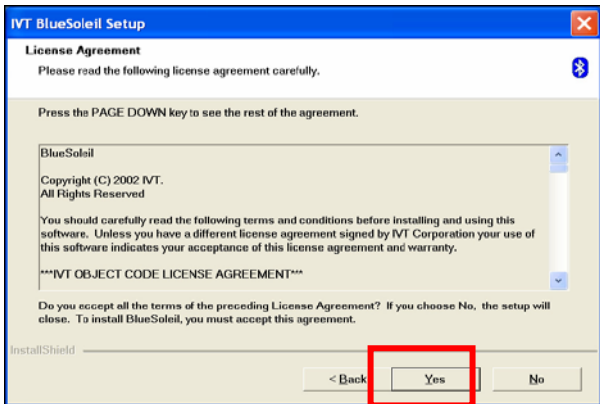
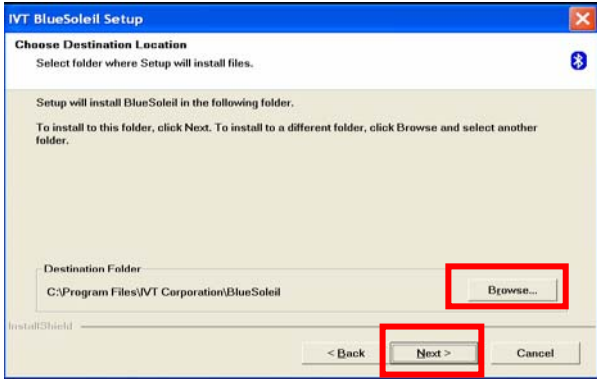
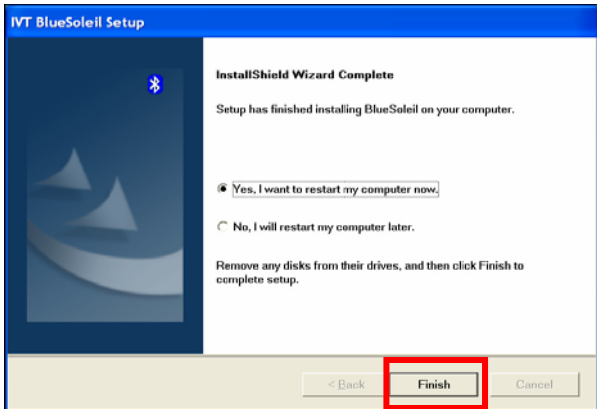
Item No.	Photo	Description
3		<ol style="list-style-type: none"> 1. Choose Configuration Tool from 2 choices -Default choose "Wireless Configuration Tool" 2. Click "Next"
4		<ol style="list-style-type: none"> 1. Choose "WIFI Mode" 2. Click "Next"
5		<ol style="list-style-type: none"> 1. Click "Finish" to complete the installation process
<p>◆ Install the hardware After the Driver is installed, locate USB host and insert USB Adapter. Windows will detect the new hardware automatically</p>		
<p>◆ Verify Go to Start→ Settings→ Control Panel→ System→ Hardware→ Device Manager Open Network Adapters category</p>		

Item No.	Photo	Description
1		<ol style="list-style-type: none"> 1. "802.11b/g Mini Wireless LAN USB 2.0 Adapter" will be listed if the device is installed properly 2. For Internet Connection and configuration Utility, please follow the user manual in the IEEE CD provided

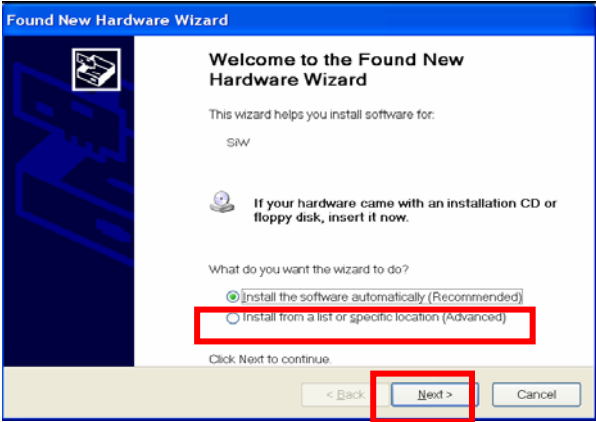
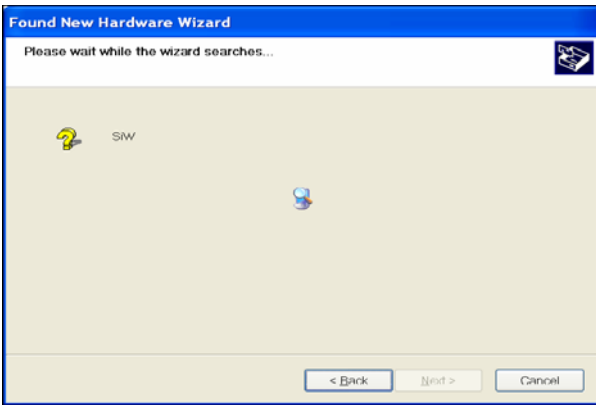

3.3.6 Bluetooth Driver Installation

- ◆ Insert CD-ROM into your CD-ROM drive. The "InstallShield Wizard" should automatically start running. If it doesn't load, run it's "Setup.exe" file.

◆ Software Installation		
Item No.	Photo	Description
1		<ol style="list-style-type: none"> 1. A window appears for you to choose your preferred language for this installation. Click "OK" to continue
2		<ol style="list-style-type: none"> 1. The "IVT BlueSoleil Setup" window should appear. Click "Next"

Item No.	Photo	Description
3		1. Click "Yes"
4		1. Click "Yes" to accept License Agreement
5		1. Click "Next" to install the driver to the default folder. Click "Browse" and select another folder if you wish to relocate your driver
6		1. Click "Yes" and click "Finish" to restart your computer

◆ Hardware Installation

Item No.	Photo	Description
1		<ol style="list-style-type: none"> 1. Insert the USB adapter into an available USB port after installing the driver and restarting your computer. You will see a system notice of “new USB devices found”. Click “Next” to register. 2. To boot from a different location, mark “install from a list or specific location” and click “Next” to continue
2		<ol style="list-style-type: none"> 1. Wait while the wizard searches for your USB adapter
3		<ol style="list-style-type: none"> 1. Click “Finish” while the search is completed