

# Getting Started

BlackBerry Wireless Handheld™

## Upgrading your software

To upgrade your handheld software, contact your service provider.

## For more information

Refer to the following resources:

- *BlackBerry Wireless Handheld User Guide*
- *BlackBerry Desktop Software Online Help*
- *BlackBerry Web Client Online Help*
- [www.blackberry.com/support](http://www.blackberry.com/support)

## Package contents

- handheld
- SIM card
- battery
- USB cable
- travel charger and attachment pieces (optional)
- holster
- BlackBerry® Desktop Software installation CD

## System requirements

- Intel®-compatible 486 or higher computer that is compliant with USB 1.1 or higher
- Available USB port
- Windows® 98, Windows Me, Windows 2000, or Windows XP

**i** **Note:** If you use Windows 98 (not Windows 98 Second Edition), you must download an update from [http://www.microsoft.com/com/dcom/dcom98/dcom1\\_3.asp](http://www.microsoft.com/com/dcom/dcom98/dcom1_3.asp) for the USB drivers to operate as expected.

## Set up your handheld

### 1 INSTALL AND SET UP THE DESKTOP SOFTWARE

Select how your handheld will work with your email account:

- If you integrate your handheld with a business email account to extend a Microsoft Outlook® or Lotus Notes® mailbox that has access to a BlackBerry Enterprise Server or to extend your Microsoft Outlook mailbox using the BlackBerry Desktop Redirector, complete the steps in Section 1a.
- If you integrate your handheld with a new email account or with your existing Internet service provider (ISP) email account using the BlackBerry Web Client, complete the steps in Section 1b.
- If you integrate your handheld with more than one type of email account using the BlackBerry Enterprise Server or BlackBerry Desktop Redirector as well as the BlackBerry Web Client, complete the steps in Section 1a followed by the steps in Section 1b.

### 1a BLACKBERRY ENTERPRISE SERVER AND BLACKBERRY DESKTOP REDIRECTOR

#### 1. Install the BlackBerry Desktop Software

If you use Microsoft Outlook, ask your system administrator whether a BlackBerry Enterprise Server or BlackBerry Desktop Redirector will redirect your email messages.

- a) Insert the BlackBerry Desktop Software installation CD into your CD-ROM drive.
- b) Complete the on-screen instructions.

#### 2. Generate an encryption key

- a) Verify that your handheld is connected to your computer.
- b) On the Windows taskbar, click **Start**.
- c) Select **Programs > BlackBerry > Desktop Manager**. The BlackBerry Desktop Manager window appears. A dialog box appears.
- d) Complete the on-screen instructions.

#### 3. Enable email redirection

- **BlackBerry Enterprise Server:** Email is forwarded to your handheld automatically.
- **BlackBerry Desktop Redirector:** On the Windows taskbar, click **Start**. Select **Programs > BlackBerry > BlackBerry Desktop Redirector**. The BlackBerry Desktop Redirector must be running for email to be forwarded to your handheld.

#### Email program requirements

- Microsoft Outlook® (Workgroup installation), with an email account on a Microsoft® Exchange Server version 5.5 or later
- Lotus Notes® version 4.6 or later, with an email account on a Lotus® Domino™ Server version 4.6 or later

### 1b BLACKBERRY WEB CLIENT

#### 1. Create a BlackBerry Web Client account

- a) To create a BlackBerry Web Client account, contact your service provider.

#### 2. Install the BlackBerry Desktop Software (optional)

- a) Insert the BlackBerry Desktop Software installation CD into your CD-ROM drive.
- b) Complete the on-screen instructions.

#### Browser requirements

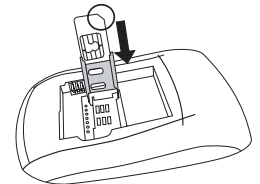
- Netscape® Navigator version 4.08, 4.58, or later (not Netscape Navigator 5.0)
- Microsoft Internet Explorer version 5.01, 5.5, 6.0, or later

### 2 INSERT THE SIM CARD

Your SIM card might be inserted already.

**Warning:** Turn off your handheld before you insert or remove the SIM card. Do not scratch, bend, or expose the SIM card to static electricity or wet conditions.

1. Press the battery cover release button.
2. Slide off the cover.
3. If the battery is inserted, remove it.
4. Slide the SIM card holder away from you.
5. Lift the SIM card holder.
6. Insert the SIM card into the holder so that the notches align.
7. Close the SIM card holder.
8. Slide the SIM card holder toward you to lock it.

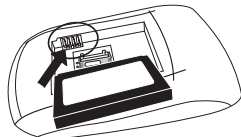


### 3 INSERT THE BATTERY

**Warning:** Use only the battery that Research In Motion specifies for use with your handheld.

1. Press the battery cover release button.
2. Slide off the cover.
3. Insert the battery so that the connectors align.
4. Replace the battery cover. Your handheld turns on, and a dialog box appears.\*
5. Click **OK**.

\*If your handheld does not turn on, or if the date and time are incorrect, refer to "Troubleshooting."

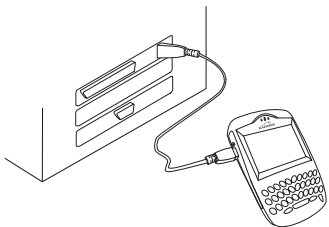


### 4 CHARGE THE BATTERY

1. Connect the smaller end of the USB cable to your handheld.
2. Select one of the following options:

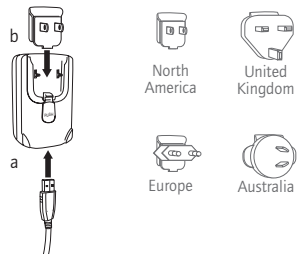
#### Use your computer

- a) Connect the larger end of the USB cable to an available USB port on your computer.



#### Use the travel charger

- a) Connect the larger end of the USB cable to the power adapter.
- b) Slide the appropriate attachment piece into the power adapter.
- c) Plug the power adapter into a power outlet.



3. Let the battery charge to full power (approximately 3 to 4 hours).

**Tip:** To keep the battery at a full charge, recharge it for 10 to 15 minutes a day.

### 5 TURN ON THE RADIO

1. On the Home screen, click the **Turn Wireless On** icon.

**Tip:** To turn off the radio, on the Home screen, click the **Turn Wireless Off** icon.



## Tips

To	Press	To	Press
<b>PHONE</b>		<b>BROWSER</b>	
Open the Phone screen	<b>Phone</b> button	Open the home page	<b>H</b>
End a call from the Active Call screen	<b>Escape</b> button	Open the Browser Bookmarks screen	<b>K</b>
Mute a call from the Active Call screen	<b>Phone</b> button	Add a bookmark	<b>A</b>
Type a phone number extension	<b>Alt</b> key + <b>8</b>	Refresh a web page	<b>R</b>
Dial a letter	<b>Alt</b> key + a letter	Page down	<b>Space</b> key
Move to the top of the Phone screen	<b>Space</b> key	Stop a web page from loading	<b>Escape</b> button
Assign speed dial from the Home screen	hold an unassigned letter key	Move to a specific web page	<b>G</b>

#### MESSAGES

Compose a message from the Messages screen	<b>C</b>
Page up in an open message	<b>Alt</b> key + <b>Enter</b> key
Page down in an open message	<b>Enter</b> key
Reply to sender	<b>R</b>
Reply to all	<b>L</b>
Forward a message	<b>F</b>
Mark a message opened or unopened	<b>Alt</b> key + <b>U</b>
Move to next date	<b>N</b>
Move to previous date	<b>P</b>
Move to next unread message	<b>U</b>
Move to the last cursor position in a received message	<b>G</b>

#### ATTACHMENTS

Select a worksheet	<b>V</b>
Move to next page or worksheet	<b>N</b>
Move to previous page or worksheet	<b>P</b>
Move to a specific cell	<b>G</b>
Display contents of a specific cell	<b>Space</b> key

#### CALENDAR\*

Change to Agenda format	<b>A</b>
Change to Day format	<b>D</b>
Change to Week format	<b>W</b>
Change to Month format	<b>M</b>
Move to the next day, week, month	<b>N</b>
Move to the previous day, week, month	<b>P</b>
Move to the current date	<b>T</b>
Move to a specific date	<b>G</b>

\*The **Enable Quick Entry** field must be set to **No** for these tips to work in Day format.

#### CALCULATOR

Add	<b>I</b>
Subtract	<b>U</b>
Multiply	<b>A</b>
Divide	<b>G</b>
Clear the screen	<b>Y</b>
Display the result	<b>Enter</b> key

## Troubleshooting

Problem	Possible Solution
The handheld is not on.	Press the <b>Power</b> button.
The handheld does not turn on.	Charge the handheld. Reinsert the battery.
The handheld does not charge.	Check all connections.
The date and time are incorrect.	Refer to "Set the date and time" in the <i>BlackBerry Wireless Handheld User Guide</i> .
The handheld is PIN-locked.	Contact your service provider.
Other issues.	Refer to "Troubleshooting" in the <i>BlackBerry Wireless Handheld User Guide</i> .

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# Tips

## BlackBerry Wireless Handheld™

To	Do this
<b>HANDHELD</b>	
Turn on the handheld	Press the <b>Power</b> button
Turn off the handheld	Hold the <b>Power</b> button <i>OR</i> Click the <b>Turn Power Off</b> icon
Turn on/off the radio	Click the <b>Turn Wireless On/Turn Wireless Off</b> icon
Turn on/off backlighting	Press the <b>Power</b> button
Lock the handheld	Click the <b>Lock</b> icon*
Lock the keyboard	Click the <b>Keyboard Lock</b> icon
Unlock the keyboard	Double-click the trackwheel

\*The Lock icon appears when a password is set.

### NAVIGATING

Move the cursor	Roll the trackwheel <i>OR</i> Press the <b>Alt</b> key + roll the trackwheel
Click an item	Highlight the item > Click the trackwheel
Return to the previous screen	Press the <b>Escape</b> button
Move backward/forward	Press the <b>Back/Forward</b> key
Select multiple items	Hold the <b>Shift</b> key + roll the trackwheel
Move to the top of a screen	Press <b>T</b>
Move to the bottom of a screen	Press <b>B</b>
Move to an item in a list or menu	Press the first letter of the item
Page up or down in a list	Press the <b>Alt</b> key + roll the trackwheel

### TYPING TEXT

Capitalize a letter	Hold the letter
Insert a period	Press the <b>Space</b> key twice
Type the alternate character on a key	Press the <b>Alt</b> key + the key
Insert a special character	Hold a letter + roll the trackwheel
Insert a symbol	Press the <b>Symbol</b> key > Click a symbol
Enter CAP-lock mode	Press the <b>Alt</b> key + the <b>Right Shift</b> key
Enter NUM-lock mode	Hold the <b>Right Shift</b> key + press the <b>Alt</b> key
Exit NUM-lock or CAP-lock mode	Press the <b>Right Shift</b> key

### EDITING TEXT

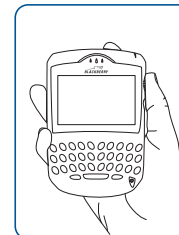
Enter selection mode	Press the <b>Alt</b> key + click the trackwheel
Select text	Enter selection mode > Roll the trackwheel
Select one character	Enter selection mode > Hold the <b>Shift</b> key + roll the trackwheel
Copy selected text	Press the <b>Alt</b> key + click the trackwheel <i>OR</i> Click the trackwheel > Click <b>Copy</b>
Paste selected text	Press the <b>Shift</b> key + click the trackwheel <i>OR</i> Click the trackwheel > Click <b>Paste</b>
Cut selected text	Press the <b>Shift</b> key + the <b>Backspace</b> key <i>OR</i> Click the trackwheel > Click <b>Cut</b>

### MISCELLANEOUS

Search for text	Click the trackwheel > Click <b>Find</b> > Type text
Clear a field	Click the trackwheel > Click <b>Clear Field</b>
Move an icon on the Home screen	Press the <b>Alt</b> key > Click the trackwheel > Click <b>Move Icon</b> > Roll the trackwheel > Click the trackwheel

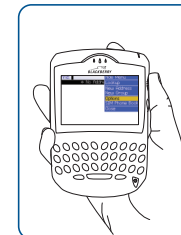
# Quick Reference

## BlackBerry Wireless Handheld™



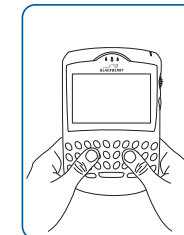
#### Move the cursor

Roll the trackwheel.



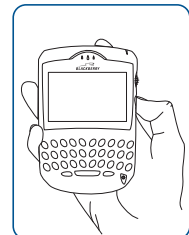
#### Click an item

Roll the trackwheel to highlight an item. Click (press) the trackwheel.



#### Type text

Hold the handheld with both hands and press the keys.

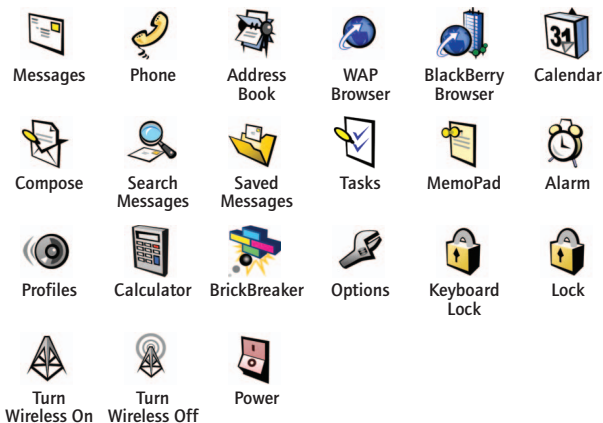


#### Return to previous screen

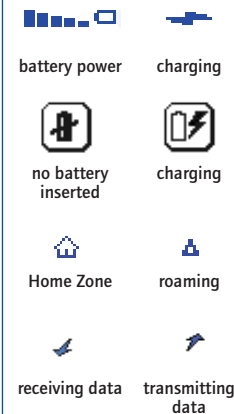
Press the **Escape** button.

\*Your handheld might vary from the depictions on this card.

## HOME SCREEN ICONS



## STATUS INDICATORS



## NETWORK STATUS INDICATORS

	GPRS	gprs	GSM	SOS		
Wireless coverage	•	•	•	•	•	•
Emergency calls	•	•	•	•	•	•
SMS messages	•	•	•	•	•	•
Phone	•	•	•	•	•	•
Email and PIN messages	•	•	•	•	•	•
Browser	•	•	•	•	•	•

## OPEN AN APPLICATION

1. On the Home screen, click an icon. The application opens.

## MAKE A PHONE CALL

1. On the Home screen, type a phone number.
2. Press the **Enter** key.
3. To end the call, press and hold the **Escape** button.

## TURN ON/OFF BACKLIGHTING

1. Press the **Power** button.

## SEND AN EMAIL MESSAGE

1. On the Home screen, click the **Compose** icon. The To screen appears.
2. Click [**Use Once**]. A menu appears.
3. Click **Email**. The One Time Email screen appears.
4. In the **Email** field, type an email address.
5. Click the trackwheel. A menu appears.
6. Click **Continue**.
7. In the **Subject** field, type a subject.
8. Press the **Enter** key.
9. Type a message.
10. Click the trackwheel. A menu appears.
11. Click **Send**. The message is sent.

## Product information

### MECHANICAL PROPERTIES

Weight:	Approximately 140 g (4.9 oz.) including battery
Size (L x W x H):	113 x 74 x 21 mm (4.4 x 2.9 x 0.94 in.)
Memory:	16-MB flash memory, 2-MB SRAM

### DISPLAY AND NOTIFICATION FEATURES

Display:	High resolution 240 x 160 pixel screen, 65,000 color TFT display, backlit screen and keyboard
Notification:	LED indicator, audible notification, mechanical vibrator

### POWER

Battery:	Removable, rechargeable lithium ion cell
SIM interface:	Supports 3V SIM cards
Port:	Combined data synchronization and USB-compatible charging port
Travel power adapter:	+5V DC/500 mA AC power adapter, with interchangeable location-specific plugs

### RECOMMENDED OPERATING AND STORAGE TEMPERATURES

Handheld operating:	0 to 50°C (32 to 122°F)	Travel charger operating:	0 to 45°C (32 to 113°F)
Handheld storage:	10 to 30°C (50 to 86°F)	Travel charger storage:	-30 to 75°C (-22 to 167°F)

### RADIO SPECIFICATIONS FOR THE BLACKBERRY 7210 WIRELESS HANDHELD™

World-band support:	GSM/EGSM 900, PCS 1900 MHz
Power class:	Class 1 (PCS 1900), Class 4 (GSM 900) as defined in GSM 02.06
Transmitting frequency:	PCS 1850-1910 MHz, GSM 890-915 MHz, Extended GSM 880-915 MHz
Receiving frequency:	PCS 1930-1990 MHz, GSM 935-960 MHz, Extended GSM 925-935 MHz

### RADIO SPECIFICATIONS FOR THE BLACKBERRY 7230 WIRELESS HANDHELD™

Tri-band support:	GSM/EGSM 900, DCS 1800, PCS 1900 MHz
Power class:	Class 1 (DCS 1800, PCS 1900), Class 4 (GSM 900) as defined in GSM 02.06
Transmitting frequency:	GSM 880-915 MHz, DCS 1710-1785 MHz, PCS 1850-1910 MHz
Receiving frequency:	GSM 925-960 MHz, DCS 1805-1880 MHz, PCS 1930-1990 MHz

### RADIO SPECIFICATIONS FOR THE BLACKBERRY 7280 WIRELESS HANDHELD™

Tri-band support:	GSM/EGSM 850, DCS 1800, PCS 1900 MHz
Power class:	Class 1 (DCS 1800, PCS 1900), Class 4 (GSM 850) as defined in GSM 02.06
Transmitting frequency:	GSM 824-850 MHz, DCS 1710-1785 MHz, PCS 1850-1910 MHz
Receiving frequency:	GSM 869-894 MHz, DCS 1805-1880 MHz, PCS 1930-1990 MHz

### REGULATORY CONFORMANCE

PCS Type Certification Review Board (PTCRB)  
 Federal Communications Commission (FCC)  
 Industry Canada (IC)  
 Underwriters Laboratories UL60950 requirements for Canada and US  
 Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC  
 Global Certification Forum Certification Criteria (GCF-CC) requirements  
 Specific details about conformance to the above standards and regulatory bodies may be obtained from Research In Motion.



**Note:** Your handheld might be subject to export controls or roaming restrictions. Review your BlackBerry End-User/Software License Agreement and contact your service provider for more information.

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