SYMBOL MC9060 HAND HELD TERMINAL USER MANUAL

CORPORATE VERSION
FEBRUARY 2007

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WELCOME

Welcome to the next generation of hand held computing. Hand held computing has never been so easy and colorful! Please be sure to ready through this manual in its entirety so you can understand how to get your store up and running quickly.

GETTING STARTED

Equipment Setup

1. Unpack all equipment and lay each piece out on the workspace. You will need one electrical outlet for plugging the equipment in.

   It's highly recommended that you save all packaging material and boxes in the event of a failure.

   a. Hooking up the equipment

      i. Attach the power supply cables and plug into an electrical outlet

      ii. Place the spare battery in the charging cradle. Verify that the light is flashing red. The battery usually fully charges in less than four hours. Please refer to the battery section of this manual for more specifics.

GETTING STARTED

Battery Installation

MC9060 Hand Held

2. Before using the **MC9060 hand held**, install a lithium-ion battery by sliding the battery into the unit as shown.

Battery Removal
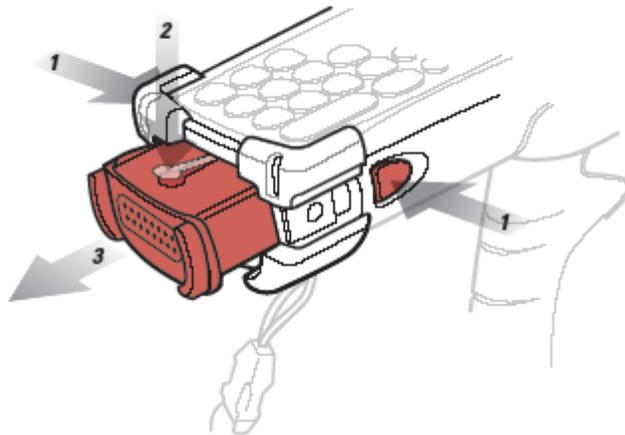
> **Note** Ensure the battery is fully inserted. Two audible clicks can be heard as the battery is fully inserted. A partially inserted battery may result in unintentional data loss.

3. When a battery is fully inserted in either hand held for the first time, the device boots and powers on automatically.

> **Note** The main battery can be charged before or after it is installed. Use one of the spare battery chargers to charge the main battery (out of the hand held), or one of the cradles to charge the main battery installed in the hand held.
>
> See the appendix for detailed battery information.

It's very important that you reference the section "Properly Replacing the Battery" sections on pages 14 and 15. Please take a second to review this information before continuing with the "Getting Started" instructions.

4. When the hand held is powered on for the first time, it initializes its system. The *Symbol* splash screen appears for a short period of time followed by the ***Microsoft® Windows® Powered Pocket PC*** window.

GETTING STARTED

About the Stylus

5. Next, **tap the screen to set up your Pocket PC** using your stylus.
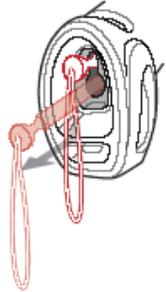
MC9060

Stylus - It's New to You!

Use the hand held stylus for selecting items and entering information. The stylus functions as a mouse. Pull the stylus cord down and outward to remove the stylus.

Tap - Touch the screen once with the stylus to press option buttons and open menu items.

Tap and Hold - Tap and hold the stylus on an item to see a list of actions available for that item. On the pop-up menu that appears, tap the action you want to perform.

Drag - Hold the stylus on the screen and drag across the screen to select text and images. Drag in a list to select multiple items.

 Do NOT use a pen, pencil or other sharp object to tap the screen! Doing so will ruin the unit. *See the Appendix for information on ordering a replacement stylus.*

Aligning the Screen

6. The unit will automatically route to the align screen. Using the stylus, carefully press and briefly hold the tip of stylus on the center of each target that appears on the screen.

   It's important when you first receive your new hand held to calibrate the screen. This will ensure that the cursor on the touch screen aligns properly with the tip of the stylus.

   > **Note** To re-calibrate the screen at anytime for the **MC9060**, press **FUNC (blue button) + Esc** on the mobile computer to launch the calibration screen application.
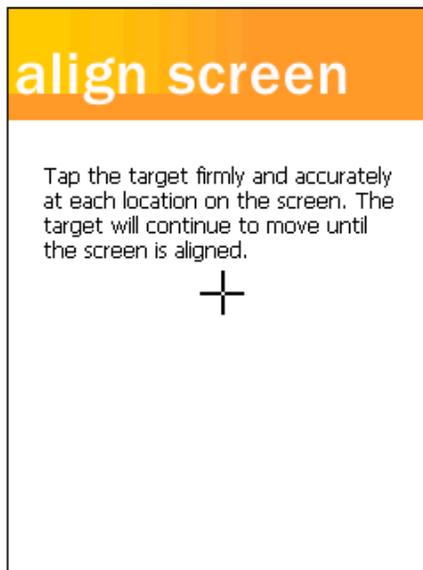
GETTING STARTED

Configure Time Zones and Clock

7. The time zone for your hand held must be designated when you first receive the hand held and after each cold boot.

a. Using your stylus, choose the time zone that you are in from the drop down menu. The default is GMT – 8 Pacific US.

b. Click **Next** when finished.

c. **The system will begin to install various files on the system – please refrain from using the hand held. You will see a window pop up stating "Copying Files". Installation should take approximately 1 – 3 minutes. The Home Screen will appear on the screen when finished.**

d. It's a good habit to verify that the date and time are correct. Click on the **Clock** icon on the Home screen.

e. Go to the **Home** section of the Clock window and verify the date and time.

   If the date and/or time is incorrect:

   i. Using the drop down menu, choose the proper **GMT time zone** for your area (i.e. GMT – 6 Central US).

   ii. Go to the **hour** in the time section and click on it with your stylus (will be highlighted in blue). To change the hour, use the up and down arrow keys to the right of the field OR you can enter the time with using the keypad.

   iii. **Repeat previous step for the minutes, seconds and AM/PM.**

   iv. Go to the **date field**. Click on the drop down menu to bring up the calendar. Use the left or right arrow buttons on the display screen to navigate to the correct month. Choose a date with your stylus.

GETTING STARTED

    f. Click **OK** when finished.

    g. If needed, select **Yes** from the Settings dialog box stating "Save changes to the clock settings?"

    h. Users will then be returned to the Home screen for the Hand Held.

Example of configured Settings screen

OVERVIEW OF HOME SCREEN

Below is a screen shot of your Home screen for the Hand Held. Let's take a moment to review the details and functionality.

Starts the eOrder application.

Users should refer to the eOrder User Manual for details on the application.

Starts the Mobile Retail Manager (MRM) application.

Starts the Calculator program.

Allows hand held users to connect to remote systems for terminal emulation. This is primarily used for DSD Receiving.

Starts the SweepTrax application.

10.170.91.74   100%   9:31a

Calculator   eOrder   MRM

SweepTrax   Symbol Browser   TelnetCE

New Tools

Routes users to the SUPERVALU Retail Handheld Local Menu.

This is currently being using for the EA Tag Subscription application at Shoppers and Sentry.

Users should refer to the Symbol EA Hand Held Quick Cards for the EA Tag Subscription detail.

About displays the AppCenter software version. Central Support may ask you to check the version when trouble-shooting incidents

This is your IP address for the Hand Held.

An IP of 0.0.0.0 indicates that you are not connected to the wireless network.

Displays the time.

10.170.91.70   100%   8:39a

Controls the volume of the speaker and scanner. This section was covered under the topic Getting Started.

Displays the status of the signal strength, address and connection speed.

A "X" (instead of bars) indicates that you are not connected to the wireless network.

This section will be covered in further in the manual.

Displays the battery level.

APPENDIX – OVERVIEW OF HAND HELD

Overview of MC9060 Hand Held

Indicator LED Bar   Touch Screen   Microphone

Keypad

Headphone Jack

Exit Window

Scan Button

Power

Trigger

Strap

Stylus
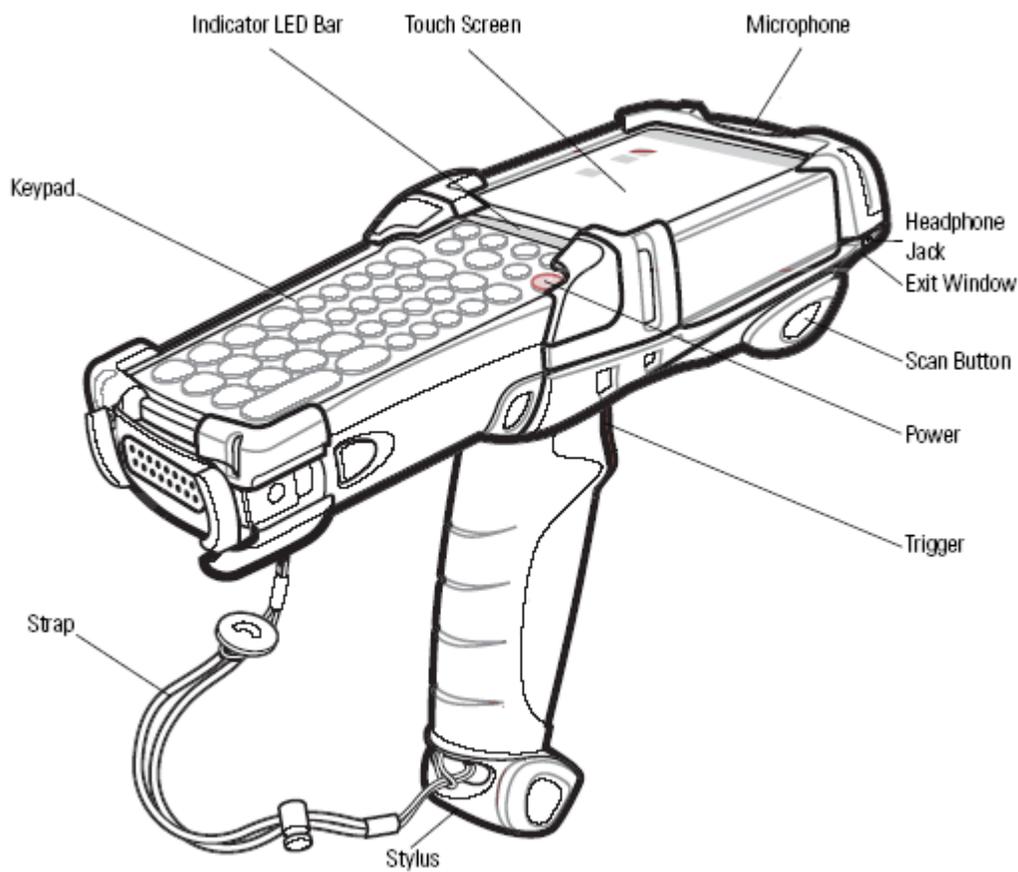
APPENDIX – BATTERY 101 (IMPORTANT INFO)

Charging the Main Battery and Memory Backup Battery

MC9060 Hand Held

Before using the hand held for the first time, charge the main battery until the amber charge indicator light remains lit (refer to **Overview of MC9060 Hand Held** section for location.) Charge time is less than four hours.

LED	Indication
Off	Mobile computer not in cradle/CAM/MSR; mobile computer not placed correctly; charger is not powered.
Fast Blinking Amber	Error in charging; check placement of the mobile computer.
Slow Blinking Amber	Mobile computer is charging.
Solid Amber	Charging complete. Note: When the battery is initially inserted in the mobile computer, the amber LED flashes once if the battery power is low or the battery is not fully inserted.

The hand held is equipped with a memory backup battery, which automatically charges from the fully charged main battery. When the hand held is used for the first time, the backup battery requires approximately 15 hours to fully charge. The backup battery retains data in memory for at least 30 minutes when the mobile computer's main battery is removed.

- When the hand held reaches a very low battery state, the combination of main battery and backup battery retains data in memory for at least 72 hours.

- Do not remove the main battery within the first 15 hours of use.

- If the main battery is removed before the backup battery is fully charged, data may be lost!

Properly Replacing the Battery for MC9060 (**VERY IMPORTANT!**)

Symbol highly suggests that the next steps be followed to avoid mysterious restarts of the MC9060 hand held.

Battery Removal
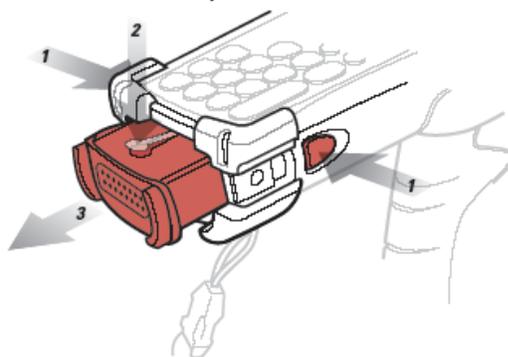
1. Prior to removing the battery, press the red Power button to turn off the screen. This sets the mobile computer to suspend mode.

2. Simultaneously press both primary battery releases. The battery partially ejects from the mobile computer. (Item 1 in above illustration)

3. **Pause 3-4 seconds while the mobile computer performs battery removal shutdown**.

4. Press the secondary battery release, on top of the battery, and slide the battery out of the mobile computer. (Item 2 in above illustration)

5. Slide replacement battery into the mobile computer. Press the red Power button to turn on the screen. (Item 3 in above illustration)

About your MC9060 Four Slot Spare Battery Charger & Charging Batteries

This section describes how to set up and use the **Four Slot Spare Battery Charger** to charge up to four MC9060G spare batteries.
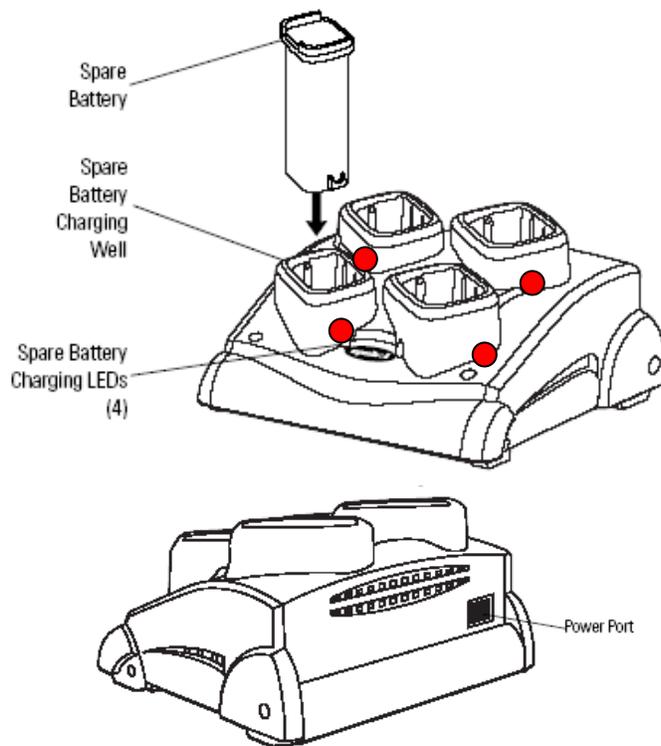
To Charge a MC9060 Spare Battery

1. Ensure the accessory used to charge the spare battery is connected to the appropriate power source.

2. Insert the spare battery into the accessory's spare battery charging slot with the charging contacts facing down (over the charging pins) and gently press down on the battery to ensure proper contact.

3. The battery starts to charge automatically. The amber charge LED on the accessory lights to show the charge status. The battery usually fully charges in less than four hours.

🔴 = LED Indicator Location

Slow Flash = Normal Charge
Solid Amber = Full Charge
Fast Flash = Charging Error
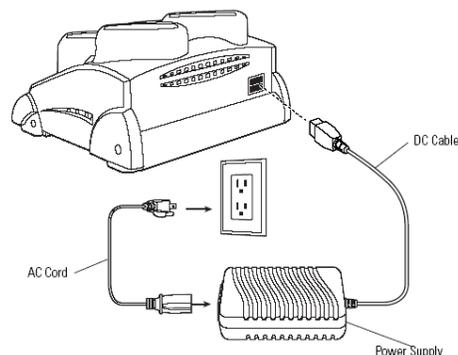
Setup

APPENDIX – BATTERY 101 (IMPORTANT INFO), CONT.

About your MC9060 Single Spare Battery Charger & Charging Batteries

This section describes how to set up and use the Single Slot Serial Charger/USB Cable to charge your MC9060 battery and hand held.

To Charge a MC9060 Spare Battery

1. Ensure the accessory used to charge the spare battery is connected to the appropriate power source.

2. Insert the spare battery into the accessory's spare battery charging slot with the charging contacts facing down (over the charging pins) and gently press down on the battery to ensure proper contact.

3. The battery starts to charge automatically. The amber charge LED on the accessory lights to show the charge status. The battery usually fully charges in less than four hours.

⬤ = LED Indicator Location

Slow Flash = Normal Charge
Solid Amber = Full Charge
Fast Flash = Charging Error

Setup

'05/07
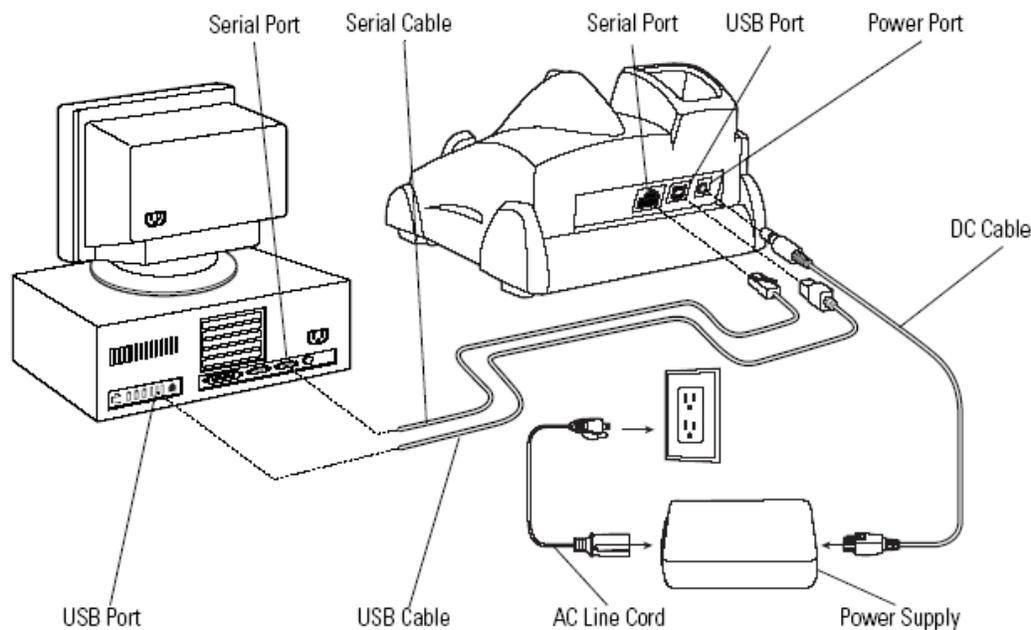
APPENDIX – REBOOTING THE MC9060 HAND HELD

Every so often it may be necessary to reboot your MC9060 hand held.

Performing a Warm Boot on the MC9060

Hold down the Power button for approximately five seconds. As soon as the hand held starts to perform a warm boot release the Power button.

Performing a Cold Boot on the MC9060

A cold boot restarts the hand held and erases all user-stored records and entries that are not saved in flash memory (Application and Platform folders) or a memory card.

Never perform a cold boot unless a warm boot does not solve the problem.

*Do not hold down any key, button or the trigger, other than the **Power** button during a reset. Performing a cold boot restores formats, preferences and other settings to the default settings.*

1. Press the primary battery release on the hand held to partially eject the battery from the hand held.

2. While the battery is partially released, press and hold the **Power** button and push the battery to fully re-insert it in the hand held. One audible click can be heard as the battery is fully inserted.

3. Continue to hold the **Power** button for approximately 15 - 17 seconds.

4. As the unit cycles into a cold boot, }}} appears in the upper left corner of the display window, followed by the message …*Booting System*….

5. Release the **Power** button.

6. As the hand held initializes its system, the Symbol splash window appears for about 30 seconds.

7. Calibrate the screen and set the time zone.

APPENDIX – MC9060 KEYPAD

About your 53-Key Keypad

The 53-key keypad contains a Power button, application keys, scroll keys and function keys. The keypad is color-coded to indicate the alternate function key (blue) values.

Key	Description
Power (red)	Powers the mobile computer on and off.
	Performs a warm boot when held for five seconds and a cold boot when held for 15 seconds.
Green/Red Dot	Unassigned function key. (Button includes a green or red dot.)
Scan (yellow)	Scan key - used for scanning applications, this key has the same function as pulling the trigger.
Scroll Up and Down	Moves up and down from one item to another.
	Increases/decreases specified values.
Scroll Left and Right	Moves left and right from one item to another.
	Increases/decreases specified values.
ESC	Exits the current operation.
Alpha	Use the alpha keys for alphabetic characters.
SPACE/BKSP	Space and backspace functions.
Numeric/Application	Numeric value keys - can have applications assigned with function key(s).
Function (blue)	Press and release the blue function key to activate the keypad alternate functions (shown on the keypad in blue). The keypad LED lights.
Control	Press and release the **CTRL** key to activate the keypad alternate **CTRL** functions. The keypad LED lights.

Key	Description
Shift	Press and release the **SHIFT** key to activate the keypad alternate **SHIFT** functions. Press and release the **SHIFT** key again to return to the normal keypad functions.
Period/Decimal Point	Produces a period for alpha entries and a decimal point for numeric entries.
Star	Produces an asterisk.
Enter	Executes a selected item or function.
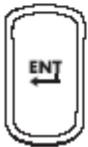
Special Functions

Icon	28-Key Keystrokes	43-Key Keystrokes	53-Key, 3270, 5250, VT Keystrokes	Special Function
	Blue function key and # or Blue function key/ **SHIFT** and #	key	Blue function key and **Z**	Turns on and off the display backlight.
	Blue function key and **0** or Blue function key/ **SHIFT** and **0**	key	Blue function key and **X**	Turns on and off the keypad backlight.
◑+	Blue function key and **1** or Blue function key/ **SHIFT** and **1**	Blue function key and **F1**	Blue function key and **D**	Increases display contrast (on monochrome units only).
◑-	Blue function key and **4** or Blue function key/ **SHIFT** and **4**	Blue function key and **F5**	Blue function key and **I**	Decreases display contrast (on monochrome units only).
+◀))	Blue function key and **3** or Blue function key/ **SHIFT** and **3**	Blue function key and **F4**	Blue function key and **H**	Increases scan decode beeper volume.

SUPPORT

Need Support?

If you experience any issues regarding your hand held, please call Central Support at 1-800-426-8845. Choose option 1 Retail store, choose option 2 SVHarbor, choose 4 for all other requests.

Need Accessories?

Retailers should contact their regional Retail Technology department.