

User's Guide

for QCP™ 860,
QCP™ 1960, and
QCP™ 2760 Phones



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DCN 80-B6337-1, Rev. X1

User's Guide for QCP™ 860, QCP™ 1960, and QCP™ 2760 Phones

This manual is based on the production versions of the QCP 860, QCP 1960, and QCP 2760 telephones. Software changes may have occurred after this printing. QUALCOMM reserves the right to make changes in technical and product specifications without prior notice. The products and equipment described in this documentation are manufactured under one or more of the following U.S. patents.

4,901,307	5,056,109	5,099,204	5,101,501
5,103,459	5,107,225	5,109,390	5,193,094
5,228,054	5,257,283	5,265,119	5,267,261
5,267,262	5,280,472	5,283,536	5,289,527
5,307,405	5,309,474	5,337,338	5,339,046
5,341,456	5,383,219	5,392,287	5,396,516
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5,490,165	5,497,395	5,499,280	5,504,773
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5,511,073	5,513,176	5,515,177	5,517,323
5,519,761	5,528,593	5,530,928	5,533,011
5,535,239	5,539,531	5,544,196	5,544,223
5,546,459	5,548,812	5,559,881	5,559,865
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5,590,069	5,590,406	5,590,408	5,592,548
5,594,718	5,596,570	5,600,754	5,602,834
5,602,833	5,603,096	5,604,459	5,604,730
5,608,722	5,614,806	5,617,060	5,621,752
5,621,784	5,621,853	5,625,876	5,627,857
5,629,955	5,629,975	5,638,412	5,640,414
5,642,398	5,644,591	5,644,596	5,646,991
5,652,814	5,654,979	5,655,220	5,657,420
5,659,569	5,663,807	5,666,122	5,673,259
5,675,581	5,675,644	5,680,395	5,687,229
D386,186	5,689,557	5,691,974	5,692,006
5,696,468	5,697,055	5,703,902	5,704,001

5,708,448	5,710,521	5,710,758	5,710,768
5,710,784	5,715,236	5,715,526	5,722,044
5,722,053	5,722,061	5,722,063	5,724,385
5,727,123	5,729,540	5,732,134	5,732,341
5,734,716	5,737,687	5,737,708	5,742,734
D393,856	5,748,104	5,751,725	5,751,761
5,751,901	5,754,533	5,754,542	5,754,733
5,757,767	5,757,858	5,758,266	5,761,204
5,764,687	5,774,496	5,777,990	5,778,024
5,778,338	5,781,543	5,781,856	5,781,867
5,784,406	5,784,532	5,790,589	5,790,632
5,793,338	D397,110	5,799,005	5,799,254
5,802,105	5,805,648	5,805,843	5,812,036
5,812,094	5,812,097	5,812,538	5,812,607
5,812,651	5,812,938	5,818,871	5,822,318
5,825,253	5,828,348	5,828,661	5,835,065
5,835,847	5,839,052	5,841,806	5,842,124
5,844,784	5,844,885	5,844,899	5,844,985
5,848,063	5,848,099	5,850,612	5,852,421
5,854,565	5,854,786	5,857,147	5,859,612
5,859,838	5,859,840	5,861,844	5,862,471
5,862,474	5,864,760	5,864,763	5,867,527
5,867,763	5,870,427	5,870,431	5,870,674
5,872,481	5,872,774	5,872,775	5,872,823
5,877,942	5,878,036	5,870,631	5,881,053
5,881,368	5,884,157	5,884,193	5,884,196

Other patents pending.

FCC/IC Notice

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



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Quick Start

To turn on your phone

- Press  for about a second, until the  icon appears. *The phone enters standby mode (its idle state).*



To unlock your phone

- If your phone is locked, press the  key under [UNLOCK] and enter your lock code. *The default lock code is usually either 0000 or the last four digits of your phone number.*





To charge your battery

- Plug the AC Adaptor or Global Travel Charger into the phone and into a wall outlet.

To make a call

1. Turn on the phone.
2. Dial the number on the keypad, then press  or .


To answer a call

- When the phone rings, press  or  to answer. In standby mode, press any key except , , or the volume keys.



To end a call

- Press .

To save a number in the phone book

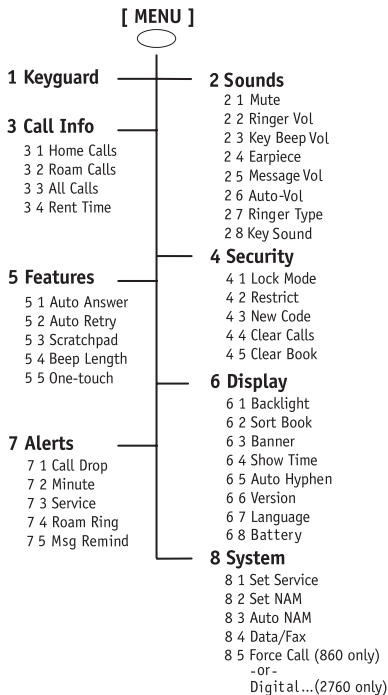
1. Enter the number you want to save.
2. Press the  key under [SAVE] and follow the directions on screen.

To speed dial a phone number






1. Enter a memory location from the phone book.
2. Press  or .

To redial the last number called

- Press  or .



Quick menu reference



- Press the  key under [MENU] to enter the menu structure.
- Press  or  to scroll up or down through the menus.
- Enter the menu and menu item number (such as **6 3** for Display > Banner) to open a menu item.
- Press  to return to the previous menu level without saving changes.
- Press  to exit the menus.

Getting to Know Your Phone

Safe operating instructions

Read these cautions before you use the phone.

If you have a pacemaker, keep the phone at least six inches (15 centimeters) away from your chest. If your phone is too close to a pacemaker, its radio frequency (RF) energy may interfere with the pacemaker. If you have any reason to suspect a problem, turn off your phone immediately. See page 46 for more information.

If you carry your phone in a pocket or purse, activate the keyguard to prevent accidental key presses. Press the  key under [MENU], then press . See page 8 for details.

Only use QUALCOMM-approved accessories with QUALCOMM phones. Use of any unauthorized accessories

may be dangerous and will invalidate the phone warranty if the accessories cause damage to the phone.

Customer Support

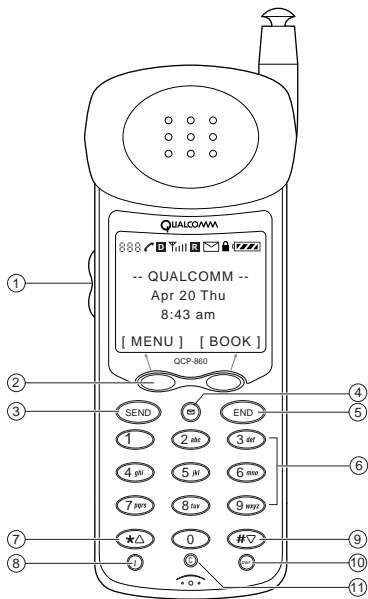
For questions about your phone, first contact your service provider's customer support department.






For QUALCOMM Technical Support, call 1-800-349-4478 (toll-free, U.S.A. only) or 858-651-4028.

Visit the QUALCOMM Web site at <http://www.qualcomm.com> for information about all our phones.







For standards and safety information, visit the Cellular Telecommunications Industry Association (CTIA) Web site at <http://www.wow-com.com> or call 888-901-SAFE (toll-free, U.S.A. only).

Keys on your phone



- 1  Press the **Volume** keys to adjust the ringer and earpiece volume. You also use these keys to move the cursor when you are editing numbers or scrolling through menus.
- 2  **Smart Keys™** change function based on the screen you are using. The word above each key identifies its current function. In standby mode, the Smart Keys are [MENU] and [BOOK].
- 3  The key you press to make a connection may be labeled **Send** or **Talk**. Press this key to start a call, answer a call, or redial the last dialed number.
- 4  Press the **envelope** to open text messages, pages, and voice mail notifications.
- 5  Press **End** to end a call or to silence the ringer during an

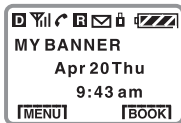
incoming call. Press this key at any time to exit the current screen and return to standby mode.




- ⑥  Use the **keypad** to enter digits, letters, and punctuation marks, or to select menu options.
- ⑦  Press **Scroll Up** to scroll through menus and screens. When editing text, press it to move the cursor to the left.
- ⑧  Press **Information** to see your phone number.
- ⑨  Press **Scroll Down** to scroll through menus and screens. When editing text, press it to move the cursor to the right.
- ⑩  Press and hold **Power** to turn the phone on or off.
- ⑪  Press **Clear** once to erase the last character. Press and hold it to erase an entire line. In menus,

press this key to return to the previous menu level.

Icons on the screen

Your phone has a five-line screen. On the top line, the following icons appear:



-  **Digital Mode** means the phone is operating in CDMA digital mode.
-  **Signal Strength** shows current signal strength. The more lines you see, the stronger the signal. When this icon appears, you can make and receive calls.
-  **No Signal** means the phone is not receiving a signal from the system. You cannot make or receive calls. Wait a little longer or move to an open area.



On Call means a call is in progress.




Roaming means the phone is outside of its home area.



Envelope indicates a text message, voice mail, or a page.




Padlock indicates your phone is operating with enhanced CDMA voice privacy (if available from your service provider). When this icon appears over the left  key, keyguard is on.





Battery Charge shows how much power remains in the battery. The more black bars you see, the greater the charge. You can check the charge levels in all the batteries with the Battery menu item (6 8). For more information, see page 10.

Using Smart Keys

Smart Keys  are the two unlabeled keys beneath the screen. (See the diagram on page 5.) Smart Keys change function depending on the situation. The word above each Smart Key identifies its current function. In standby mode, the Smart Keys are [MENU] and [BOOK]. Once you press either key, other words may appear.

Turning the phone on and off

To turn the phone on

1. Fully extend the antenna.
2. Hold down  for about a second. “Searching...” means the phone is searching for a signal. When the phone locates a signal, the  icon appears. See page 6 for information on all the screen icons.

Once your phone is on, it enters standby mode (the phone’s idle state).


To turn the phone off



- ▶ Hold down  until “Powering off” appears on the screen.

About standby mode


When you turn on the phone and it finds a signal, the phone goes into standby mode.

From standby mode, you can dial a phone number, save it in the phone book, or find it in the phone book if it is already there.



Press  at any time to return to standby mode.

Important—If you press  while you are on a call, you end the call. To put the phone in standby mode without ending the call, press  several times (or hold it down).

Viewing your phone number




- ▶ From standby mode, press . *Your phone number appears.*


Using keyguard

Keyguard protects your phone against accidental key presses when the phone is turned on. You can answer calls by pressing  or  whether keyguard is turned on or not.

To turn keyguard on

Turn keyguard on in one of these ways:

- ▶ Press and hold the  key under [MENU] for a few seconds.
- or -
- ▶ Press the  key under [MENU], then press .

The  soft key appears.


To turn keyguard off

1. Press the  key under .
2. Press .


Locking the phone

You can lock your phone using your four-digit lock code. When the phone is locked, you can only call emergency numbers or receive incoming calls.

To lock the phone

1. Press the  key under [MENU].
2. Choose Security.
3. Enter your four-digit lock code.
4. Choose LOCK mode.
5. Select from the following settings:
on power up, now (resets to never when you unlock), and never.




To unlock the phone

- To unlock the phone, press the  key under [UNLOCK] and enter your lock code.

Setting the banner

The banner is a 12-character display that appears on the screen during power up and standby.

To change the banner

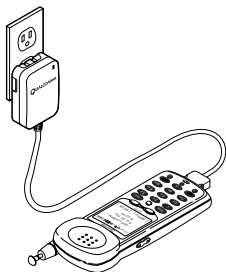
1. Press the  key under [MENU].
2. Select Display.
3. Select Banner.
4. (Optional) If you have an existing banner, press the  key under [EDIT].
5. Enter the characters you want to appear in the banner (for example, your name). Enter characters the same way you do for the phone book. (See “Saving a name with a number” on page 18.)
6. Press the  key under [OK] to save the banner.

Charging the batteries


Your phone comes with a rechargeable internal lithium ion (LiIon) battery, which you do not need to remove to charge.

This LiIon battery is partially charged when you receive the phone. Fully charge the battery as soon as you can to maximize talk time. If the charge falls too low, the phone turns off without saving any functions in progress.

Your phone may come with either an AC Adaptor or a Global Travel Charger (like the example shown here).



Plug the charger into the phone and into a wall outlet to charge the battery.

While the battery is charging, the  icon is animated.

If you have attached an external battery to the phone, the AC Adaptor or Global Travel Charger recharges the internal battery first (to a level of 90%), then recharges the external battery (to 90%). The charger then tops off the internal battery and external battery to 100%.

The animation of the battery icon stops when all batteries are 100% charged. However, it is not necessary to wait until all batteries reach 100% before using your phone.

Note—While you are using an AC Adaptor, the phone will not make analog calls. You can check the charge levels in all the batteries with the Battery menu item (6 8).

Adding an external battery

You can purchase an external battery that snaps onto the back of the phone to

extend the talk and standby times. (See “Accessories” on page 12.)

To attach an external battery

1. Insert the two teeth on the battery into the corresponding holes on the back of the phone.
2. Move the top of the battery towards the phone until it latches into place.

To remove an external battery

1. Push the button on the top of the battery cartridge to disengage the battery.
2. Pull the battery away from the phone.

Caution—It is illegal in some areas to dispose of LiIon batteries in household or business trash. Contact your nearest QUALCOMM Service Center for safe disposal options. Do not handle a damaged or leaking LiIon battery.

Battery power levels

The phone uses all the power in the external battery before it uses the internal battery.

The battery icon tracks only one battery at a time. It reflects the charge level of an attached external battery as long as that battery has a charge. Otherwise, it tracks the internal battery level.

The more black bars there are in the icon, the greater the battery’s charge.



Fully charged




Partially charged




Empty

When your battery is very low, the icon on your screen blinks, the phone beeps, and a message alerts you to the low battery level.

Press the  key under [OK] to acknowledge the message.

Tip—To reduce drain on your battery, set the backlight to “always off.” (See “Display” on page 31.) For more tips about battery performance, see page 44.

Hot swapping

If the *external* battery runs out of power during a call, the internal battery takes over automatically so you do not lose the call. This process is called **hot swapping**. A low battery message appears. Press the  key under [OK]. The battery icon then displays the status of the internal battery.

If the *internal* battery power falls low during a call, just snap on an external battery. The phone starts drawing from the external battery without dropping the call. The battery icon displays the charge level of the external battery.

Note—The external battery does not charge the internal battery.

Accessories

Accessories for your QUALCOMM phone may include a Hands-free Car Kit, Hands-free Headset, leather case, desktop charger, external battery, and more.

To find out what QUALCOMM accessories are available for your phone, visit the place where you bought your phone or an authorized QUALCOMM service center. You can also call 800-349-4188 (toll-free, U.S.A. only) or visit our Web site at

<http://www.qualcomm.com>

or

<http://store.qualcomm.com>

Making and Receiving Calls

Your phone must be turned on before you can use it. (See “Turning the phone on and off” on page 7.) When the phone is off, incoming calls go to voice mail if available. (See page 25.)

To make a call

1. Press the numbers on the keypad to dial a number.
2. Press **SEND** or **TALK**.

To answer a call

- Press any key except **END**, **PWR**, or the volume keys.

To end a call

- Press **END** to end a call.

Redialing calls

Your phone keeps a recent history list of the last ten (860 and 1960) or 30 (2760) incoming and outgoing calls.

To redial the last number you dialed

- When your phone is in standby mode, press **SEND** or **TALK** until “CALLING...” appears.

Tip—If you are not sure what mode your phone is in, press **END** to return to standby mode.

To redial from the recent history list

1. Press the **VIEW** key under [BOOK].
2. Press the **CALLS** key under [CALLS].
The recent history list appears.
3. Press **#▼** or ***▲** to scroll through the list.
4. Press **SEND** or **TALK** to dial the number.

-or-

Press the **VIEW** key under [VIEW] to see more information about the call. (See “Phone Book” on page 17.)

Types of calls in the list

The recent history list contains the following types of calls:

Called By—Incoming calls (if caller ID service is available).

Call To—Any phone numbers you dialed.

Missed—Unanswered incoming calls (if caller ID service is available). This call type does not include call attempts made when the phone was off.



Call Waiting—Incoming calls that occurred while you were on another call (if call waiting service is available).

Three-Way Calling—A call in which three parties participate (if three-way calling is available).

Added—Any phone numbers you added during a call using the scratchpad feature. (See page 31.)

Duplicate calls appear once on the list. Calls are considered duplicates only if they have the same number *and* the same call type, such as Called By.

To edit the recent history list

1. To edit a phone number in this list, press any digit to begin.
2. Press the volume keys to move the cursor.
3. Enter new numbers or press  to delete existing numbers. (See page 18 for details on entering text.)
4. Press the  key under [SAVE].

Service provider features

Your service provider may offer extra features like caller ID, three-way calling, call forwarding, and call waiting. Your QUALCOMM phone supports all of these options *if* they are activated on your phone. Contact your service provider for details.







Caller ID

Caller ID displays the phone number of the person calling you. If that number has been saved in your phone book, the caller's name also appears.

Three-way calling




Three-way calling allows three parties to participate in the same phone conversation.

To set up a three-way call

1. Dial the first party.
2. Depending on your service provider, you may need to press  or  to put the first party on hold.
3. Dial the second number and press  or .
4. When the second party answers, press  or  again.
If one of the other two parties hangs up, you and the remaining party stay



connected. If you hang up, all three parties are disconnected.

Call forwarding

Some service plans allow you to forward your calls to another phone number. To do this, you typically press  plus a numerical code, then you enter the forwarding number and press  or . The phone beeps and confirms that you have forwarded your calls. Consult your service provider for details.

Call waiting

When you are on a call and another call comes in, you hear two beeps. The screen shows the caller's phone number if it is available.

1. Press  or  to switch to the incoming call. *The previous caller is placed on hold.*

2. Press **SEND** or **TALK** to change from one caller to the other.

If you press **END**, both calls are disconnected.

Adjusting the volume

To silence the ringer

1. When the phone rings, press **END** or the volume keys to silence the ringer. *The screen reads “RINGER SILENCED,” then “INCOMING CALL.”*
2. Press **SEND** or **TALK** to answer the call after silencing the ringer.

To mute or unmute a call

- ▶ During a call, hold the **○** key under [MENU] for about two seconds. *“MUTE” flashes on the screen. The other party will not hear anything you say.*

To adjust the earpiece volume

- ▶ During a call, press the volume keys to adjust the volume up or down.

To adjust the ringer volume

- ▶ In standby mode, press the volume keys to adjust the ringer volume.

Tip—You can also adjust volume using the Sounds menu. (See page 29.)

Setting the ringer type

1. Press the **○** key under [MENU].
2. Press **5 7** to choose Features > Ringer Type.
3. Press the **○** key under [NEXT] to cycle through the settings. *Each ring plays automatically.*
4. Press the **○** key under [OK] to select the setting you want.

Phone Book

The phone book stores phone numbers in “memory locations.”




- QCP 860 and QCP 1960—up to 99 numbers
- QCP 2760—up to 199 numbers

Each number can be up to 32 digits long. With each phone number, you can enter a name up to 12 characters long.

Tip—When you save a number in the phone book, include long distance information. That way, you can dial the number from anywhere. If it’s a local number, you pay only local rates.




The phone automatically sorts entries by memory location number. To sort the entries alphabetically, use the Display > Sort Book menu (6 2).

Saving a number

1. In standby mode, enter the phone number you want to save.
2. Press the  key under [SAVE].
The Enter Name: screen appears.
3. Enter a name to go with the number. To enter letters using the keypad, see “Saving a name with a number” on page 18.
4. Press the  key under [OK] to save the name. *The memory location screen appears.*
5. Do one of the following:
 - To assign the first available memory location number, press the  key under [SAVE].
 - To assign a specific number, enter a memory location.
QCP 860 and QCP 1960—Enter a number between 01 and 99.

- QCP 2760—Enter a number between 01 and 199.





If that number is already assigned, the phone asks if you wish to overwrite the existing entry.

6. Press the  key under [SAVE] to save this memory location. *The Make Secret? screen appears.*
7. Press the  key under [NEXT] to cycle through the options:
 - **No**—The number appears in the phone book and history list.
 - **Yes**—The name is visible but the phone number is hidden. You cannot view or edit it unless you enter the lock code. (See page 24.)
8. Press the  key under [OK]. *A confirmation message appears; you have saved the entry.*


Saving a name with a number


You can enter any combination of letters, numbers, and punctuation





marks in the Enter Name: screen. (To open this screen, see page 17.)

1. Press the key with the letter or number you want. Press the key once for the first letter, twice for the second letter, and so on. After you have cycled through the letters, the key number appears. For example, if you press  twice, the letter *B* appears. If you press it four times, the number *2* appears. *Two seconds after you choose a character, the cursor moves one space to the right.*
2. To move the cursor manually, press  or .
3. To delete characters, press .


To switch cases

1. By default, letters start out in upper case. Press the  key under [A->a] to change to lower case. *The [A->a] Smart Key changes to [a->A].*




2. Press the  key under [a->A] to return to upper case.


Example—To enter the name *Ann*, press  once to enter the capital A. Press the  key under [A->a] to switch to lower case. Press  twice to enter a lower case *n*. Move the cursor to the last space and press  twice to enter the second *n*.

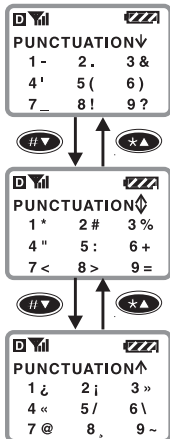
To enter punctuation

1. When you enter names, press the  key to cycle through these common punctuation marks:

. , - ' @ : ? / 1

2. To open a list of punctuation marks, press . *There are three screens of characters, each matched to a number key.*
3. Use  or  to scroll between the screens.




4. With the correct screen visible, press the appropriate number to enter each punctuation mark.
5. To exit the list without entering a punctuation mark, press .








Special characters

Your phone supports English, French, Spanish, and Portuguese. If you select the English display, the number keys enter the letters printed on the keys. If you select another language, you can also enter






letters with accents, cedillas, circumflexes, and other marks.

1. Press the  key under [MENU], then press **6 7** to open the Display > Language menu.
2. Press the  key under [NEXT] to cycle through the languages.
3. When the correct language appears, press the  key under [OK].
4. Press the keys in the charts below to enter special characters.






French

Key	Characters
	A À Â B C Ç 2
	D E Ê Ë É Ê F 3
	G H I Î Ï 4
	M N O Ô Æ 6
	T U Ü Ú V 8

Portuguese

Key	Characters
	A À Á Â B C Ç 2
	D E Ê Ë É Ê F 3
	G H I Í 4
	M N O Ò Ó Ô Õ 6
	T U Ü Ú V 8

Spanish


Key	Characters
	A Á B C 2
	D E É F 3
	G H I Í 4
	M N Ñ O Ó 6
	T U Ü Ú V 8

Note—To enter these characters as lower-case letters, see page 18.

Entering pauses and hyphens

You can insert pauses and manual hyphens along with numbers in your phone book. Pauses are useful for dialing numbers like voice mail or any numbers that require a security code or credit card number.





There are two kinds of pauses:

- **Timed pauses** are two seconds long.
- **Hard pauses** cause the phone to stop dialing until you press the  key under [RESUME].

By default, your phone enters hyphens using the North American numbering plan. If you insert a manual hyphen, the automatic hyphenation for that number is suspended. Pauses and manual hyphens count towards the 32 character limit.




To enter a pause or hyphen

1. Start entering the number.

2. Press  to insert a pause or manual hyphen.
3. Press one of the following keys:
 -  to insert a hard pause
 -  to insert a timed pause
 -  to insert a manual hyphen
4. Enter the rest of the numbers and the name as usual.

Dialing from the phone book




To find a memory location

1. Press the  key under [BOOK].
2. Press  or  to scroll through the phone book until you see the entry you want to call. You can also search for the entry by name or number. (See page 24.)




To speed dial a number

- Enter the memory location number and press  or .

To dial from a memory location

1. Press the  key under [BOOK].
2. Scroll to the phone book entry.
3. When the cursor appears beside the phone number or name, press  or  to place the call.

One-touch dialing




Use this feature to call numbers without pressing  or . If one-touch dialing is not active on your phone, press the  key under [MENU] and press 5 6 to open the Features > One Touch menu. Select Enabled to activate it.

To use one-touch dialing

1. From standby mode, enter the memory location number.
2. Hold down the last digit until you see the message “Calling...” along with the phone book data.

To edit a number before dialing


You can change a number from the phone book or recent history list right before dialing. For instance, you may want to add long distance codes when dialing outside your home system.




1. Recall the number from the phone book or recent history list.
2. Press a digit to start editing. Add or delete numbers as you wish.
3. To save the edited number, press the  key under [SAVE]. *If you do not save the number, the changes only apply to the current call.*
4. Press  or  to dial the number.

Changing the phone book






To edit a phone book entry

You can change the phone number, name, and memory location of any phone number. You can also make numbers secret.





While editing, press the  key under [SAVE] to skip over a screen without changing anything, or to accept the changes you have made and move to the next step.

1. Press the  key under [BOOK].
2. Go to the phone book entry you want to edit.
3. Press the  key under [VIEW] to see details of the entry.
4. Press the  key under [EDIT].

The number appears. To edit secret entries, you must first enter your secret code.

5. Edit the phone number using , the digit keys, and the volume keys to move the cursor.
6. Press the  key under [SAVE].
7. Edit the name and press the  key under [SAVE].
8. Edit the memory location and press the  key under [SAVE].
9. Save the entry as secret or non-secret. Press the  key under [OK]. *A confirmation message appears; you have saved your changes.*




To erase a phone book entry

1. Press the  key under [BOOK].
2. Go to the entry you want to erase.
3. Press the  key under [VIEW] to see details of the entry.
4. Press the  key under [ERASE], then press the  key under [OK]. *“-ERASED-” appears.*




Note—If the entry is secret, you must enter your four-digit lock code.

Searching the phone book


To scroll through the phone book

1. Press the  key under [BOOK].
2. Use  or  or the volume keys to scroll through the list.



To search by name

1. Press the  key under [BOOK].
2. Press the  key under [NAME].
3. Enter the first letter(s) of the name, and press the  key under [FIND]. *The screen shows the first entry beginning with that letter. Name search is not case sensitive.*


To search by phone number

1. From standby mode, enter three consecutive digits of the number.
2. Press the  key under [FIND].

If more than one phone number contains those digits, the phone lists them. Use the volume keys to scroll through the list.

3. Press  or  to dial the number.

To search by memory location

1. Press the  key under [BOOK].
2. Enter the two-digit memory location number. *The phone book entry appears.*

Note—On a QCP 2760, you can search by memory location only on the two-digit location numbers (01–99).

Voice Mail, Pages, and Text Messages

Depending on the service provider, your phone may offer messaging features such as voice mail, paging, and text messaging.

Types of messages


Voice mail—With voice mail, calls automatically go to your voice mail when your phone is turned off or when you don't answer. When you receive a message, the voice mail system sends a notification to your phone. You must call your voice mail service to hear the message, since it is stored on their system and not on your phone.

Page/Msg—When a caller enters a number instead of a voice message, it appears on your phone as a numeric page. Some service providers can also send preset text messages. If you have

email service for your phone, email may appear as a text message. You can view pages and text messages on your phone screen.

Alerts

When you receive voice mail or short messages, your phone alerts you in three ways:

- “Page/Msg” or “Voice Mail” appears. An asterisk (*) marks urgent messages.
- The  icon appears. The icon blinks if the message is urgent.
- Four beeps sound. To turn off the beep, press **2 5** to open the Sounds > Message Volume menu.
- A single reminder beep sounds every five minutes. To turn the reminder beep on or off, go to the Alerts > Msg Remind menu (**7 5**).

Memory

Your phone can store up to 700 bytes of messages (approximately 22 messages of 16 characters each). When the available memory falls below 25% of the total memory, the phone beeps and displays “WARNING! Message Memory is almost FULL. New message is rejected.”

When the phone runs out of memory, it beeps and displays “Msg memory is full. Last msg rejected.” It does not accept any new messages. Erase old messages to free memory.


Voice mail

Each voice mail notification erases the previous notification. It does not erase the actual message in your voice mail.

To listen to your voice mail

1. When  and “Voice Mail” appear, press and hold  for a few



seconds. *The phone automatically dials your service provider’s callback number.*

If your service provider has not set the callback number, press  to return to standby mode and dial your service.

2. Follow the recorded prompts to listen to your message.



To erase voice mail notifications


Erasing voice mail notification does not erase the messages on your voice mail system.

1. After viewing the notification, press the  key under [RESET] to delete it.
2. Press the  key under [YES].




Pages and text messages

To view a new page or text message





1. When  and “Page/Msg” appear, press .

2. Scroll to the Page/Msg line. Press the  key under [OK]. *The first new message opens.*




To view old pages or text messages

1. Press  to display the list.
2. Scroll to the Old Msg line. Press the  key under [OK]. *The first old message opens.*
3. Press the  key under [VIEW].



To dial a callback number

1. After viewing the message, press  or .
2. If the message includes a callback number, press  or  again to dial it.




To save a callback number

1. After viewing the message, press  or .
2. Press the  key under [SAVE] to save the number in the phone book.





To erase a page or text message

1. After viewing the message, press the  key under [ERASE].
2. Press the  key under [YES].

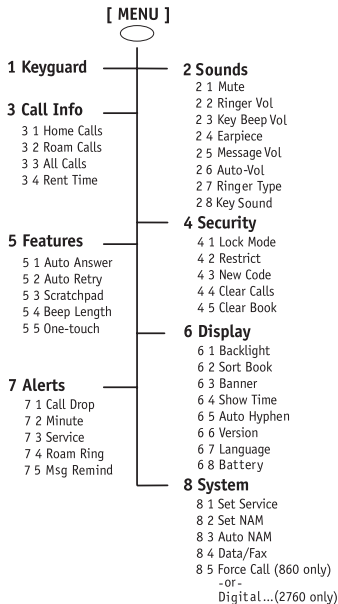
To erase old page information

1. Press  to display the list.
2. Scroll down to the Erase Old line. Press the  key under [OK]. *The message "Erase old page count to zero?" appears.*
3. Press the  key under [YES].

To turn Auto-Delete on or off

1. Press  to display the list.
2. Scroll down to the Auto-Delete line. Press the  key under [OK]. *The "Auto-Delete Old Page/Msg" screen appears.*
3. Press the  key under [ON] or  key under [OFF].




Menus





Use the menus to check or change phone settings.

Each menu except Keyguard contains a secondary list of menu items. Selecting Keyguard turns keyguard on. Selecting any other menu opens a list of menu items.



To enter the menu structure

1. Press the  key under [MENU].
A list of the menus appears.
2. Press  or  to scroll through the menu list. Press the number of the menu you want to open. *You must provide your lock code to open the Security menu.*
3. Press the number of the menu item you want to open.

To select a menu item

1. Press the  key under [NEXT] to cycle through the options.
2. To select an option, press the  key under [OK]. *A check mark appears beside the selected option.*

To return

- Press  once to return to the previous menu without saving changes.
- or-
- Press  once to return to standby mode without saving changes.

Menu items

- 1 **Keyguard** disables the keypad to protect your phone against accidental key presses. (See “Using keyguard” on page 8.)
- 2 **Sounds** enables you to adjust the sound settings of the ringer, keys, earpiece, and incoming message alert. Different menu items appear if your phone is attached to the Hands-free Car Kit or the Hands-free Headset.
 - 2-1. **Mute** switches the microphone on and off during a call. When the microphone is off, the other party cannot hear you. See also “To mute a call” on page 16.
 - 2-2 **Ringer Vol** adjusts ringer volume.
 - 2-3 **Key Beep Vol** adjusts key beep volume.
 - 2-4 **Earpiece** adjusts earpiece volume.
 - 2-5 **Message Vol** adjusts the incoming message alert beep.
 - 2-6. **Auto-Vol** sets the automatic volume control on or off. When Auto-Vol is on, the phone automatically adjusts the earpiece volume based on ambient noise level using the

Earpiece volume setting (2 4) as the base comfort level.

- 2-7. **Ringer Type** sets the sound of the incoming call alert.
- 2-8. **Key Sound** sets the sound of keypresses to either tones or clicks.
- 3 **Call Info** displays the number and duration of calls (measured in minutes and seconds).
- 3-1 **Home Calls** displays the duration of all calls you made in your home system (that is, not roaming) since the last reset.
- 3-2 **Roam Calls** displays the duration of all calls you made outside your home system since the last reset.
- 3-3 **All Calls** displays the duration of all calls you have made on your phone.
- 3-4 **Rent Time** appears only if the phone is rented.

4 **Security** allows you to lock your phone. To open the Security menu, enter your four-digit lock code. The default lock code is usually either 0000 or the last four digits of your phone number. If you forget your lock code, call your service provider.

4-1 **Lock Mode** activates a security lock using your lock code. You can only call emergency numbers or receive incoming calls.

4-2 **Restrict** limits your outgoing calls to emergency numbers, designated service provider numbers, and numbers in the phone book. You may answer calls and view or dial the phone book numbers, but you cannot erase, add, or edit any numbers.

4-3 **New Code** allows you to change your lock code.


4-4 Clear Calls erases the recent history list.

4-5 Clear Book erases the entire phone book. *There is no undo feature.*

5 Features

5-1 Auto Answer sets the phone to automatically answer after two rings. This feature is useful in combination with the Hands-free Car Kit.

5-2 Auto Retry redials failed calls up to five times. Auto retry works when the system is busy or unavailable, not when the phone line is busy.

5-3 Scratchpad lets you add phone numbers to the recent history list during a call without sounding key beeps. It is only active during calls. Press the  key under [ADD] to save entry.

5-4 Beep Length sets key beep length and touch tone playback speed.

5-5 One Touch enables one-touch dialing. (See “One-touch dialing” on page 22.)

6 Display


6-1 Backlight illuminates the phone screen and keypad.

6-2 Sort Book sorts phone book entries alphabetically or by location number.

6-3 Banner lets you enter text (up to 12 characters) to appear on the screen during power up and standby.

6-4 Show Time displays the date and time during standby mode.

6-5 Auto Hyphen hyphenates phone numbers according to the North American numbering plan.

6-6 Version displays the software version and product model of your phone. Press the  key under [MORE] for more information,

such as your electronic serial number (ESN).

6-7 Language sets the language for the phone. (See page 19.)

6-8. Battery displays the current charge level of each battery and indicates which battery is currently in use.

7 Alerts

7-1 Call Drop causes the phone to beep and show a message when a call is dropped.

7-2 Minute causes the phone to beep ten seconds before each minute during a call. This helps you track your phone use.

7-3 Service tells the phone to beep when a network parameter changes. For instance, it beeps if you move out of your service area or if the call changes from digital to analog service.

7-4 Roam Ring assigns a distinct ring to incoming calls that occur when you are outside your service area.

7-5. Msg Remind sets the automatic voice mail message reminder beep on or off. When Msg Remind is on, the phone beeps every five minutes when you have a voice mail message that you have not yet acknowledged. When you acknowledge the message, the Msg Remind beep stops until you get a new voice mail message.

8 System allows you to set network options.

8-1 Set Service determines which signals your phone will accept.

- **Automatic** (the recommended setting) accepts any system the phone service provides.

- **No Roaming** prevents you from making or receiving calls outside your service area.
- The QCP 860 phone has two other options, **A Side** and **B Side**. They refer to the two cellular blocks. By selecting one block, you prevent your phone from operating on the other block.

8-2 Set NAM sets your Number Assignment Module (NAM) correctly for your current area if you have phone accounts with multiple service providers. For instance, if you travel frequently between two cities, you might have a phone account set up in each city. When you are in City A, use this menu item to change to your City A account. If you do *not* have a NAM in City A, then all your phone calls would be roaming calls and would incur higher charges.

8-3 Auto NAM allows the phone to switch to one of the programmed NAMs when it detects the appropriate network signal. Leave the setting at “off” unless you have accounts with more than one service provider.

8-4 Data/Fax determines whether the phone can receive both voice and data calls, or just data calls.

- The **off** setting allows both *if* your phone network can distinguish between voice and data.
- **Fax for next call** forces the next call into fax mode.
- **Data for next call** forces the next call into data mode. The “next call” modes automatically reset to **off** after a fax or data call is received or after 10 minutes if a call is not received in that time.
- **Fax until power OFF** forces the phone into fax mode.

- **Data until power OFF** forces the phone into data mode. The “until power off” settings remain until you reset the menu to **off** or turn off the phone.

8-5 Force Call only appears on the QCP 860 dual-mode phone. It forces the phone into analog mode until the end of the next incoming or outgoing call, or for the next ten minutes.

-or-

8-5. Digital only appears on the QCP 2760 phone. It sets the phone to operate in digital mode, analog mode, or both.

Internet Browser and Data Capability

Your phone is capable of browsing the Internet and handling data as explained below. These services, however, are dependent on your service provider. Check with your service provider for availability.

- **Internet browser**—You can use your phone to browse the Internet if you have obtained phone Internet services from your service provider and if over-the-air Internet access is available in your area.
- **Data capability**—Some service providers allow you to connect your phone to your computer with the QUALCOMM Data Cable (available separately) and use the phone line for e-mail, Internet access, or to send and receive faxes. (For details, see “Data capability” on page 40.)

Internet browser

You can use your phone to browse the Internet if you have obtained phone Internet services from your service provider and if over-the-air Internet access is available in your area.

Hundreds of Web pages are available to you on your QUALCOMM phone, including applications such as stock quotes, weather, news headlines, telephone directories, travel, sports, entertainment.

You may also have access to personal information such as e-mail, your calendar, or a personal address book. Your service provider determines the name and type of applications you can use, and will notify you when new applications become available.


These applications are designed to download quickly and fit on your phone screen. You can also browse sites on the World Wide Web. However, some pages may take a long time to download or may contain too much text to read easily. Not all Web pages will be formatted properly.

The QCP 860 and QCP 1960 phones can support Internet messages called Net Alerts. For more information, see “Net alerts” on page 39.


To learn more about the features of your Internet browser, contact your service provider. When you sign up for Internet service, they may provide access to a personal configuration Web page where you can edit some phone browser settings from a computer. For example, you could format the home page on your Internet browser, set up some applications for easy access, and assign bookmarks to favorite pages.

Using the Internet browser

Starting the browser






1. Make sure your phone is on. Then press . *The message screen appears.*





2. Press the  key under [NET]. The phone connects to the Internet. After a brief introductory screen, the phone shows your Internet browser home page. Your service provider determines what appears on the home page. They may permit you to edit it from your Web page on a computer.



Starting a browser application

1. From the home page, use  and  to scroll through the list of applications.
2. Press the  key under [OK] to start the desired application.
3. You can return to the home page or the browser menu at any time. Press  to open the home page. Press  to open the browser menu.

Exiting the browser

- ▶ When you are on the home page, press  to exit the browser and return to standby mode.
- ▶ At any time, press and hold  for about two seconds to exit the browser and return to standby mode. This saves the URL (Web site location) that you were using last.

Navigating the Internet browser

You can use the keys on your phone to navigate the browser.

Keys



Use the **volume keys** to scroll up and down.



Press **End** once from the home page to exit the browser. Press it once from any other screen to return to the home page. Press and hold it for about two seconds to exit the browser from any location. The last URL is saved and you return to standby mode.



Press **Up** to scroll up or move the cursor left.



Press **Down** to scroll down or move the cursor right.

Ⓒ Press **Clear** to return to the previous screen or (when entering data) to erase the last character. When you move the cursor to the beginning of a line, pressing Clear backs you out of the screen.

Ⓘ Press **Information** to open the Browser settings menu. Press number keys to select the menu options. You can create and use bookmarks, return to your home page, configure the browser settings, and more.

① Use number keys to select menu items or enter digits and letters. (See “Saving a name with a number” on page 18.)

○ Press a **Smart Key** to accept a selection (as shown by the word above the Smart Key).


Status indicators

The phone displays key words and icons to show the status of procedures.

WORKING means that the browser is searching for Internet service.

RECEIVING means that the browser is downloading data from the Web onto your phone. The phone is on a call while it is receiving, and your service provider may bill you for the call. The call remains active for a few seconds after your phone receives the information. You can look at that page for any length of time without incurring additional phone charges. However, as soon as you follow a link or press the ○ key under [OK] to submit an entry, the phone establishes a new call.

SENDING means the phone is sending (uploading) data to an application. When you enter data on a screen

and press the  key under [OK] to accept it, the phone sends data to the application.





The **padlock icon** at the top of the screen means the current Web page is secure. It is safe to enter confidential data, such as a credit card number. Data encryption makes a secure page safer than using your cordless phone at home.



The **on call icon** means you are on a call and may incur phone charges depending on how your service provider bills Internet browsing. You cannot receive voice calls when this icon is displayed. The Internet browser is designed to minimize billable time. Your service provider can tell you exactly how you are billed for Internet calls



Arrows at the bottom right of the screen tell you if there is more information above or below the current list. Use  and  (or the volume keys) to scroll up or down.


Net alerts

If your service provider activated Internet services on your phone and you are in an area that provides over-the-air Internet access, you may receive Net Alerts.



Net Alerts are Internet messages such as stock quote alerts, traffic updates, or e-mail. They are different from pages and text messages because the information in Net Alerts is stored on the Web, not on your phone.

Viewing new net alerts

When you receive a Net Alert, your phone alerts you in three ways:




- A “Net Alert” message appears on the screen. Asterisks (*) indicate that the message is urgent.
- The  icon is activated. It blinks if one of the new messages is urgent.
- The phone beeps four times. To turn off the beep, go to the Message Volume menu item (2 5).

To access your Net Alerts, do the following:

1. Press  to open the message screen.
2. Scroll to the “Net Alerts” line. An asterisk (*) appears before the “Net Alerts” line to indicate you have messages.
3. Press the  key under [OK]. The Net Alerts screen lists the



incoming alerts. Asterisks appear beside items that you have not yet read.

4. Use  and  to scroll through the list.
5. Press the  key under [VIEW] to open the desired alert. The phone launches the Internet browser.

Data capability

Some service providers allow you to connect your phone to your computer with the QUALCOMM data cable (available separately) and use the phone line for e-mail, Internet access, or fax transmission. To receive data in analog mode, obtain the QUALCOMM Data on the Go® Fax/Modem PC Card to install in your computer.

Setting up a data connection

1. With your phone turned off, plug the flat connector on one end of the




data cable into the port on the bottom of the phone.

2. Plug the serial connector on the other end of the data cable into the serial port on your computer.
3. Turn on your computer.
4. Press the PWR button to turn on the phone.
5. Open a communications software package on your computer. Follow the directions that came with the software to send or receive faxes and e-mail or access the Internet using your wireless phone. Due to infrastructure limitations, there may be times when your handset cannot determine if an incoming CDMA (digital) call contains voice or data/fax information. Check with your service provider to see if they support both voice and data/fax signals.

If the network does not know how to distinguish between voice and data/fax calls, and you are expecting a data call, you can set the handset to data mode.

Important—Incoming voice calls are not possible when you are in data mode.

Setting up incoming data or fax calls

1. Press the  key under [MENU].
2. Press **8 4** to open the Data/Fax option in the System menu.
3. Press the  key under [NEXT] to cycle through the settings.
4. Press the  key under [OK] when you see the setting you want.
 - **Off** (the recommended setting) leaves the phone in standard mode. In this mode, incoming voice calls are always allowed. Incoming data calls are accepted

if the network structure correctly identifies them to the phone.

- **Fax for Next Call** tells the phone to receive the next call in Fax mode.
- **Data for Next Call** tells the phone to receive the next call in Data mode.
- **Fax until power OFF** tells the phone to receive all calls in Fax mode until the phone power is turned off.
- **Data until power OFF** tells the phone to receive all calls in Data mode until the phone power is turned off.

Caring for Your Phone

Use the following guidelines to optimize the performance and life of your phone, antenna, and battery.

Phone



- **Do not let unauthorized personnel install or service your phone or accessories.** Faulty installation or service may be dangerous, and will invalidate your warranty.
- **Only use QUALCOMM-approved accessories with QUALCOMM phones.** Use of any unauthorized accessories may be dangerous and will invalidate your phone warranty if the accessories cause damage or a defect to the phone.
- **Keep the phone dry.** If the phone gets wet, turn the power off immediately and remove the external battery. Let it dry before

you use it again. If the phone is inoperable, return it to the dealer for service.

- **Treat the phone gently.** Although your phone is sturdy, it is a complex piece of hardware and can be broken. Avoid dropping, hitting, bending, or sitting on it.
- **Avoid using suntan lotion around the phone.** Chemicals in suntan lotions can damage your phone.

Resetting the phone

On rare occasions, your phone may need to be reset. If the screen seems frozen and the keypad does not respond to key presses, reset the phone. Resetting the phone does NOT delete your data.

- To reset, press  or , , and  at the same time.

Antenna

Follow these guidelines to get the best reception possible.

- Fully extend the antenna when you place or receive a call.
- Do not touch the antenna while you are on a call.
- Do not bend or twist the antenna.
- Close the antenna when not in use.

Battery

Your phone comes with an internal LiIon battery that provides excellent talk and standby time. Leave this battery in the phone at all times. You can check the battery power level at any time using the Battery menu item (6 8).

You can safely recharge the battery at any time, even if it has a partial charge.

Power save mode

Your phone automatically switches to power-save mode if it has not found a signal after about 15 minutes of searching. Power-save mode decreases the drain on the battery.

When the phone is in power-save mode, you cannot make or receive calls. “Power Save Mode” and the No Signal icon (✖) appear on the screen.

The phone periodically rechecks for a signal. Press any key to check for service. When the phone finds a signal, it automatically switches out of power-save mode and displays the Signal Strength icon (▼).

Tips for improving battery performance

Follow these guidelines to improve battery performance.

- Do not disassemble or short-circuit the battery.
 - Keep the metal contacts at the base of the battery clean.
 - If you have not used an internal or external battery for more than a month, recharge it before using it.
 - Replace the internal battery when it no longer maintains a charge. Return the old battery to your local QUALCOMM Service Center.
 - Do not use any battery in direct sunlight or in places with high humidity, such as the bathroom.
 - Never dispose of any battery in or near a fire. It could explode.
 - Do not charge any battery if the temperature is below 32°F (0°C) or above 122°F (50°C).
- Do not store any battery in hot areas for long periods of time. Follow these storage guidelines:
 - under 1 month: -4°F (-20°C) to 140°F (60°C);
 - over 1 month: -4°F (-20°C) to 113°F (45°C).

Safety Information

Radio Frequency (RF) energy

Your telephone is a radio transmitter and receiver. When it is on, it receives and sends out RF energy. Your service provider's network controls the power of the RF signal. This power level can range from 0.006 watts to 0.6 watts.

Exposure to RF energy

In August 1996, the U.S. Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. These guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies in the following reports:

- **ANSI C95.1** (American National Standards Institute, 1992)

- **NCRP Report 86** (National Council on Radiation Protection and Measurements, 1986)
- **ICNIRP** (International Commission on Non-Ionizing Radiation Protection, 1996)

Your phone complies with the standards set by these reports and the FCC guidelines.

Medical devices

Pacemakers—If your portable wireless phone is too close to a pacemaker, the phone's RF energy may interfere with the pacemaker's operation. The Health Industry Manufacturers Association and the wireless technology research community recommend that you follow these guidelines to minimize the potential for interference.

- Always keep the phone at least six inches (15 centimeters) away from your pacemaker when the phone is turned on.
- Do not carry your phone near your heart.
- Use the ear opposite the pacemaker.
- If you have any reason to suspect that interference is taking place, turn your phone off immediately.

Hearing aids—Some digital wireless phones may interfere with hearing aids. In the event of such interference, you may want to consult your service provider or call the customer service line to discuss alternatives.

Other medical devices—If you use any other personal medical device, consult the manufacturer of the device to determine if it is adequately shielded from external RF energy. Your physician may be able to help you obtain this information.

In health care facilities—Turn your phone off in health care facilities when instructed. Hospitals and health care facilities may be using equipment that is sensitive to external RF energy.

Potentially unsafe areas

Posted facilities—Turn your phone off in any facility when posted notices require you to do so.

Aircraft—FCC regulations prohibit using your phone on a plane that is in the air. Turn your phone off before boarding aircraft.

Vehicles—RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Blasting areas—To avoid interfering with blasting operations, turn your phone off when you are in a blasting area or in areas posted “Turn off two-way radio.” Obey all signs and instructions.

Potentially explosive atmospheres—Turn your phone off when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include:

- fueling areas such as gas stations
- below deck on boats
- transfer or storage facilities for fuel or chemicals
- vehicles using liquefied petroleum gas, such as propane or butane

- areas where the air contains chemicals or particles such as grain, dust, or metal powders
- any other area where you would normally be advised to turn off your vehicle engine

Emergency numbers

An emergency number is a special kind of speed dial number. You can dial an emergency number any time the phone is on and receiving a signal, unless you have activated the keyguard.

Note—You cannot program emergency numbers yourself; they must be programmed by your service provider.

Driving safely

Before you use your phone while driving, check the local laws and regulations on the use of portable wireless phones in vehicles. Always obey them, and exercise caution while driving.

The following guidelines are based on recommendations of the Cellular Telecommunications Industry Association (CTIA).

1. Get to know your wireless phone and its features, such as speed dial (page 21) and redial (page 13).

These features help you to place your call without taking your attention off the road.

2. When available, use a hands-free device. Add additional convenience and safety to your wireless phone with one of QUALCOMM's hands-free accessories, such as the Hands-free Car Kit or the Hands-free Headset. For ordering information, contact your service provider or visit our web site at <http://www.qualcomm.com>.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without

removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.

4. Let the person with whom you are speaking know you are driving. If necessary, suspend the call in heavy traffic or hazardous weather conditions.

5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or scrolling through your phone book takes attention away from your primary responsibility: driving safely.

6. Dial sensibly. If you need to make a call while moving, dial a few numbers, check the road and your mirrors, then continue. If possible, place calls when you are not moving or before pulling into traffic.

7. Do not engage in stressful or emotional conversations. Make

people with whom you are talking aware that you are driving. Suspend conversations that have the potential to divert your attention from the road.

- 8. Use your wireless phone to call for help.** Dial 9-1-1 (U.S.A.) or other local emergency number in the case of fire, traffic accident, or medical emergencies. Remember, 9-1-1 is a free call on your wireless phone!
- 9. Use your wireless phone to help others in emergencies.** If you see a traffic accident, crime in progress, or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
- 10. Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken

traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

For more information, call 1-888-901-SAFE (in the U.S.A.) or visit CTIA's Web site at **<http://www.wow-com.com>**.

Failure to follow these instructions may lead to serious personal injury and possible property damage.

Air bags

If you have an air bag, DO NOT place installed or portable phone equipment or other objects over the air bag or in the air bag deployment area. Air bags inflate with great force. If equipment is carelessly placed or not properly installed, you or your passengers risk serious injury.

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