

Getting Started

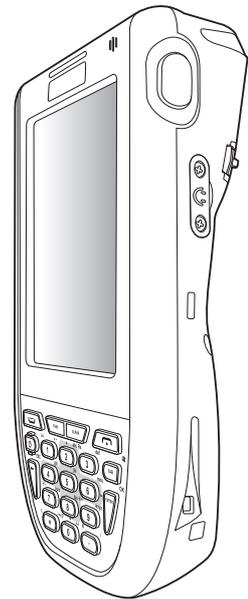
Introducing the PA600

The PA600 Phone Edition (PE) is designed for users who need a compact and durable PDA for data collection in real time transactions.

The PA600 is a rugged, compact and lightweight handheld computer with a Windows Mobile 6.1 operating system, an integrated laser bar code scanner, cell phone functionality, color LCD touchscreen, keypad and wireless communication capability. It provides a standard Windows based environment for customization and operation.

To reduce total cost of ownership, the PA600 is sealed to meet IP64 standards and has undergone multiple drop tests to prevent downtime.

Thanks for choosing the PA600 PE.



Features

Powerful System

- Microsoft Windows Mobile™ 6.1 Operating System.
- 624Mhz Intel PXA270 Processor.

System Memory

- 128 MB SDRAM.
- 320 MB Flash ROM.

Display

- 3.5" QVGA TFT-LCD with Touch-screen and Backlight.
- 240 x 320 Pixel Resolution.

Bar Code Scanner

- Built-in Laser Scan Engine.
- Built-in Vibration for Scanning Indication.
- Symbol SE950 Support.
- Unitech Hamster Bar Code Decoder.

Communication

- USB Host & Client.
- Bluetooth 2.0 + EDR (supports Bluetooth Printer, Bluetooth Modem, Bluetooth ActiveSync).
- eGPRS Siemens MC75 Radio Module, quad-band GSM 850/900/1800/1900 Mhz.
 - EDGE Multislot Class 10.
 - GPRS Multislot Class 12.
 - GSM Release 99.

Audio

- MIC.
- Speaker.
- Headset Connector.
- Receiver.

Wireless Connectivity

- 802.11b/g with Diversity Antenna.
- Bluetooth Wireless Technology.

Expansion Slot

- Secure Digital (SD) Card Slot (Supports SDHC up to 4G).

Battery Life

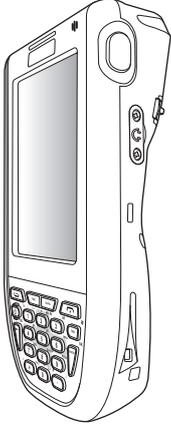
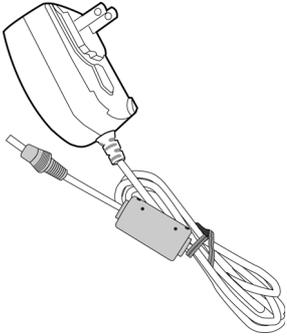
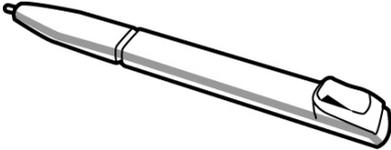
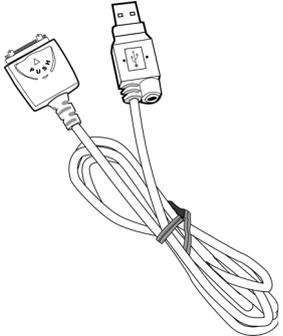
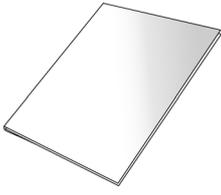
- Operation Time: Typical 5 Hours (With Wi-Fi), Average 9 Hours (Without Wi-Fi).
- Charging Time: Less than 5 Hours.
- Embedded Backup Battery Cell.

User-friendly Interface

- Quick Launch Hot Keys for Enabling Backlight, Calibration, Phone Calls, Software Keyboard and other Device Management Tasks.
- Trigger Keys for Bar Code scanning.

Package Contents

Ensure the following items are in the PA600 PE box:

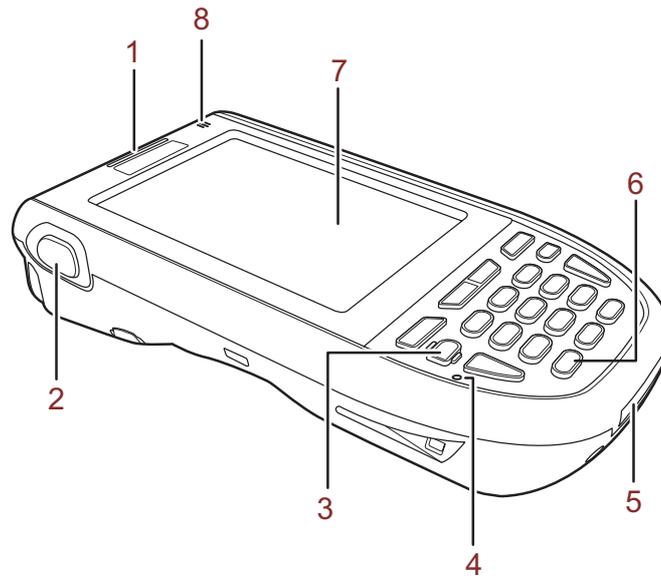
		
<p>PA600 PE Terminal</p>	<p>AC Adapter with Universal Plugs</p>	
		
<p>Battery Pack</p>	<p>Stylus</p>	
		
<p>USB Charging Cables</p>	<p>CD-ROM</p>	<p>Quick Reference Guide</p>

Please contact a local Unitech representative if anything appears damaged or missing.

A Tour of the PA600

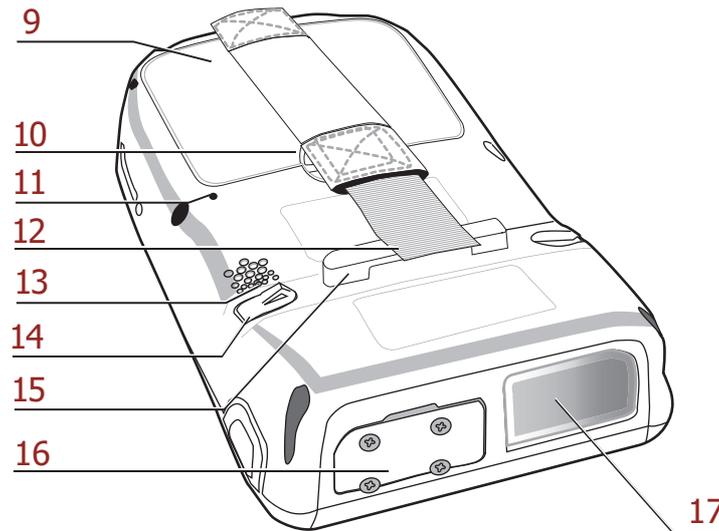
The main components and features of the PA600 are described through the following:

Front View



No.	Component	Description
1.	Status Indicator.	Indicates battery charging and bar code scanning status. Green - Battery is fully charged, or bar code scanning is successful. Red - Battery is charging, bar code scanner is operating. Yellow - GPRS is on. Blue - Bluetooth is on.
2.	Left Scanner Trigger Button.	Press to activate the Laser Bar Code Scanner.
3.	Power Button.	Press to start the PA600. Also, press this button down for at least three seconds to turn the PA600 off.
4.	Microphone.	Records audio.
5.	Universal Connector.	Connects the PA600 to a USB Charging/Communication Cable. This USB cable connects to the computer's USB Port and accepts the 5V AC Adapter to provide power to the PA600. This unit can simultaneously recharge and perform a Microsoft ActiveSync operation. In addition use it to connect peripheral hardware, such as a docking station. This port can also support USB and RS232 hosting for devices such as a USB or RS232 scanner, keyboard or USB memory key.
6.	Keypad.	Keypad interface for controlling the PA600. See <i>Keypads and Function Buttons</i> on page 15 for more information.
7.	LCD Touch-screen.	Displays applications and data on the PA600. It is touch-sensitive and responds to the Stylus or finger.
8.	Speaker.	Enables audio from the PA600.

Back View



No.	Component	Description
9.	Battery Compartment.	Houses the removable and rechargeable 3.7V 2200 mAH Battery Pack.
10.	Battery Compartment Release Latch.	Opens the Battery Compartment.
11.	Reset Button.	Press the Stylus into the PA600's Reset Button to Clean Boot the device.
12.	Handstrap.	Enables users to securely hold the PA600.
13.	Speaker.	Enables audio from the PA600.
14.	Stylus.	Enables users to interact with the operating system. To use the Stylus, remove it from its holder and hold it like a pen or pencil.
15.	Strap Holder.	Secures the handstrap.
16.	Memory Card Slot.	Accommodates Secure Digital (SD) memory cards and can serve as an SDIO Port.
17.	Bar Code Scanner Window.	Scans bar codes.

Getting Started

Install and charge the battery, check the battery status, turn on the PA600, and calibrate the PA600's screen through the following:

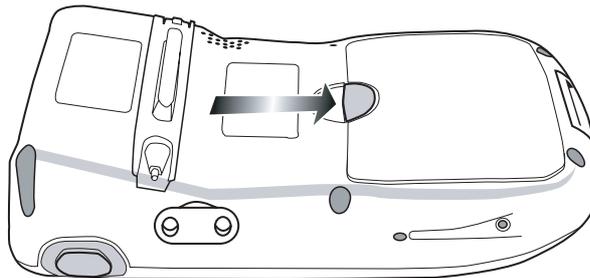
Installing the Battery

WARNING! If the Battery Pack is handled improperly there is risk of fire and/or burns. Do not disassemble, crush, puncture, short external contacts, or dispose the battery pack in fire or water. Do not attempt to open or service the battery pack. Dispose of used batteries according to local recycling guidelines.

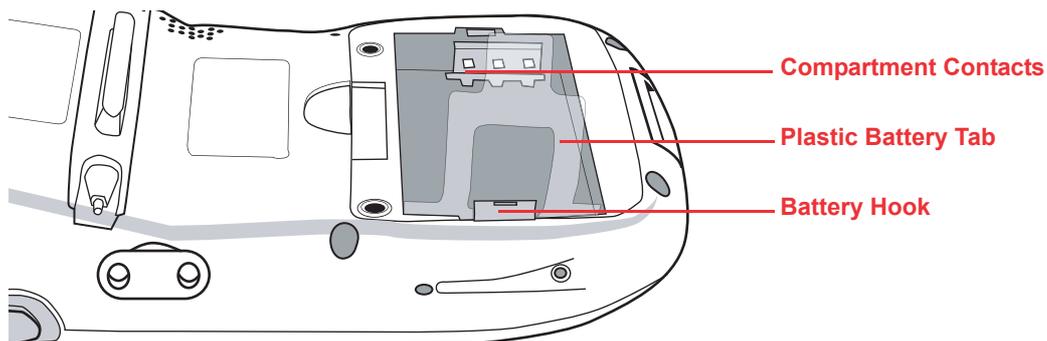
A Backup Battery cell is embedded in the PA600 to prevent data loss when the removable Battery Pack disconnects from the PA600. The Backup Battery will maintain data and system settings for up to 6 hours.

NOTE: Initially charge the Main Battery for at least 16 hours to provide the battery with enough power.

1. Access the Battery Compartment by pushing the Battery Compartment cover Latch in the direction as shown below:

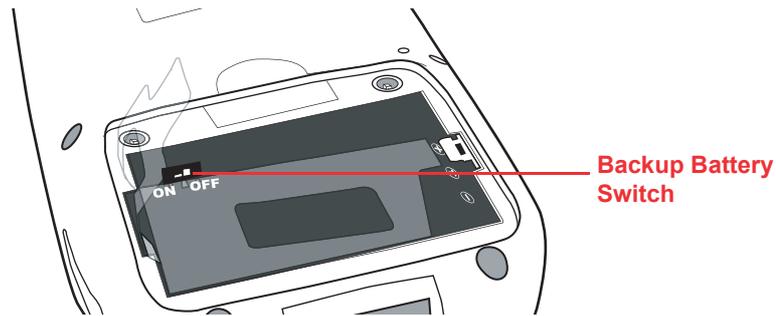


Components of the Battery Compartment are highlighted below:

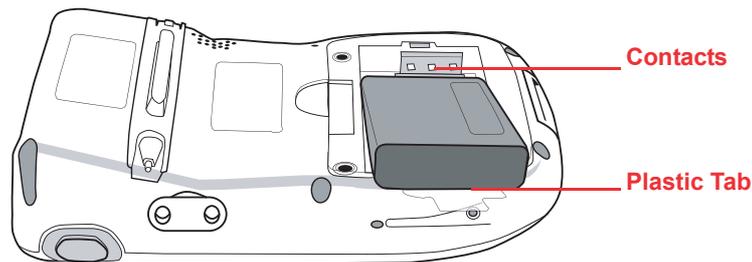


NOTE: Do not remove the Plastic Battery Tab, it is useful for removing the Battery.

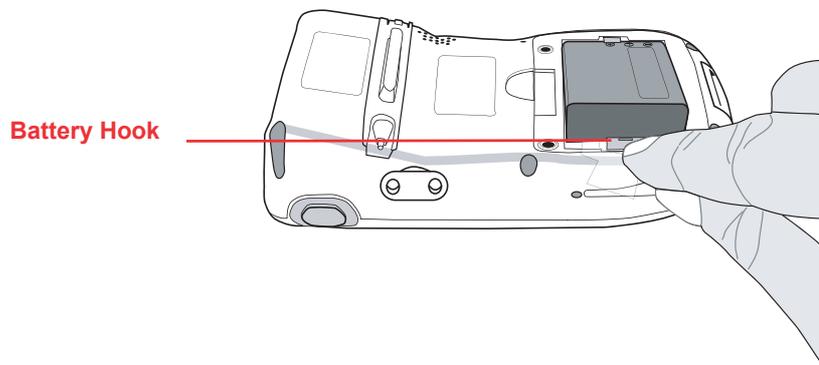
2. Locate the Backup Battery Switch in the Battery Compartment, and use a Stylus to move it to the left in the **ON** position.



3. Position the Battery so the Battery Contacts align with the Battery Compartment Contacts. Place the Battery on top of the Plastic Tab as shown below:



4. Simultaneously slide the Battery Pack into the Battery Compartment while pulling the Battery Hook until the battery snaps into place as shown below:



5. Replace the Battery Compartment Cover.

Charging the Battery

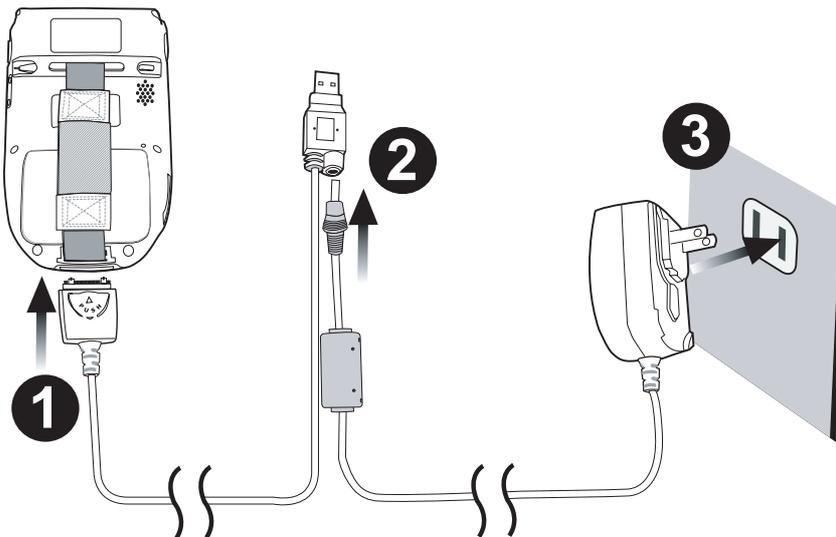
Charge the PA600 for at least 16 hours prior to initial use. After the initial charge, the PA600 will recharge to full capacity in about 4 hours. Only use the PA600 USB Charging Cable or the PA600 Cradle for charging the device.

CAUTION! Operating the PA600 for the first time without the AC Adapter, and without fully charging the Backup Battery may result in RAM memory data loss. When the Main Battery is removed, the Backup Battery retains RAM data for 2 hours. Charge the battery within this time period to avoid data loss.

NOTE: Turn the Backup Battery switch to the **ON** position before charging the Battery. Data loss may occur if the Backup Battery is not properly charged.

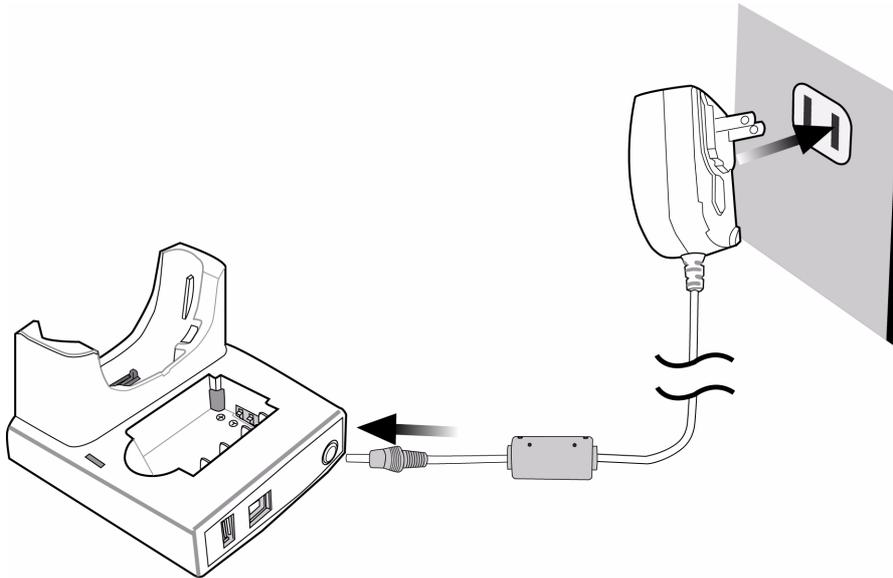
Charging the Battery using the USB Cable

1. Press and hold the USB Charging Cable's Release Buttons while connecting to the PA600 (1).
2. Plug the AC Adapter Cable into the USB Charging Cable's power jack (2).
3. Plug the other end of the AC Adapter Cable into an electrical outlet (3).

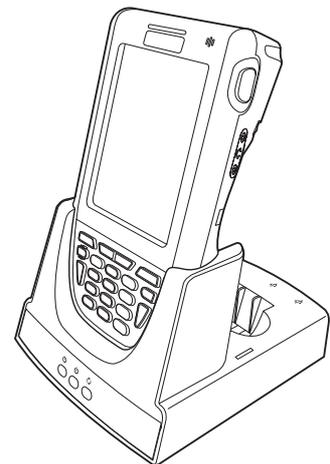


Charging the Battery with the Docking Station

1. Plug the AC Adapter Cable into the Docking Station's power jack, and connect the other end of the AC Adapter into an electrical outlet.



2. Slide the PA600 down into the Docking Station until it snaps into place.



3. The connection is secure when the PA600's bottom edge aligns with the Cradle. (The PA600's LED indicator lights up red.)

LED Status

	LED	Description
PA600	Solid Red	Charging.
	Solid Green	Charging Complete.
Docking Station	 Power LED	Power is On.
	 Charging LED	Charging (For Spare Battery Only).
	 Sync LED	Synchronization is occurring.

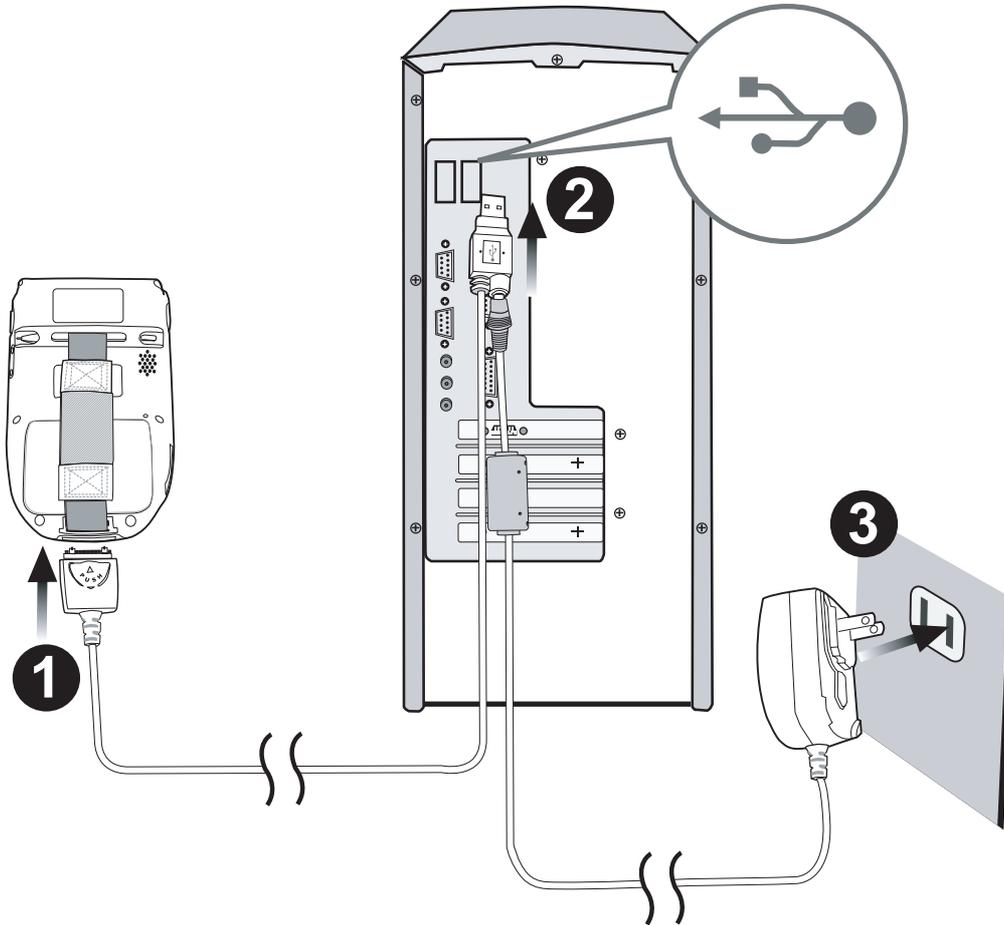
Checking the Battery Status

If the battery level becomes low during the course of normal use, a status icon appears on the PA600's screen indicating low or very low battery status. In both cases, perform a Microsoft ActiveSync operation to backup data, and recharge the PA600 as soon as possible. If the battery level reaches low status, the device will enter a sleep mode and cannot power up until the battery is charged, or until the PA600 connects to an external power source. Windows Mobile 6.1 will retain installed applications and data when the main battery is drained for extended time periods.

Connecting the PA600 to a PC

Connect the PA600 to a PC with the USB Cable through the following:

1. Press and hold the USB Charging Cable's Release Buttons while connecting to the PA600 (1).
2. Connect the USB Charging Cable to the PC/Notebook's USB Port and plug the AC Adapter Cable into the USB Charging Cable's power jack (2).
3. Plug the other end of the AC Adapter into an electrical outlet (3).



Turning the PA600 on for the First Time

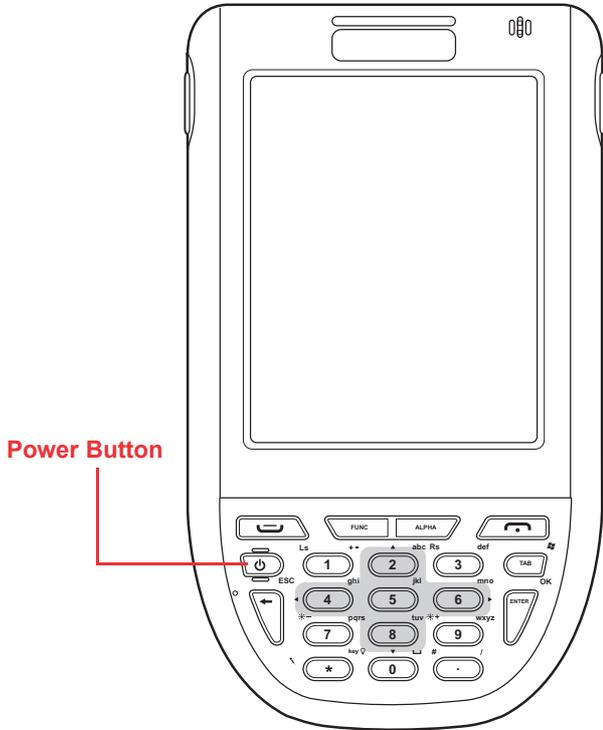
Charge the PA600 for at least 16 hours prior to initial use. Start the PA600, calibrate the display, learn some basic Stylus usage, and setup the date and time through the following:

Powering On

1. Start the PA600 by pressing the Power Button on the front panel.

NOTE: The PA600's screen ships with a protective plastic film. Remove the plastic film by peeling from one corner to another. The screen will be more susceptible to scratching without the film, but it will be more legible.

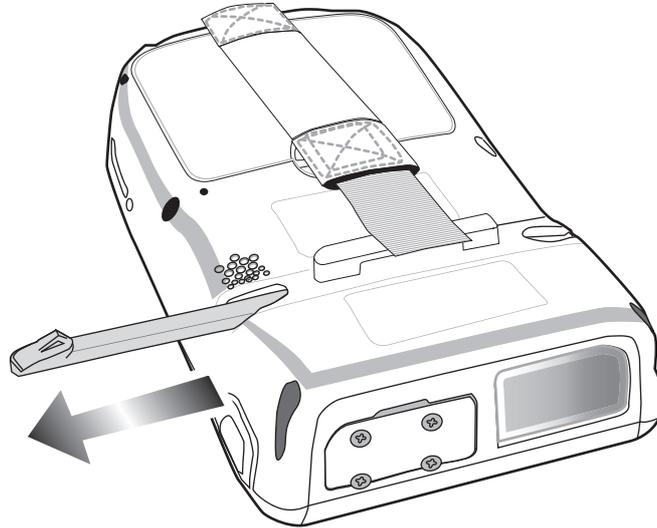
2. The Unitech PA600 welcome screen appears for a moment followed by the Windows Mobile screen.



Using the Stylus

CAUTION! Never use anything other than the PA600 Stylus on the PA600's screen. Using an object other than the PA600 Stylus could cause permanent damage.

1. Remove the Stylus from its holder.



2. Hold the Stylus like a pencil.
3. Lightly tap the tip of the Stylus to make a menu choice.
4. Use the Stylus to print letters or numbers into a field or on a form.

Calibrating the PA600 Screen

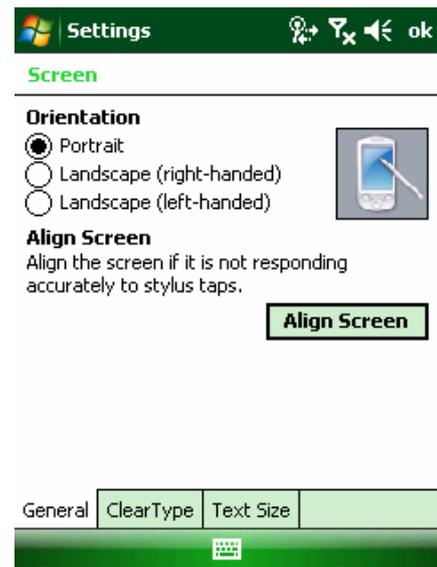
The calibration screen automatically appears when the PA600 powers on for the first time or after the system is reset.

1. Calibrate the screen at any time through the following: Tap **Start** → **Settings**, and select the **System** tab.
2. Tap the **Screen** icon.

NOTE: Or, simultaneously press **FUNC** and **ESC**.



The Screen window appears, where users can customize the screen settings.



3. Tap **Align Screen** to calibrate the screen.
The align screen window appears.
4. Tap the target firmly and accurately.



Tap the target firmly and accurately at each location on the screen. The target will continue to move until the screen is aligned.



5. Tap the target as it moves across the corners of the screen.
6. Continue tapping the target until calibration is complete.

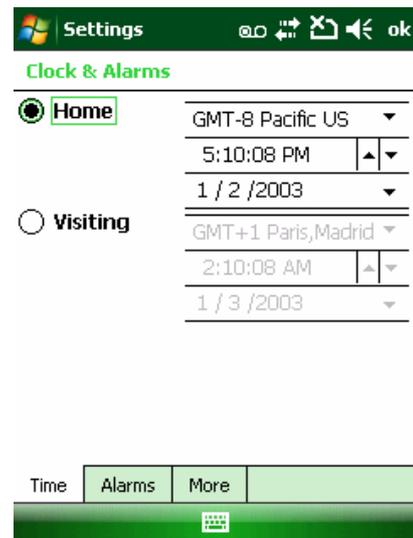


Tap the target firmly and accurately at each location on the screen. The target will continue to move until the screen is aligned.

Set Date and Time

Tap **Start** → **Settings** → **System** → **Clock & Alarms**, to set the time zone, time and date. Select the time zone, time and date from their respective drop down menus. Tap **ok** → **Yes** to save the settings

NOTE: In addition, tap the system clock on the upper right corner of the screen to access the Clock & Alarms screen. Tap **Getting Started** on the PA600's main menu to acquire helpful links about system settings.



Chapter 2

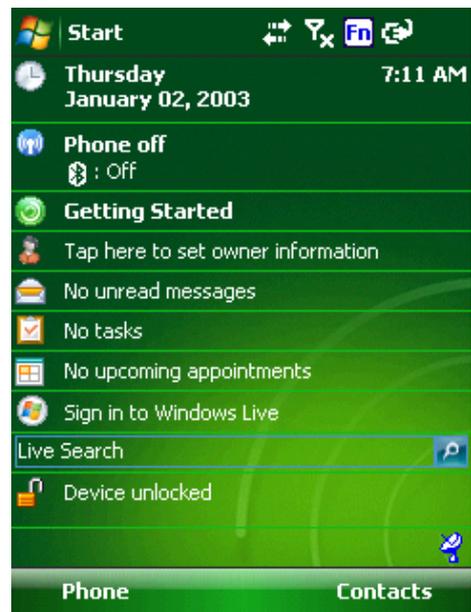
Using the Hardware

Keypads and Function Buttons

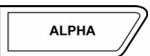
With the keypad, users can enter information and interact with the PA600's operating system. Use the function key to access and operate secondary functions.

Press  to access the function icon in the operating system, as shown on the screenshot to the right.

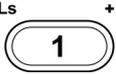
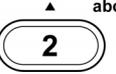
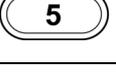
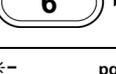
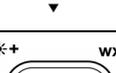
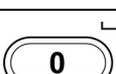
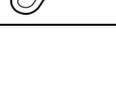
Function Activated Icon



The Keypad Keys are described through the following:

Key	Main Function	Secondary Function
	Talk/Send.	Opens the Phone screen to make a call or send a message.
	—	Enables/Disables secondary function keys.
	Alpha.	—
	End.	Exits the Phone screen or ends a call.
	Turns the PA600 on and off.	—

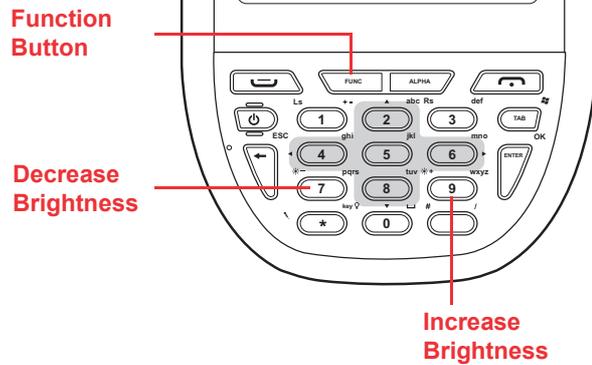
Chapter 2 Using the Hardware

Key	Main Function	Secondary Function
	Number 1.	Left soft key - activates a shortcut for the function listed on the bottom left of the screen.
	Alphanumeric 2, a, b and c.	Up navigation key.
	Alphanumeric 3, d, e and f.	Right soft key - activates a shortcut for the function listed on the bottom right of the screen.
	Tab.	Opens the Start menu.
	Backspace.	Escape key.
	Alphanumeric 4, g, h and i.	Left navigation key.
	Alphanumeric 5, j, k and l.	—
	Alphanumeric 6, m, n and o.	Right navigation key.
	Alphanumeric 7, p, q, r and s.	Decreases screen brightness.
	Alphanumeric 8, t, u and v.	Down navigation key.
	Alphanumeric 9, w, x, y and z.	Increases screen brightness.
	Asterisk.	Illuminates keypad.
	Number 0 and space.	—
	Period.	Pound.
	Enter key.	OK.

Adjusting the Screen Brightness

Adjust the screen brightness through the following:

1. Press **FUNC** to enable the secondary key functions.
2. Press **7** (Decrease Brightness).
Press **9** (Increase Brightness).

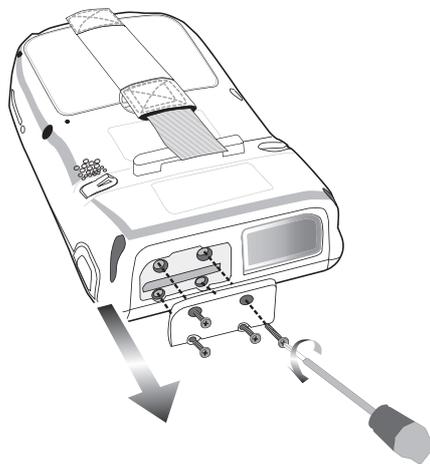


Using the SD/MMC memory card

The PA600's expansion slot is compatible with a range of SD and MMC storage cards, which are primarily used to backup or transfer files and data. The expansion slot also supports SDIO cards for additional connectivity options.

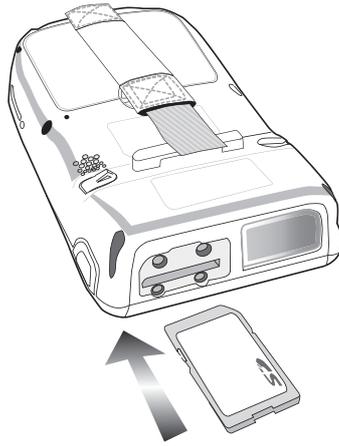
Inserting a Storage Card

1. Remove the SD Compartment Cover by rotating the screws counterclockwise with a screwdriver as shown below:



Chapter 2 Using the Hardware

2. Insert the SD Card with the notched end facing up and into the slot as shown below:



3. Replace the SD Compartment Cover with the four compartment screws.

Removing a Storage Card

1. Remove the SD Compartment Cover by rotating the screws counterclockwise with a screwdriver.
2. Press the card in, and release. The card should automatically release.
3. Remove the SD Card from the slot.

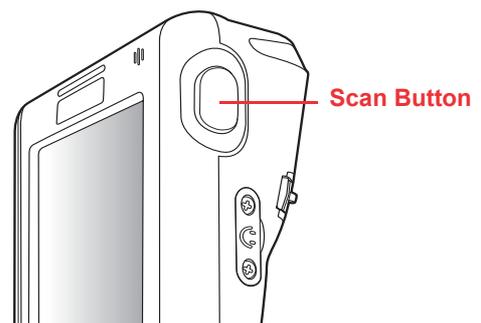
Using the Laser Scanner

The PA600 has an integrated laser scanner that reads all major bar code labels.

NOTE: Reading software must be enabled in order to operate the scanner. This can be a user loaded application or a preload utility such as Scanner Settings and Scan2Key.

Press either one of the Scan Buttons to activate the laser scanner.

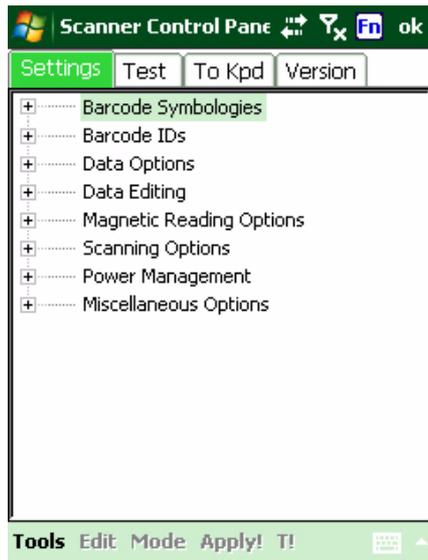
Test the PA600's Laser Bar Code Scanner through the following:



1. Tap **Start** → **Settings** and select the **System** tab.
Tap the **Scanner** icon.

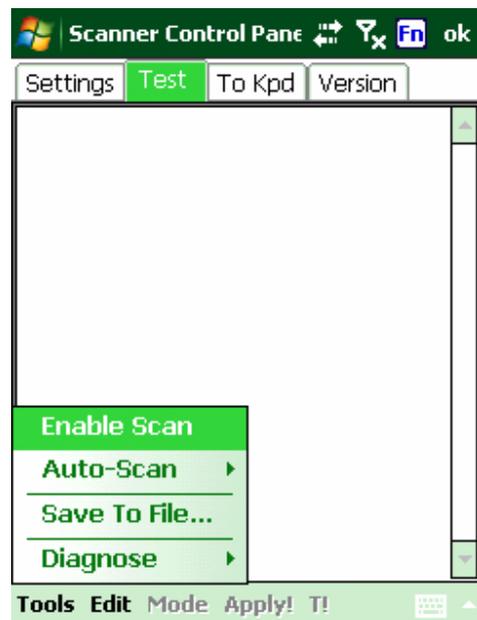


2. The Scanner Control Panel opens.



In the Scanner Control Panel screen, it is possible to configure bar code scanner parameters such as enabling or disabling bar code symbologies, set data transmission options, configure magnetic and proximity reading options and set power management options.

3. To test the bar code scanner, tap the **Test** tab.
4. Tap **Tools**.
5. Tap **Enable Scan**.
6. To perform an auto-scan, Tap **Tools** → **Auto-Scan** → **Start Auto-Scan**.
7. Choose the time Interval (default: three seconds).
8. Tap: **Start**.
9. The Laser automatically scans bar codes every three seconds.
10. To stop the auto-scan, tap **Tools** → **Auto-Scan** → **Stop Auto-Scan**.

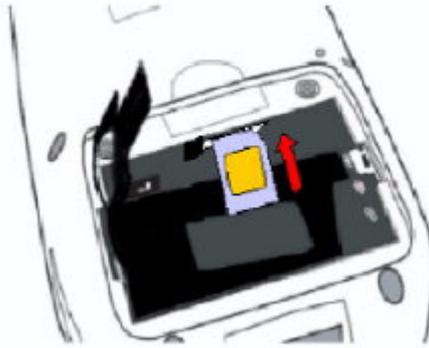


Using the SIM Card

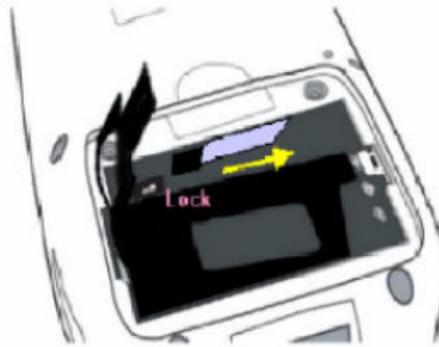
The PA600's GPRS SIM Card Slot is inside the Battery Compartment.

Inserting the SIM Card

1. Remove the Battery Cover and the Main Battery. Insert the SIM Card with the metallic gold side facing up, and with the notched corner facing right, as shown below:



2. Push the SIM Card inside the slot until it clicks into place. Use a Stylus to push the SIM Card Slot Lock to the right, as shown below:



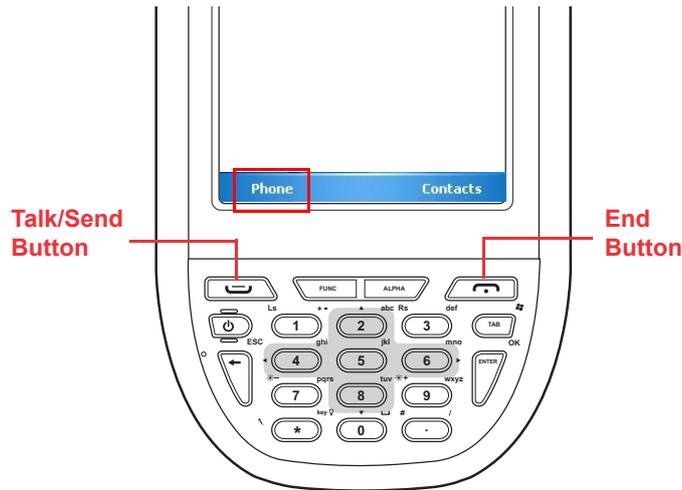
Using the Phone

The PA600 has an integrated phone keypad, which allows users to make, receive, and send messages via the built-in module.

NOTE: Ensure that the SIM Card is properly inserted.

Open the Phone screen through one of the following:

1. Tap **Phone** on the bottom left corner of the screen.
2. Press **Talk/Send**.
Press **End** to exit the Phone screen.



In the Phone screen, users can manage the contact list, create speed dials, messages, notes and customize phone settings.

NOTE: If the SIM Card is protected by a PIN code, input the code before using any phone features.

Tap the Antenna Signal icon on the upper right corner of the screen. Tap **Wireless Manager** and turn on the phone function.



Signal	Description
	Phone service searching.
	No signal is available.
	Signal strength. More bars equals a stronger signal strength.
	No phone service provided.
	Phone function is turned off. Tap the antenna signal icon and turn on the phone function in the Wireless Manager.

Tap the speaker icon on the upper right corner of the screen. Adjust the device/phone volume by moving the sliders and change the ring volume by tapping **On**, **Vibrate** or **Off**.

Speaker Icon



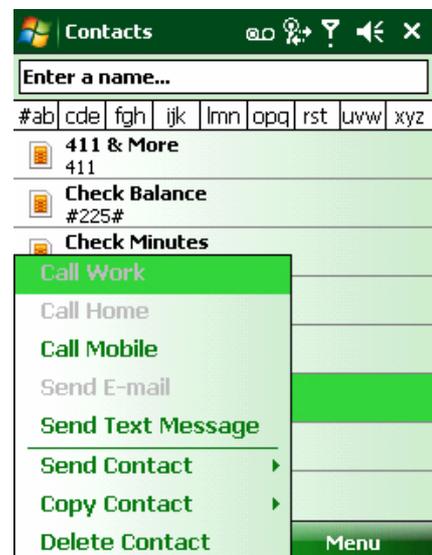
Making a Call Using the Phone Keypad

1. Tap **Phone** or press **Talk/Send**.
2. Enter a phone number.
3. Tap **Talk** on the Phone screen.
4. Tap **Hold** to place the number on hold when the call connects.
5. Enter the second phone number and tap **Talk**.
6. Tap **Swap** to switch between calls.
7. Tap **End** or press **End** to stop dialing or end the call.



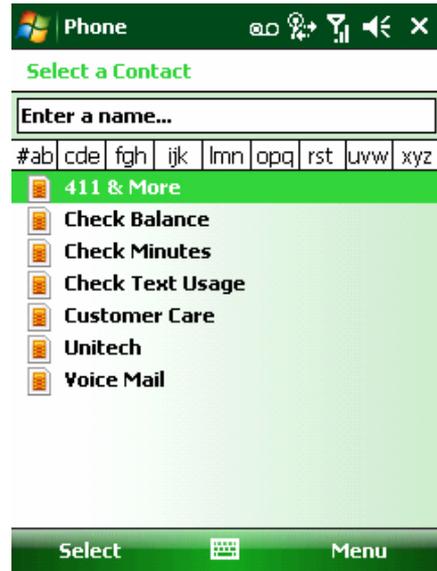
Using the Contact List

1. Tap **Contacts** on the bottom left corner of the Phone screen.
2. Tap **New** on the bottom left corner of the contact list to add a new contact.
3. Tap a contact, and edit the contact info.
4. Tap and hold on a contact, a menu appears. It is possible to send e-mail/text messages to the contact and etc.



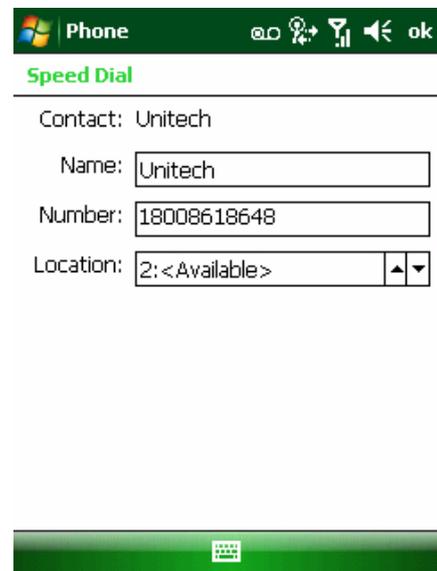
Using the Speed Dial

1. Tap **Speed Dial** on the Phone keypad.
2. Tap **Menu**, and select **New**.
3. Select a contact in the contact list by tapping the desired contact.



4. Assign an available location for the new speed dial entry. Tap **OK** → **OK** to exit the speed dial list.

NOTE: The first speed dial location is reserved for voice mail.

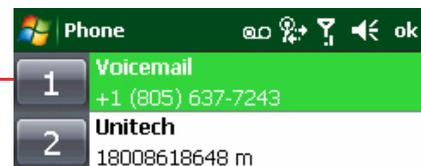


Make a speed dial call through one of the following:

Tap and hold the speed dial location number assigned to a contact on the Phone keypad.

5. Tap **Speed Dial** on the Phone keypad, and tap the location number of the desired speed dial entry.

Location Number



Customizing the Phone Settings

Tap **Menu** → **Options** to change the default phone settings, which includes ring sound, keypad sound, call barring, call forwarding, call waiting, mobile phone network and etc.

Getting Connected

Establishing Device-PC Connection

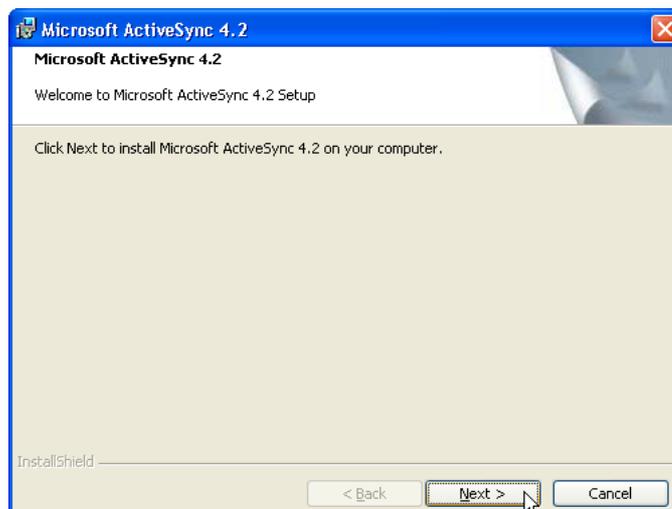
Installing Microsoft ActiveSync

Microsoft ActiveSync must be installed on the computer in order to exchange information between the computer and the PA600. Microsoft ActiveSync is already installed on the PA600. Use the PA600's USB Charging Cable or the docking station to connect the PA600 with a computer.

NOTE: If a previous version of Microsoft ActiveSync is installed on the computer, uninstall it first, before installing the latest version of Microsoft ActiveSync. The PA600 Phone Edition requires Microsoft ActiveSync version 4.2 or higher.

Install Microsoft ActiveSync on the computer through the following:

1. Close any open programs, including those that run during startup, and disable any antivirus software.
2. Download the Microsoft ActiveSync software from the Microsoft ActiveSync Download page at:
<http://www.microsoft.com/windowsmobile/downloads/activesync42.mspx>
3. Follow the onscreen instructions to install Microsoft ActiveSync.



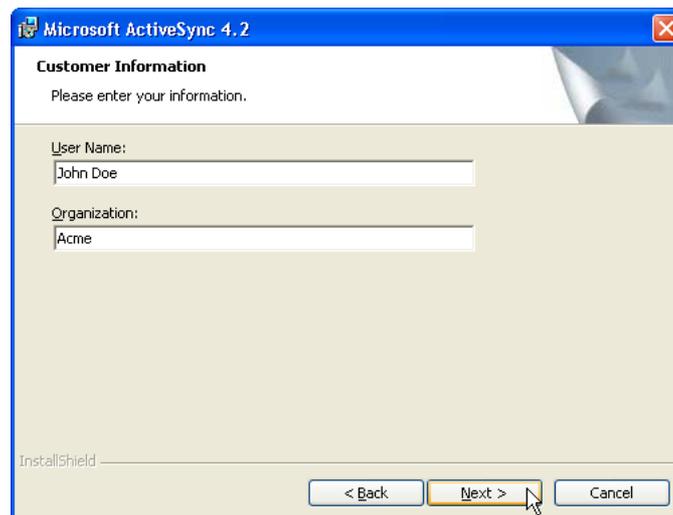
4. Click **Next**.

The End User License Agreement (EULA) appears.



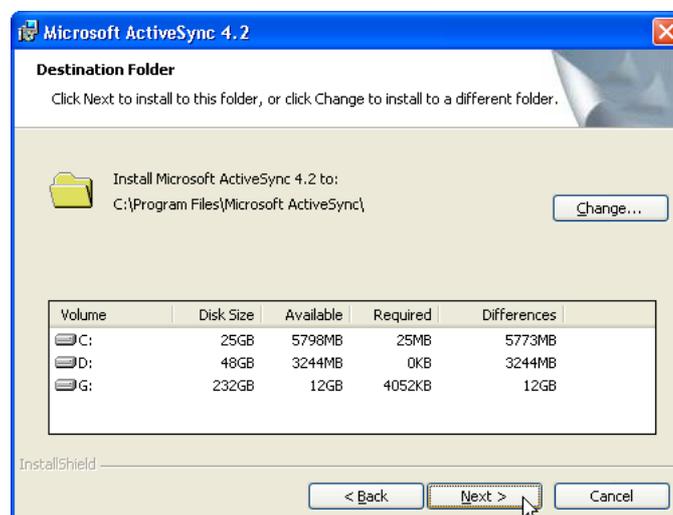
5. Accept the license agreement terms and click **Next**.

Fill out the information fields.



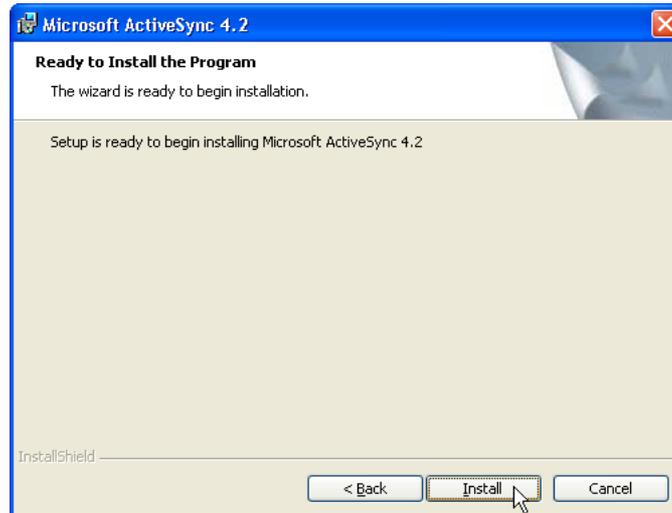
6. Type the user name and organization and click **Next**.

Select the folder destination.



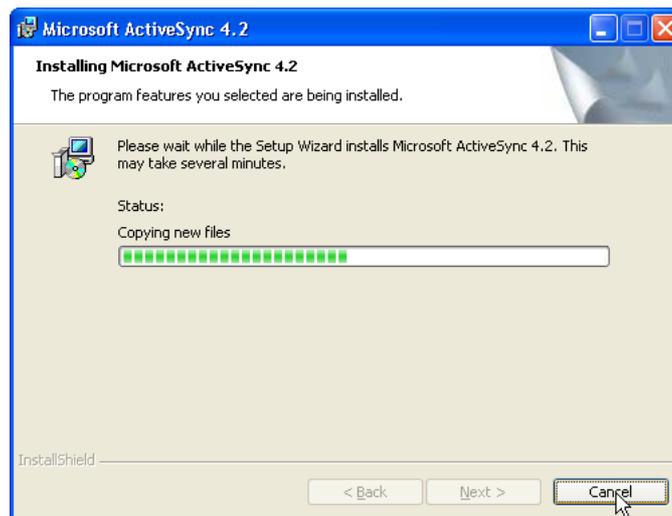
7. Select a drive to install the program and click **Next**.

The installation wizard gathers all the information it needs to install Microsoft ActiveSync and prompts users to begin the installation.

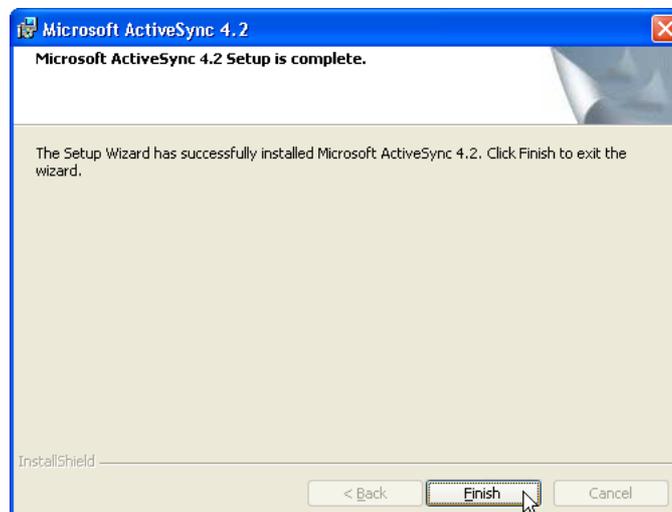


8. Click **Install**.

The program begins the installation.



After the program finishes installing, the following screen appears.



9. Click **Finish**.

Restart the computer after installing Microsoft ActiveSync. The Microsoft ActiveSync icon  appears in the computer's system tray and the Connection Wizard automatically starts. For details on how to use Microsoft ActiveSync on the computer, start Microsoft ActiveSync then click **Help** → **Microsoft ActiveSync Help**.

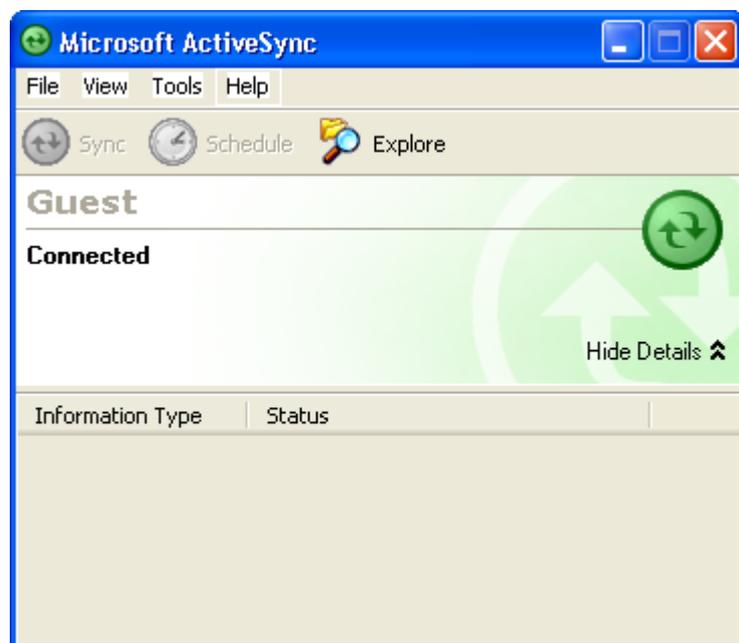
Connecting the Device to the Computer

1. After Microsoft ActiveSync installs, connect the USB Charging Cable to the Universal Connector on the bottom of the device. If necessary, connect an Adapter. Refer to *Connecting the PA600 to a PC* on page 10.
2. Plug the other end of the USB Charging Cable into the computer's USB Port.
3. Start the PA600.
4. Microsoft ActiveSync starts automatically and configures the USB Port to work with the PA600. The New Partnership setup wizard automatically starts.

NOTE: If Microsoft ActiveSync doesn't start automatically, click **Start** → **Programs** → **ActiveSync**.

NOTE: If a message appears indicating that it is unable to detect a connection, click **Cancel** and manually configure the communication settings on the PC by clicking **MAS** → **File** → **Connection Setting** → **Connect Device**.

5. Follow the onscreen instructions.
6. The Microsoft ActiveSync window appears once the configuration process is complete.



7. Synchronization will initiate, and it will synchronize periodically or upon connection.

NOTE: A PC can partner with multiple PA600's. But, a PA600 can only partner with up to two computers.

Synchronizing with the Computer

Synchronization occurs according to the options setup in Microsoft ActiveSync via the computer. Accepting the default (On Connect) synchronization option in the Microsoft ActiveSync Setup Wizard enables users to simply connect the PA600 to the desktop computer and synchronization will automatically occur.

If the On Connect feature in Microsoft ActiveSync is not selected, start Microsoft ActiveSync through either of the following:

- On the computer, double-click **My Computer** → **Mobile Devices** folder.
- Connect the USB Cable between the computer and PA600.

Connection options

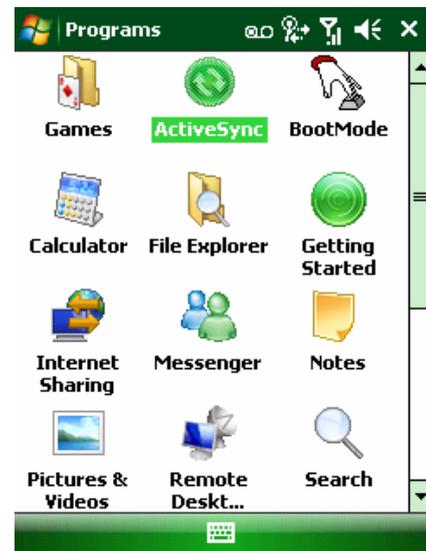
Set remote synchronization with the computer through following connection options:

- USB connection.
- Bluetooth connection.
- GPRS connection.
- Wi-Fi connection.

USB Connection

Synchronize the computer via a USB connection through the following:

1. Connect the PA600 to a computer using the USB Charging Cable.
2. Tap **Start** → **Programs** → **ActiveSync**.
3. Tap **Menu** → **Connections...**
4. Select **Synchronize all PCs** using this connection check box.
5. Select a baud rate or cable type connection.
6. Tap **OK**.

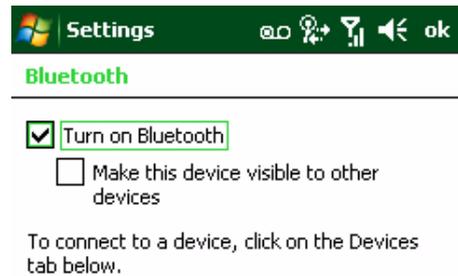


Bluetooth Connection

The PA600 is equipped with Bluetooth wireless technology that can synchronize information with a computer equipped with a Bluetooth adapter or access point. Bluetooth wireless technology communicates with the computer whenever it is within range.

Setup a Bluetooth connection through the following:

1. Tap **Start** → **Settings** → **Connections** → **Bluetooth** → **Mode** and check **Turn on Bluetooth**.



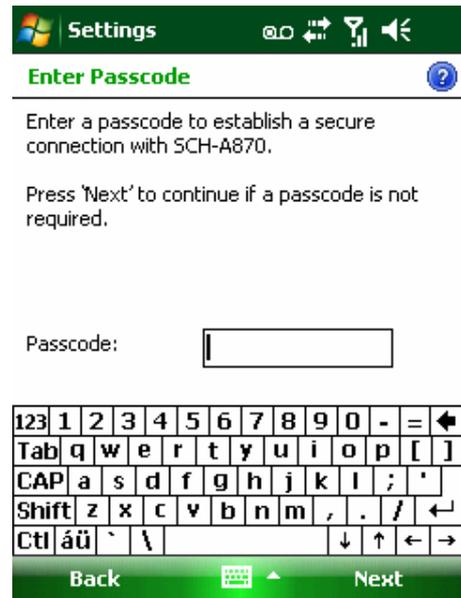
2. Tap **Devices** → **Add new device....**



3. Select a device from the list. Tap **Next**.

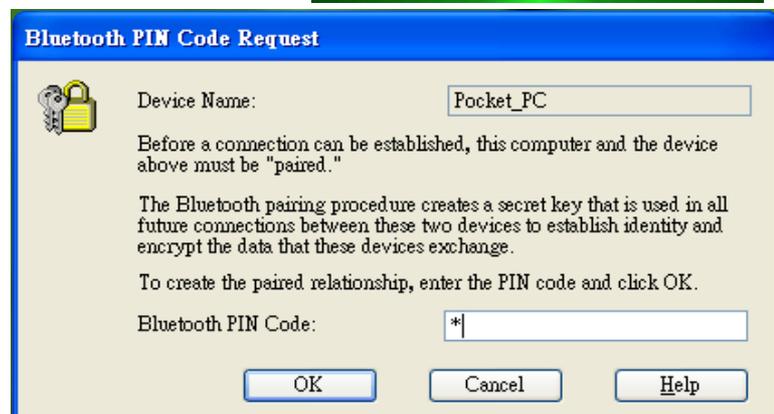


4. Enter the passcode in the **Passcode** field.



NOTE: On the PC screen, enter the Bluetooth PIN Code Request.

5. Enter the same Bluetooth PIN Code that was entered in step 4.



6. Select service. Check **ActiveSync** and tap **Finish**.
7. Preserve battery power by ending the Bluetooth Microsoft ActiveSync connection when the synchronization is complete. Tap **OK**.
8. Tap **Start** → **Programs** → **ActiveSync**.
9. Tap **Menu** at the bottom right corner of the screen. Select **Connect via Bluetooth**. The terminal connects to the host via Bluetooth Microsoft ActiveSync.

GPRS Connection

The PA600 comes with a built-in GPRS module, which enables users to connect to the internet. Access the internet through the following:

NOTE: Insert the SIM card properly. See *Using the SIM Card* on page 20.

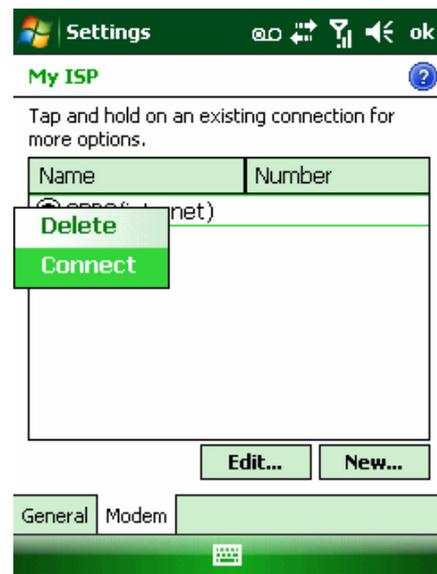
1. Tap **Start** → **Settings**. Under the **Connections** tab, tap **Connections**.



2. Under **My ISP**, tap **Manage existing connections**.



- Tap and hold **GPRS (internet)** in the list. Select **Connect**.
Once a prompt appears an internet connection is complete via GPRS.



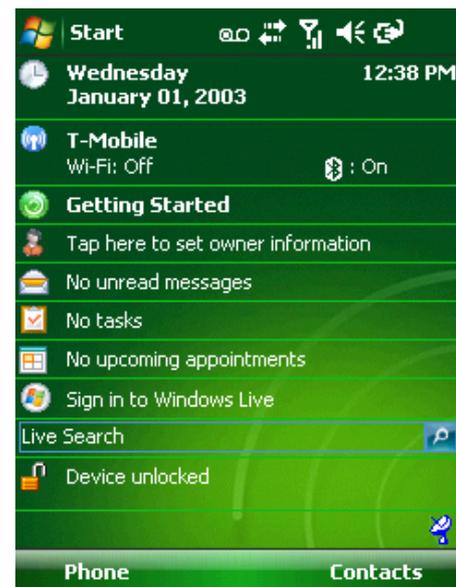
Wi-Fi Connection

With the PA600's embedded WLAN module, users can send and receive signals to a Wi-Fi network and synchronize files.

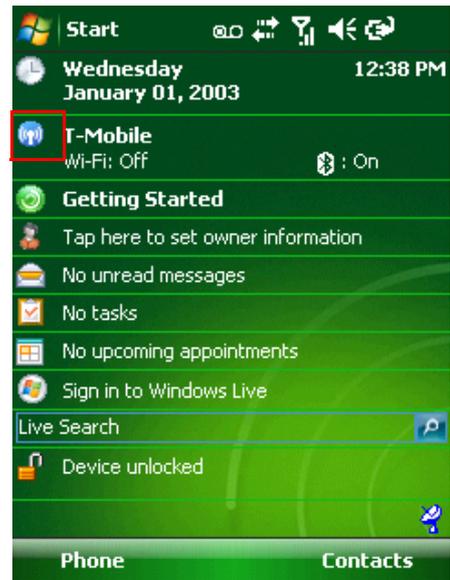
NOTE: Wi-Fi access requires a service contract through a wireless service provider. Contact a wireless service provider for more information.

Add a wireless network when the network is detected or manually enter setting information. Before following these instructions, check to make sure if any authentication information is needed.

- If the Wi-Fi icon appears on the device, double-tap the icon and tap **enable wireless**.



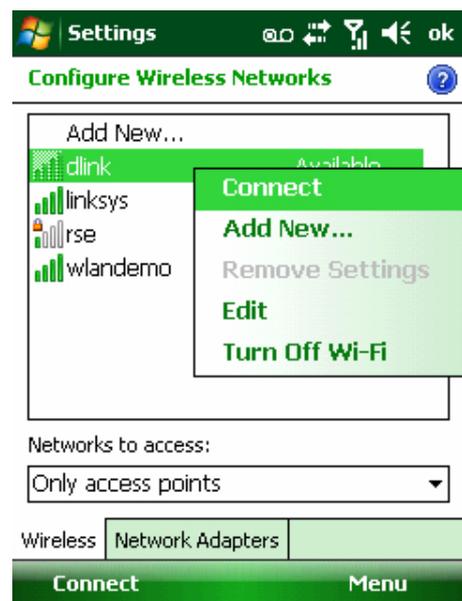
2. Tap the **Wireless Manager** icon.



3. Tap **Menu** at the bottom right corner of the Wireless Manager window. Select **Wi-Fi Settings**.



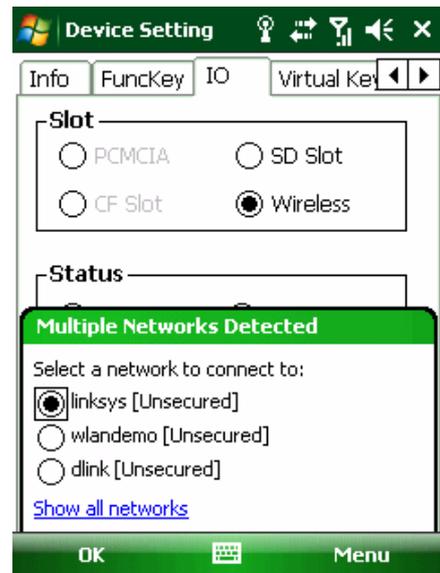
4. If there are available networks detected, tap and hold the network name, and then select **Connect**.



Chapter 3 Getting Connected

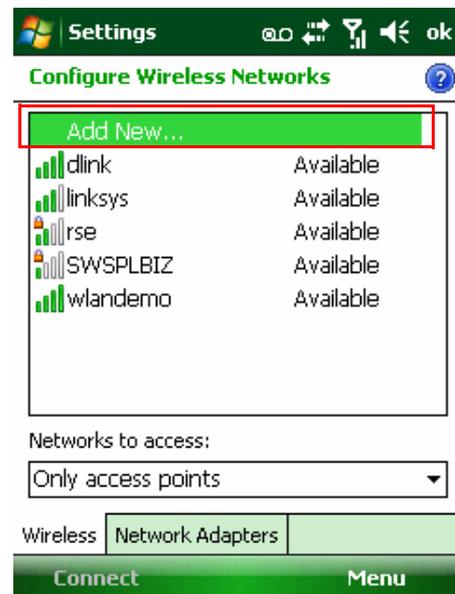
NOTE: Simultaneously press **Func** and **9** to access the **Device Setting** screen.

Under **IO**, select **Wireless** and **Enable**. While the Multiple Networks Detected screen appears, select a network connection.

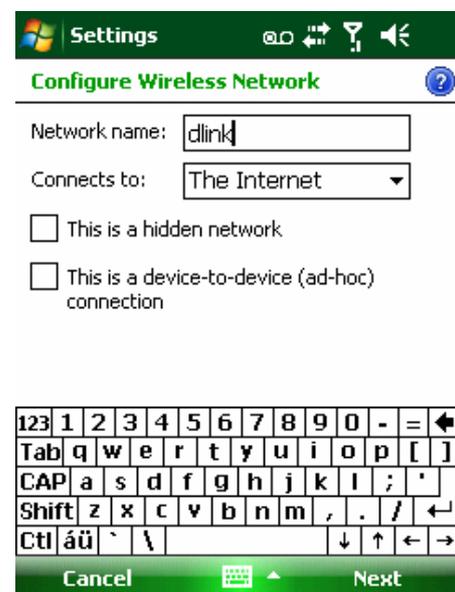


Add a new wireless network through the following:

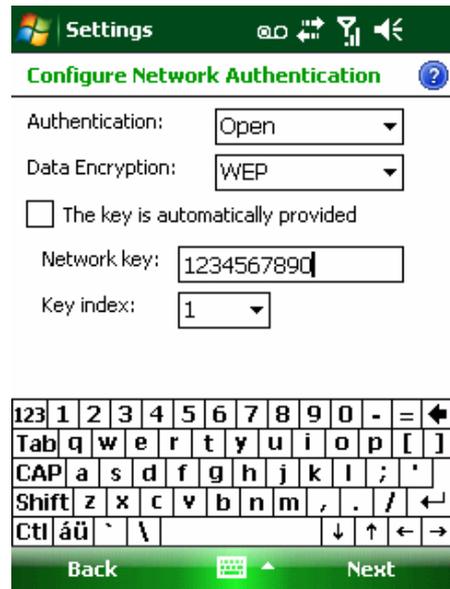
1. Tap **Add New**. The Configure Wireless Network screen appears.



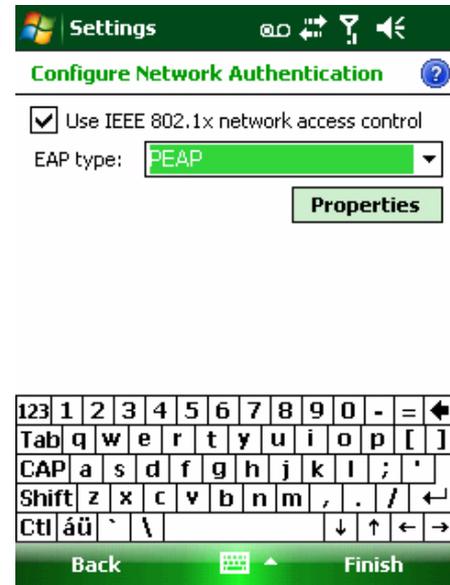
2. Enter a name for the network. Tap **Next**.



3. Enter the network key. Tap **Next**.



4. Tap **Finish**. The Configure Wireless Network screen appears again, and the new wireless network becomes available in the list.



Disable the wireless network through one of the following:

1. Double-tap the Wi-Fi icon and tap **Disable Wireless**.
2. Tap the Wi-Fi bar in the Wireless Manager screen.
3. Simultaneously press **Func** and **9** to access the Device Setting screen. Under the **IO** tab, select **Wireless** and **Disable**.

Synchronizing Information

Every file created on the PA600 is stored in the My Document/PA600 My Document folder (only if the device name is PA600). View files by double-clicking the PA600 My Documents icon on the computer.

The PA600 files are automatically synchronized in the My Documents folder on the computer, but only if the file synchronization is enabled. (Unless a different name is chosen for the PA600.)

Synchronization Options

Synchronization options can modify, including when and what gets synchronized. In the Mobile Device window on the PC, click **Tools** → **Sync Options**.

For every type of information, synchronization can slow down by restricting the amount of synchronized data. To do this, select a service and click **Settings**. After enabling a service, close and reopen Microsoft ActiveSync.

Using ActiveSync to Exchange Files

Use Microsoft ActiveSync to exchange information from the PA600 to the computer and vice versa. Information changes made in one location will not impact information in the other. Synchronize the information to automatically update information on both the PA600 and the computer.

It is possible to copy two types of information to the PA600: Files and Pocket Access Windows CE Store information.

The following procedure only applies to copying files. Refer to the computer's Microsoft ActiveSync Help menu for instructions on how to copy Pocket Access Windows CE Store information.

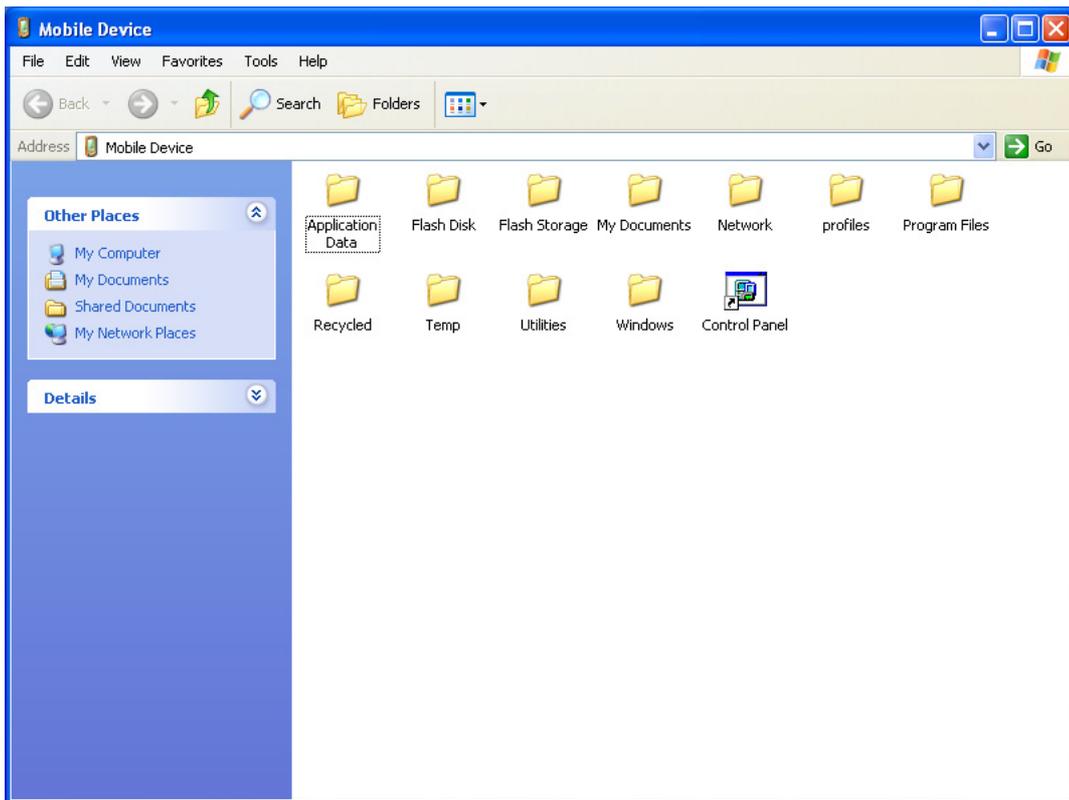
NOTE: Files created on the computer may need to convert via Microsoft ActiveSync, so that they can be viewed and edited on the PA600 and vice versa.

To copy files:

1. Connect the PA600 to a computer.
2. In Microsoft ActiveSync on the computer, click **Explore**.



Windows Explorer opens the PA600's Mobile Device window.



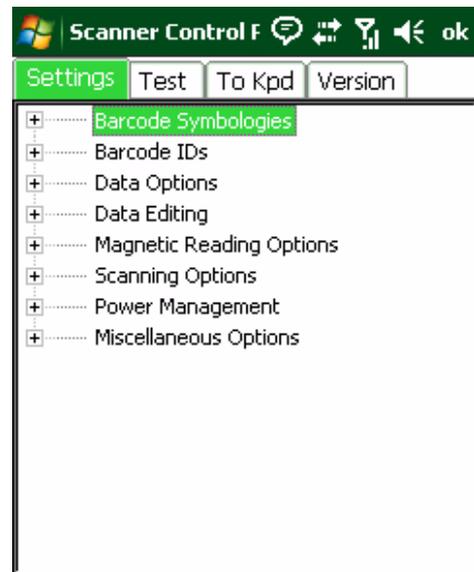
3. Locate the desired file to copy on the PA600 or computer.
4. Do one of the following:
 - To copy the file to the PA600, right-click the file and click **Copy**. Place the cursor in the desired folder for the device, right-click, then click **Paste**.
 - To copy the file to the computer, right-click the file and click **Copy**. Place the cursor in the desired computer folder, right click, then click **Paste**.

Bar Code Scanner Programs

Scanner Setting

When it is necessary for the user to change the default bar code symbology for a different application, the Scanner Control Panel provides the ability to change the default symbology, place delimiter characters behind scanned data and save scanner settings.

Tap **Start** → **Settings** → **System** → **Scanner**.



Scan2Key

User's can populate bar code scan data into any program of choice with the Scan2Key application. Scan2Key routes input from a scanner port to a keypad buffer, making all input from the scanner emulate input from the keypad. Using Scan2Key, scanned data will move from the scanner port to any waiting (active/focused) text editor such as MS Mobile Word or a text box applicaton.

Bar Code Symbolologies

Bar Code Symbology	Enable/Disable	Check Char/Digit verification	Transmit Check Char/digit	Max/Min Length	Transmit Leading Char/digit	Other
Bookland EAN	YES					
Codabar	YES	YES	YES	YES		Transmit Start & Stop Bits, CLSI Format, *Data Length
Code 11	YES		YES	YES		*Check Digits, *Data Length
Code 128	YES			YES		*Data Length
Code 32 (Pharmacy Code)	YES				YES	Transmit Tailing Digit
Code 39	YES	YES	YES	YES		Full ASCII, Transmit Start & Stop Bits, Function Code, *Data Length, Double Labels Decoding, *Double Labels Separator
Code 93	YES			YES		*Data Length
Delta Code	YES	YES	YES			
EAN 128	YES					Transmit Code ID, *Fields Separator
EAN 13	YES		YES		YES	
EAN 8	YES		YES		YES	
Interleaved 2 of 5	YES	YES	YES	YES		*Not Suppress Start or Stop Digit, Fixed Length, *Data Length
Label Code IV & V	YES		YES			
MSI/Plessey	YES		YES	YES		*Check Digital Double Module 10, *Data Length
Standard 2 of 5	YES	YES	YES	YES		Fixed length, *Data Length
Telepen	YES					*Standard Character Set
UPC A	YES		YES		YES	
UPC E	YES		YES		YES	Zero Expansion, NSC
UPC/EAN Group						Supplement 2, Supplement 5, Insert Space Before supplement, Must Have Supplement, *Add-on Code Try Level

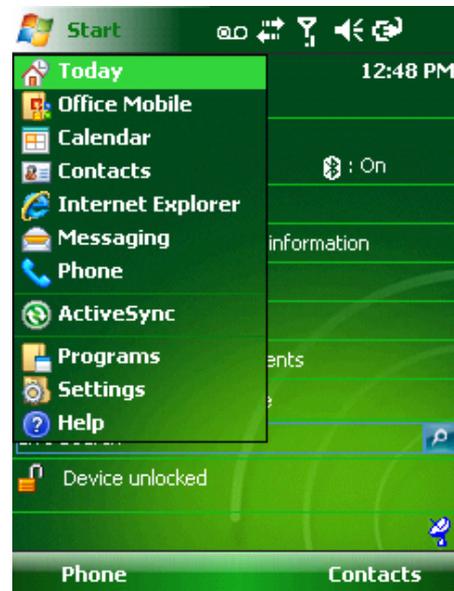
Note: *Value Adjustable Scanner Control Panel V.5.1.

Advanced Settings

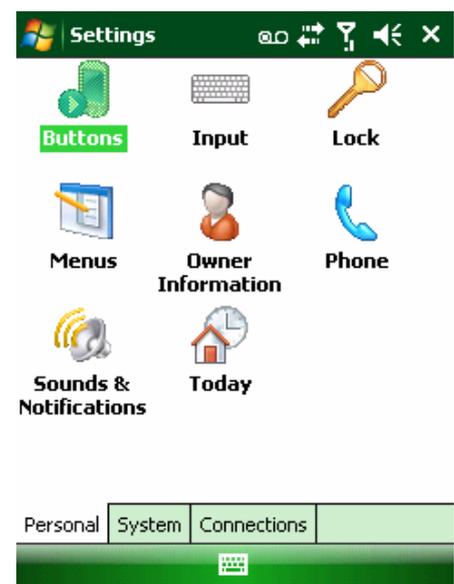
Adjusting Settings

Adjust the PA600 settings to accommodate personal work habits through the following:

To access the Settings screen, tap **Start** → **Settings**.



The Settings screen appears, where users can adjust the backlight, auto power off timer, system volume and processor speed. In addition, assign button functions, configure menus, enter owner information and setup connections.

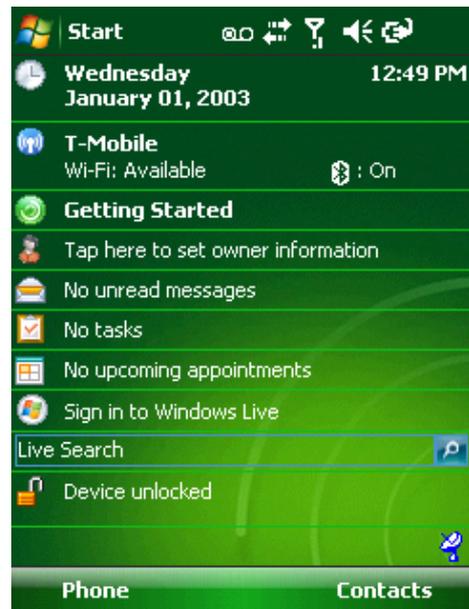


Checking the Main and Backup Battery Status

View the power level for both the main and backup battery through the following:

NOTE: Minimize power consumption by defining the auto-off function and the processor's speed.

1. Access the Power properties screen through either of the following:
 - Tap the Plug or Battery icon to access the Power Properties screen.



- Tap **Start** → **Settings** → **System** → **Power**.



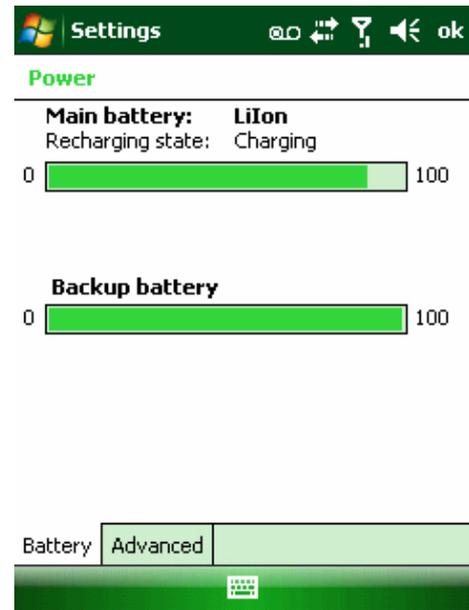
NOTE: Or, simultaneously press **Func** and **8**.

The Power screen appears.

2. The Battery tab displays the Main and Backup battery status.

For example, both batteries are in “good” condition according to the screenshot on the right.

NOTE: Charge the battery when it reaches below 10 percent. If the battery does not accept a charge, contact Unitech Technical Support.



Extending Battery Life

Extend the PA600's battery life through the following:

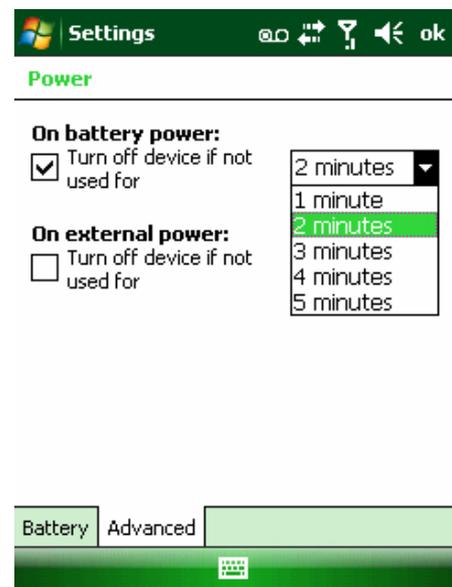
- Change the automatic power settings.
- Minimize backlight use.

Changing the Automatic Power Settings

The PA600 enters idle mode when there is no task, or all tasks are waiting for input. In the default setting, the PA600 automatically turns off when it remains idle for three minutes without an external power source. Pressing the power button returns the PA600 to the same point at the time of automatic shutdown.

Change the automatic power settings through the following:

1. In the Power screen, tap the **Advanced** tab.
2. Select a time period from the drop down menu. The available time periods are 1, 2, 3, 4 and 5 minutes.
3. This function can also activate when the PA600 plugs into the AC Adapter or placed in its Docking Station. Select **On external power**, and choose a time period from the drop down menu. The available time periods are 1, 2, 5, 10, 15 and 30 minutes.

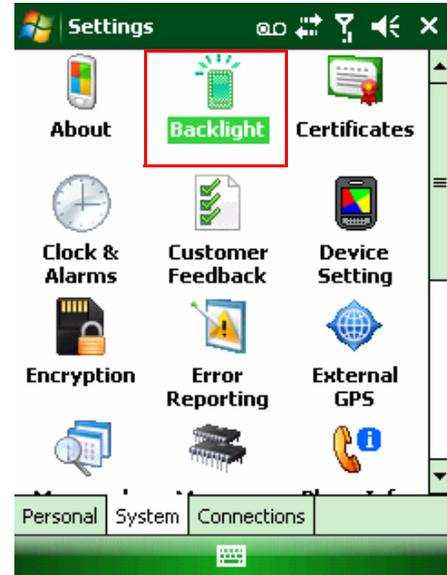


Adjusting Backlight Setting

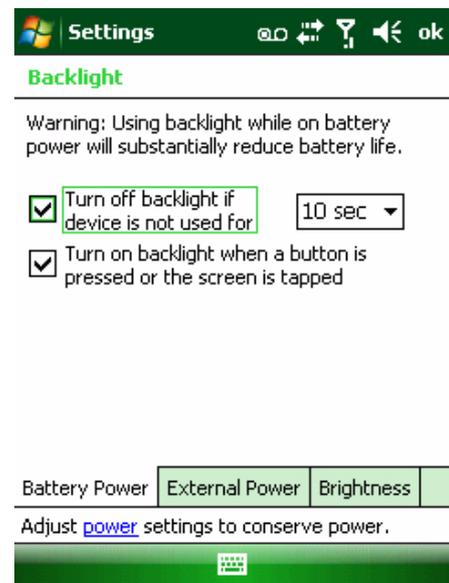
The PA600's LCD backlight consumes a large amount of battery power, only use this function if it is necessary.

Change backlight settings through the following:

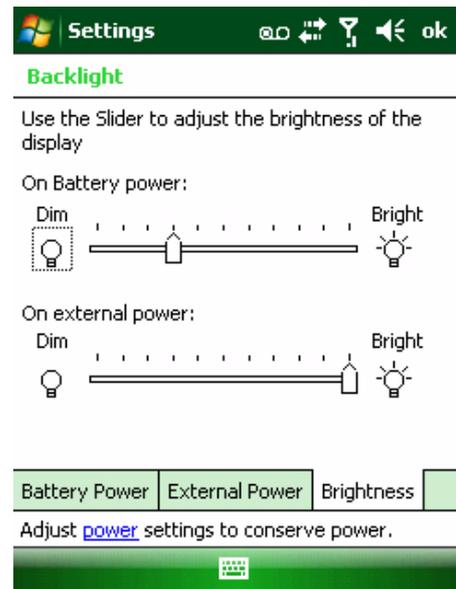
1. Tap **Start** → **Settings** → **System**.
2. Tap **Backlight**.



3. The Backlight screen appears. Do any of the following:
 - In the Battery Power tab, select **Turn off backlight if device is not used for**, and select the amount of time before the PA600 turns off from the drop down menu (while connected to a battery).
 - In the External Power tab, select **Turn off backlight if device is not used for**, and choose the amount of time before the unit turns off the backlight from the drop down menu (while connected to an external power source).
 - Select **Turn on backlight when** to activate the backlight when a button is pressed or the screen is tapped.



- In the **Brightness** tab, tap and drag the slider to adjust a backlight dimmer.



Viewing Flash Memory Files

The Flash Storage folder is a rewritable location for programs or data files. The benefit of this feature is that files and programs saved in Flash Storage are unaffected by the PA600 power status.

To access the Flash Memory files:

1. Tap **Start** → **Programs** → **File Explorer** → **My Device** → **Flash Storage** folder.

Transfer files to the PA600's flash memory through the following:

1. Connect the PA600 to the computer via Microsoft ActiveSync.
2. On the computer's Microsoft ActiveSync, Click **Mobile Device** → **Flash Storage**.
3. Select a file to transfer.
4. Drag the file from the PA600's flash storage folder to the computer's folder, or drag the file from the computer's folder to the PA600's flash storage folder.

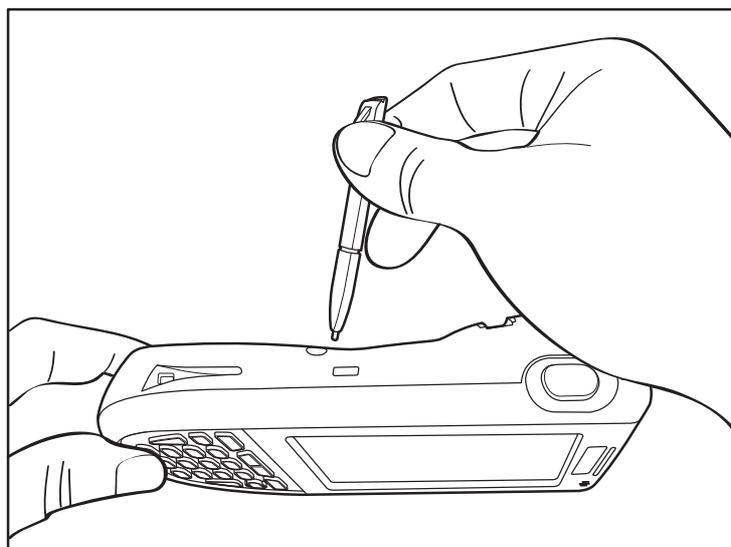
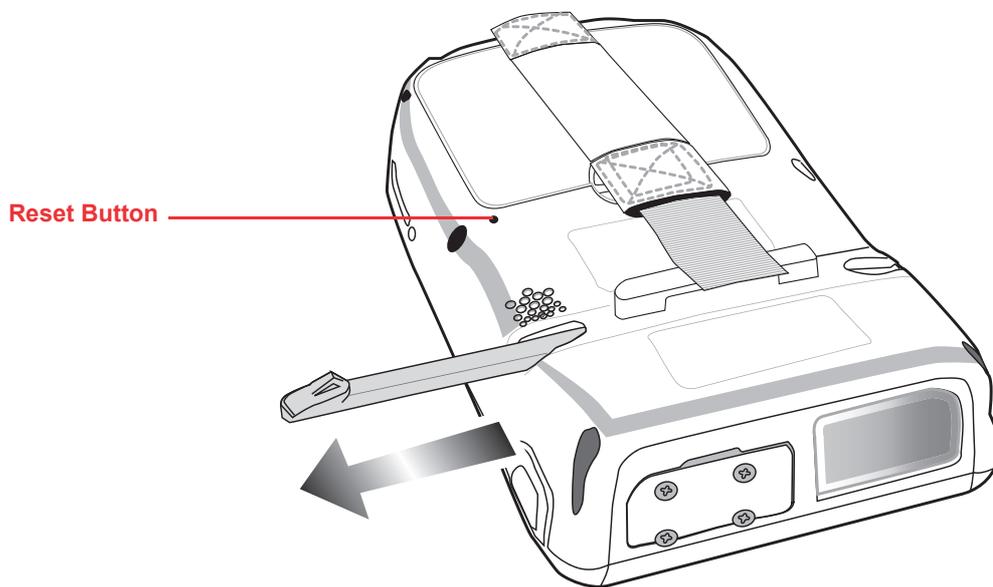
Performing a hardware reset

Perform a reset if the PA600 freezes (i.e., no longer responds).

A soft reset allows the PA600 to get a fresh start, similar to rebooting a computer. This restarts the PA600 and adjusts memory allocation. All records and entries are retained after a soft reset. However, unsaved data in open programs may be lost in some cases.

Performing a Warm Boot

1. Remove the Stylus from its holder.
2. Lightly press the tip of the Stylus into the Reset Button on the PA600's back panel.



Performing a Cold Boot

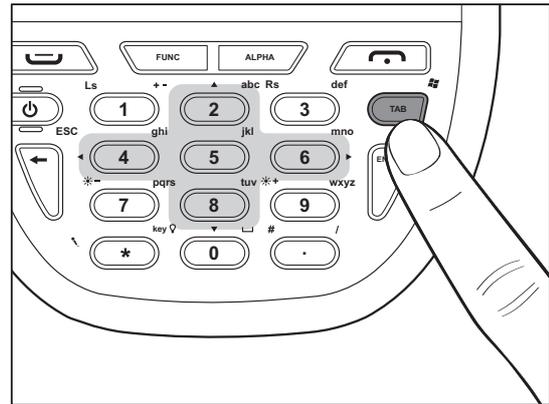
A cold boot cuts off power from the PA600, erasing all records and entries, deleting all added programs, and restoring the PA600 to default factory settings.

Data and time settings are not retained in a cold boot while formats, preferences and other settings restore to their default factory settings. Not even data stored in Flash Storage is retained.

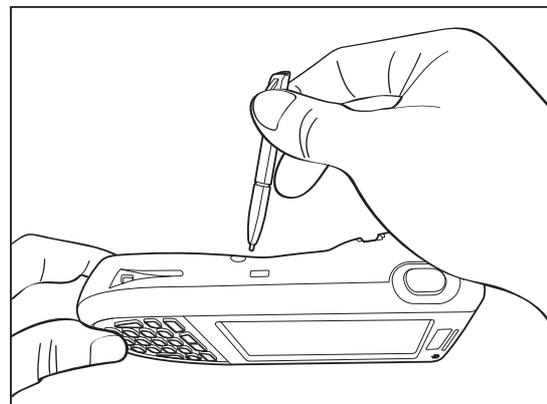
NOTE: Only perform a hard reset unless a soft reset does not correct the problem. Data can restore through the next Microsoft ActiveSync operation, or it can transfer from a storage card.

Perform a cold boot through the following:

1. Press **TAB**.



2. While holding **TAB**, insert the tip of the Stylus into the Reset Button on the PA600's back panel. Press and hold the Reset Button until the Unitech logo appears onscreen. Wait five seconds and then release **TAB**.



NOTE: The system returns to the default settings. All registry settings and all files (including hidden files) return to their original factory defaults.

Performing a Clean Boot

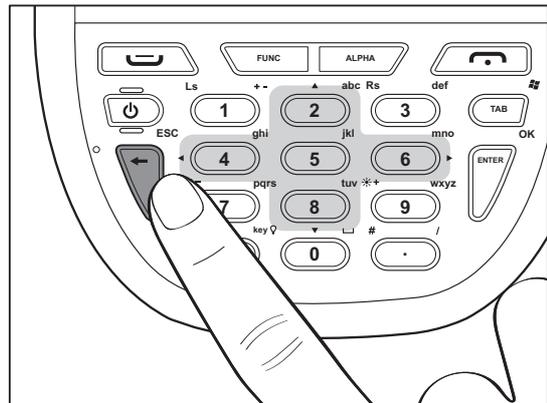
A clean boot, similar to cold boot, cuts off power from the PA600, erasing all records and entries, deleting all added programs, cleaning storage memory and restoring the PA600 to default factory settings.

Data and time settings do not retain during a clean boot, while formats, preferences and other settings restore to their default factory settings. However, data stored in Flash Storage retains.

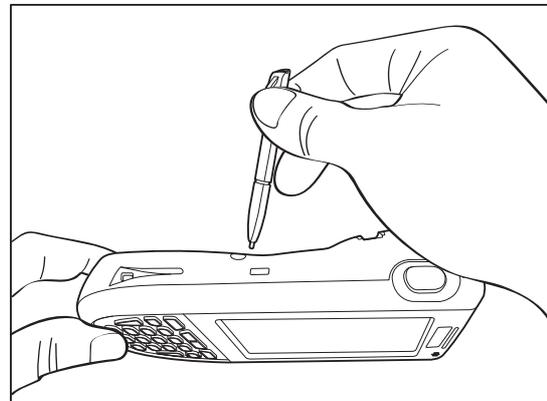
NOTE: Only perform a hard reset if a soft reset does not correct the problem. Data can restore through the next Microsoft ActiveSync operation, or data can retrieve from a storage card.

Perform a clean boot through the following:

1. Simultaneously, press and hold **Func** and **Backspace**.



2. While holding **Func** and **Backspace**, insert the tip of the stylus into the Reset Button on the PA600's back panel. Press and hold the Reset Button until the Unitech Logo appears onscreen. Wait five seconds and then release **Func** and **Backspace**.



NOTE: The system returns to the default settings. All registry settings and all files (including hidden files) return to their original factory defaults. In addition, this cleans up memory storage.

System Specifications

Processor/Memory	CPU	624Mhz Intel PXA270
	Memory	SDRAM: 128 MB Flash ROM: 320 MB
OS	Windows Mobile™ 6.1	
Keypad	20-key Keypad (Including phone keys, alphanumeric keys and function keys)	
Display	240 x 320 Pixel QVGA, Color Transflective TFT, with Touch-screen & Backlight	
Laser Bar Code Scanner	Scan Rate	104 Scans/Sec. ± 12 Scans/Sec. (Bi-directional)
	Scan Angle	47°±3° Default/35°±3° Reduced
Input Device	Keypad Touch-screen Full Alphanumeric Software Keyboard Bar Code Scanner	
Indicator	Led, Vibration	
Communication	USB Host & Client 802.11b/g Bluetooth 2.0 + EDR Bluetooth (Supports Bluetooth Printer, Bluetooth Modem, Bluetooth ActiveSync) eGPRS (Siemens MC75 Radio Module)	
Audio	Microphone Speaker Headset Connector Receiver	
Expansion Slot	SDIO Slot Supports SDHC up to 4G	
Power Source	Main	3.7V 2200mAh Li-ion Battery Pack
	Backup	One Rechargeable Ni-MH Backup battery
Enclosure	Weight	10.2 oz.(290g) with Battery
	Dimension	5.8"L X 1.04"H X 3.3"W (149.5L X 26.6H X 85Wmm)
Environmental	Operating Temperature	14° F - 122° F (-10° C - 50° C)
	Storage Temperature	-4 F - 140° F (-20° C - 60° C)
	Charging Temperature	50° F - 13° F (10° C - 45° C)
	Relative Humidity	5% - 95% (Non-condensing)
	Drop Test to Concrete	4 feet (1.2 meter)
	Environmental Sealing	IP64
Certification	CE, CB, FCC, BSMI, CCC, RoHS Compliance	
Accessories	Battery Cradle Battery Charger Holster 4-Slot Multi-Bay Extended Battery Vehicle Dock	
Software	Microsoft Visual Studio 2005 Microsoft Windows Mobile 5.0 SDK for Pocket PC Unitech PA600 SDK Oracle Database Life Wavelink Avalanche MCL Development Suite	

Appendix**Worldwide Support**

Region	Web site
Global Operation Center	www.unitech-adc.com
Unitech Taiwan	adc-utt.unitech.com.tw
Unitech Asia Pacific & Middle	www.unitech-utp.com.tw
Unitech China	www.ute.com.cn
Unitech Japan	www.unitech-japan.co.jp
Unitech America	www.ute.com
Unitech Latin America	latin.ute.com
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