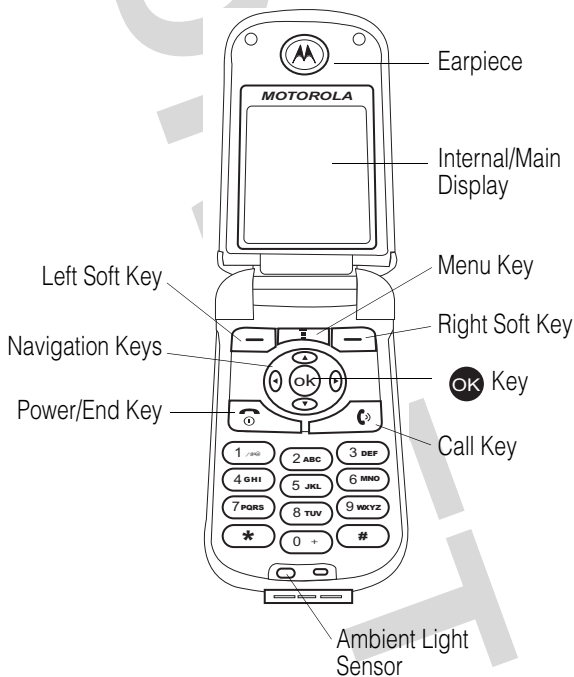# *Welcome*

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V878 wireless phone.

- Earpiece
- Internal/Main Display
- Menu Key
- Right Soft Key
- OK Key
- Call Key
- Power/End Key
- Navigation Keys
- Left Soft Key
- Ambient Light Sensor

Tip: The 4 Navigation Keys also serve as shortcuts to the menu options (see page 102).

Manual number:
Cover number:

Menu Map

You can display your phone's main menu as icons or as a text list. Each has its own organization and is different from the other. By default, your phone displays the main menu as icons.

To change the menu display mode:

Find the Feature   `⬜ⅈ⬜` > Settings
                                      > Menu style

Note: The following is the standard phone menu layout. Menu organization and feature names may vary on your phone. Not all features may be available for all users.

Main Menu Display

Msg. center *
- Text messages
- Multimedia msgs.
- Voice mailbox
- Cell broadcast
- Settings
- Sending history
- Service command

Games
- Five ball
- Flying
- Popo car
- Sound effect

Alarm clock
- On
- Off

Chatroom *

OICQ *
- Unread message
- Friends on line
- Send QQ message
- QQ chat
- Check QQ inbox
- Buddy list
- History
- QQ setup

Quick access
- Browser
- Screen saver
- Add entry to phonebook
- Write message
- Missed calls
- Profile setting
- Calendar
- Message Inbox
- Meeting mode
- Edit

Media center
- New picture
- Photo album
- Picture
- Animation
- Melody
- Voice notes
- Video
- Download media
- View free space

Tools
- Calendar
- Calculator
- Stopwatch
- Tone editor
- Voice commands
- Video player
- My picture

Java

Settings
- Language
- Backlight
- Adjust contrast
- Clock
- Auto power off
- Display
- External display
- Key lock
- Input mode
- Home keys
- Restore factory
- Security
- Call features
- Network
- Connection indication
- Minute reminder
- Menu style
- Java settings
- Light sensor

* Optional network, SIM card, or subscription-dependent feature.

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Main Menu Display

Profile
- Normal
- Meeting
- Outdoors
- Car
- Customized
- Office
- Handsfree
- Headset
- Silence

Recent calls
- Missed calls
- Received calls
- Dialed calls
- Erase all
- Call time
- Call cost
- GPRS data counter
- GPRS connection time
- In-call count
- Session information

Phonebook
- Search
- Add
- Erase
- Copy
- Option
- Speed dial
- Caller group
- Personal number
- Fixed dial number
- Voice tags
- My Own Card

Ringing style
- Ringing volume
- Ringing tone
- Incoming call alert
- Vibrating
- Message alert tone
- Key tone volume
- Key tone type
- Warning tones
- Startup music

Camera

V. recorder

Browser *
- Home
- Bookmark
- Profiles
- Appearance settings
- Download settings
- Go to address
- Clear the cache
- Service Inbox
- Certificates

Bookmark

Voice notes

STK *

Shortcuts
Open menu options:
Press ⊙ (in idle).
Go to dialed calls list:
Press 🕻 (in idle).
Turn on voice-activated commands:
Press the voice activation key (in idle) and then say a command into the microphone.
Turn off the ringer:
Press # (in idle).
Exit menu system:
Press ⟍.

* Optional network, SIM card, or subscription-dependent feature.

Contents

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.

- NOT carry the phone in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found in the "Wireless Phone Safety Tips" at the end of this manual and at the Motorola website: www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as "Intrinsically Safe." Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.
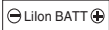
Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in

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areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information will follow.
⊗	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑	Your battery or phone should not be thrown in the trash.
⊖ LiIon BATT ⊕	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before

playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.

- Take a minimum of a 15-minute break hourly.

- Play in a room in which all lights are on.

- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.

- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.

- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

Getting Started

What's in the Box?

Your digital wireless phone comes with a battery and charger. You can purchase other accessories to customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

About This Guide

Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories

This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

Your Subscriber Identity Module (SIM) card contains your phone number, service details, and phonebook/message information.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Action
With your phone facing down, fit the SIM card into the slot, with the metal contacts facing down and the beveled corner pointed at the notch of the slot (as shown).
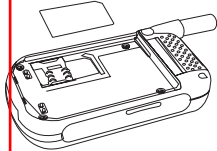
Installing the Battery

You must install and charge the battery to use your phone.

Your phone is designed to use only Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

	Action
1	Remove the battery from the plastic case.
2	Insert the battery with the 2 tabs wedged into the battery slots.

Tabs

Action
3 Latch the other end of battery door so that it clicks into place.

Charging the Battery

New batteries are partially charged. Before using your phone, charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

Action
1 With your phone facing up, plug in the travel charger, with the LED facing up.
2 Plug the other end into the appropriate electrical outlet. The LED turns green when the battery is being charged.
3 When done charging, unplug the charger from the outlet, and press the release tabs to remove the charger from your phone.
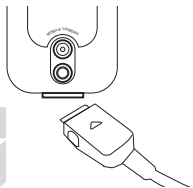
When you charge the battery, the battery power level indicator in the external and internal displays shows how much of the charging process is complete. At least 1 segment of the battery power level indicator must be visible to ensure full phone functionality while charging.

When the battery power is low, your phone will play the warning tones to warn you. Charge the battery immediately (see page 23).

If battery power runs out, your phone turns off.

Battery Use

To maximize your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.

New batteries or batteries that have been stored for a long time may require a longer charge time. When charging, displays the charging status in 10-20 minutes.

- Maintain the battery at or near room temperature when charging.

- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.

- Over time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to buy a new battery.

Getting Started

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The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode. Refer to your battery's label for battery type.

Turning On Your Phone

	Action
1	Open your phone's flip.
2	Press and hold ⬅ to turn on the phone.
3	If necessary, enter your SIM card PIN code and press OK to unlock the SIM card.

Caution: If you enter an incorrect PIN code 3 times in a row, your phone disables the SIM card and displays **SIM Blocked**. |
| 4 | If necessary, enter your 4-digit unlock code and press OK to unlock the phone. |

Note: The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

5	Enter the current time (*HH:MM*) and press OK to confirm.
6	Enter the current date (*YYYY/MM/DD*) and press OK to confirm.

Tip: To reset the time and date, press `[≡]` > **Settings** > **Clock** > **Set the time** and **Set the date**.)

Your phone starts to connect to your service provider and then enters the idle display if connection is successfully established.

Adjusting the In-Call Volume

	Press	**To**
1	up in-call volume key	increase earpiece volume during a call
	or	
	down in-call volume key	decrease earpiece volume during a call
2	OK	save the setting

Note: Adjust the in-call volume from the idle display.

Displaying Your Phone Number

You can display your phone number to people you call.

Tip: Scroll to **Preset** to use the default set by your service provider.

Find the Feature   `[≡]` > **Settings** > **Call feature** > **Show number** > **On**

Making a Call

	Press	To
1	keypad keys	enter the phone number
		Tip: If you make a mistake, press **CLEAR** $\boxed{-}$ to clear the last digit, or press and hold **CLEAR** $\boxed{-}$ to clear all digits.
2	$\diagup\textcircled{\scriptsize{0}}$	make the call
3	$\textcircled{\scriptsize{0}}$	end the call

Tip: Press and hold $\overline{\textcircled{\scriptsize{*}}}$ to insert a "P" (pause character) and then enter an extension following it.

Tip: Press and hold $\overline{\textcircled{\scriptsize{0+}}}$ to insert a "+" and then enter the country code, area code (omitting the starting 0), and phone number to make an international call.

Note: Dial the phone number from the idle display.

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

	Press	To
1	$\diagup\textcircled{\scriptsize{0}}$	answer the call
2	$\textcircled{\scriptsize{0}}$	end the call

Tip: When **Flip answer** is active, open the phone to answer the call. (To activate, press ⌐ⅈ⌐ > **Settings** > **Call feature** > **Flip answer**.)

Tip: When **Anykey answer** is active, press any of the keys except ⌐◌⌐ to answer the call. (To activate, press ⌐ⅈ⌐ > **Settings** > **Call feature** > **Anykey answer**.)

Note: If the phone is locked, you must unlock it to answer the call.

Muting/Unmuting a Call

When you are on a call:

	Press	To
1	OPTIONS ⌐—⌐	open the in-call operation menu
2	⟨ ⟩	scroll to **Mute** or **Unmute**
3	⊙K	mute or unmute the call

Learning to Use Your Phone

Using the Internal Display

The *idle display* is the standard display when you are *not* on a call or using the menu.

Service Provider Name

Date

2003/12/10   21.52   Time

R.STYLE   P.BOOK

Menu Indicator
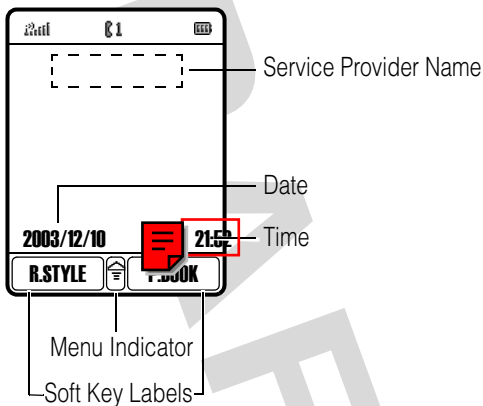
Soft Key Labels

The Menu indicator indicates that you can press the menu key ☰ to display the main or options menu.

Labels at the bottom corners show the current soft key functions. Press the left soft key ⌐ or right soft key ⌐ to perform the function indicated by the left or right soft key label.

Press ⟨⟩ from the idle display to see 4 menu feature

icons. You can also decide which 4 menu options you
would like to see by setting the home keys (see page 102).

At the top of the display are the following status indicators:

Icon	Name	Description
📶	**Signal Strength**	Indicates strength of signal being received. The more vertical bars, the better the reception (5 bars maximum).
		Bars differ in color by the signal strength: green > orange > red.
🔋	**Battery Power Level**	Indicates remaining battery power. The more bars, the more battery power available (3 bars maximum).
		Bars differ in color by power level: green > orange > red. The icon flashes when battery power is near empty.
✉	**New Text Message**	Indicates new unread message(s).
🔊	**New Text/Voicemail Message**	Indicates new unread/ unheard message(s).

Icon	Name	Description
☐⟩	**New Voicemail Message**	Indicates new unheard voicemail message(s).
⚠	**Roaming**	Indicates you are on another network.
ℂ 1 ℂ 2	**Line 1/Line 2**	Indicates telephone line you are using.
⁎▯⁎	**Vibrator On**	Indicates vibrator is turned on.
♩ᶻ	**Silent**	Indicates ringer is turned off.
🄶	**GPRS Mode**	Indicates you are on the GPRS network.
⇄	**Call Connected**	Indicates you are on a call.
🐧	**OICQ Mode**	Indicates you are using OICQ.

Using Menus

From the idle display, press ⬚ to display the main menu.

Selecting a Menu Feature

To select a menu feature, starting from the idle display:

Find the Feature   ⬚ > Phonebook
                       > Add

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Use $\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$ to scroll, and the left/right soft keys to select the soft key functions listed in the bottom left and right corners of the display. ▲

Note: In this user's guide, "Find the Feature" always indicates the feature's position in the icon menu.

Selecting a Feature Option

Some features require you to select an item from a list:

- Press $\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$ to scroll up or down to highlight the item.

- In a numbered list, press an alphanumeric key to highlight the item.

- In an alphabetized list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

Entering Feature Information

Some features require you to enter information:

- Enter numbers or text with alphanumeric keys.

- When an item has a list of possible numeric values, press an alphanumeric key to set the value.

- If you enter or edit information and do not want to save changes, press $\boxed{}$ to exit without saving.

Phonebook lets you create phonebook entries. A *flashing cursor* shows where text is entered.

Entering Text

Multiple text entry modes make it easy for you to enter names, numbers, and messages on your phone.

Setting Ready-to-Use Text Input Modes

Find the Feature $\boxed{\equiv}$ > **Settings** > **Input mode**
                                    > **Preferred input mode**

	Press	To
1	(○ ○ ○)	scroll to desired input mode
2	**ON** $\boxed{-}$	select input mode
3	**BACK** $\boxed{-}$	change setting
4	⊙K	save setting

Choosing a Text Entry Mode

Most text entry screens let you enter letters, numbers, and/ or symbols as required. Press $\boxed{\equiv}$ (or $\boxed{\equiv}$ > **Input mode**) from a text entry screen to select a text entry mode:

Tap mode   Type letters, numbers, and symbols by pressing a key 1 or more times (see **"Using Tap Mode"** on page 34).

iTAP English Let the phone predict each word as you type it (see page 35).

123   Enter numbers only.

Symbol   Enter symbols only (see page 38).

Note: The text entry mode you select remains active until you change it by selecting another mode.

Using Tap Mode

Tap mode is the standard mode for entering text on your phone.

Press ⌨ > **Input mode** from any text entry screen and select **Tap mode**.

	Press	To
1	keypad key 1 or more times	select letter, number, or symbol
2	keypad keys	enter remaining characters
3	ᴼᴷ	store text

General Text Entry Rules

Press a key repeatedly to cycle through its characters.

- If you do not press a key for 2 seconds, the highlighted character highlighted is accepted, and the cursor moves to the next position.

- The 1st character of every sentence is capitalized. After entering 3 characters of a word, you will be presented with a possible word combination. Scroll right to select this word, or scroll up and select another word from the list.

Setting Words to Complete Automatically

Word completion allows you to select a word from a list after you enter the 1st 3 characters.

Find the Feature $\boxed{\equiv}$ > Settings > Input mode
                                          > Word completion > ON

To enter text using Tap mode:

	Press	To
1	keypad keys	enter 1st 3 characters of a word
2	$\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$ up	open the possible words list
3	$\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$	scroll to desired word
4	OK	select word

Use iTAP™ Software Predictive Text Entry Mode

iTAP™ English is a predictive text entry mode that lets you enter a word using 1 key press per letter.

Press $\boxed{\equiv}$ > **Input mode** from any text entry screen, and select **iTAP English**.

Entering Words

	Press	To
1	an keypad key	enter the 1st letter of word
		Tip: The letters associated with the key are shown at the bottom of the display.
2	keypad keys (1 per letter)	enter rest of word
		Tip: Alternative words and letter combinations are shown at the bottom of the display. The word choices update with each key press.
3	(joystick icon)	highlight word you want
4	OK	enter word at flashing cursor location
		Tip: iTAP automatically inserts a space after each word.

For example, to spell the word "art,"

press (2 ABC) (7 PQRS) (8 TUV). The display shows **art**.

Entering Novel Words

If you enter a word that iTAP does not recognize, the word does not display.

Action
1 Press **CLEAR** $\boxed{-}$ 1 or more times to delete letters until a letter combination matches the start of the word.
2 Press $\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$ to highlight letter or letter combination.
3 Press ⓞⓚ , then scroll left to move cursor to the left and "lock" the selected word portion.
4 Continue to enter letters and highlight letter combinations to spell the word.

Your phone stores the unrecognized word and includes it in the list of alternative word choices. When memory space for unrecognized words is filled, your phone deletes the oldest words as it adds new words.

Entering Punctuation

Press	**To**
$\boxed{1_{/*@}}$ or $\boxed{\texttt{\#}}$	enter punctuation

Entering Numbers

	Action
1	Enter the 1st digit, then highlight it to put the iTAP software in number entry mode.
2	Press keys to add digits to the number.
3	Press ⊙ᴋ to enter the number at the flashing cursor location.

Deleting Letters and Words

With the cursor to the right of the text you want to delete:

Action
Press **CLEAR** ⌐─⌐ to delete 1 letter at a time.
Press and hold **CLEAR** ⌐─⌐ to delete the entire line.

Using Symbol Text Entry Mode

Your phone provides an alternate way to enter symbol characters. Press ⊏Ξ⊐ > **Input mode** from any text entry screen and select **Symbol**.

	Press	**To**
1	⌖	highlight desired symbol
2	⊙ᴋ	enter symbol at flashing cursor location

Using the External Display

The external display shows the phone status, including network signal and battery power level. Press the in-call volume key to show time and date. Press the in-call volume key again to show the phone status only.

```
┌────────────────────────────┐
│  Rull                  IIII │
│                             │
│         21:52 ─────────────── Time
│         12/10 Wed ─────────── Date
│                             │
└────────────────────────────┘
```
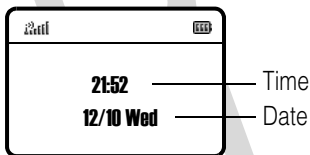
You can also set a clock type:

Find the Feature   ⬚ > Settings > External display
                            > Clock type

	Press	**To**
1	◉	scroll to the desired clock type
2	⊙Ⓚ	select the clock type

When you receive an incoming call, the external display shows the caller's number or name. To answer the incoming call, open the flip.

Note: To see a caller's name in the external display, the caller's number must match an entry in your phonebook (see page 66).

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off. To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, *but you must unlock it to answer*.

You can make emergency calls on your phone even when it is locked.

Locking Your Phone Manually

Find the Feature $\boxed{\equiv}$ > **Settings** > **Security**
> **Code status** > **Phone lock**
> **Lock now**

	Press	To
1	keypad keys	enter your unlock code
2	OK	lock the phone

Tip: Your phone's unlock code is originally set to 1234 at the factory. Your service provider may reset the unlock code to the last 4 digits of your phone number.

Unlocking Your Phone

	Press	To
1	keypad keys	enter your unlock code
2	OK	unlock the phone

Setting Your Phone to Lock Automatically

To lock your phone every time you turn it off:

Find the Feature
　　　　　　　　⬚ > Settings > Security
　　　　　　　　> Code status > Phone lock
　　　　　　　　> Automatic lock > ON

Setting and Changing Codes

You can set and change the following codes that block other people from using your phone and data in it:

PIN code	Lock your phone when you turn it off.
PIN2	Lock certain subscription-dependent features every time you use them.
Phone code	Lock your phone when you turn it off.
SIM lock	Lock your phone when you insert an unidentified SIM card.

Your phone's 4-digit unlock code is factory-set to 1234, and the 6-digit SIM card code is factory-set to 000000. Your service provider may reset these before you receive your phone.

If your service provider has *not* reset these codes, you should change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the SIM card code must contain 6 digits.

To set codes:

Find the Feature
　　　　　　　　⬚ > Settings > Security
　　　　　　　　> Code status

To change codes:

Find the Feature > Settings > Security
> Change code

If You Forget Codes

If you forget your codes, contact your service provider.

If You Enter the Wrong PIN or PIN2 Code 3 Times In a Row

If you enter a wrong PIN or PIN2 code 3 times in a row, your phone prompts you to enter the PUK or PUK2 code to unblock your SIM card. For the PUK and PUK2 codes, contact your service provider.

Setting Up Your Phone

You can set your phone and restore it to the factory settings.

Adjusting the Backlight

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

Find the Feature $\boxed{\scriptsize\mathbb{I}}$ > Settings
                                        > Backlight

Adjusting Display Contrast

Find the Feature $\boxed{\scriptsize\mathbb{I}}$ > Settings
                                        > Adjust contrast

	Press	To
1	right/left	scroll to the desired contrast
2	OK	select the contrast

Setting Time and Date

To see time and date in the idle displays, set the time and date first.

Find the Feature $\boxed{\scriptsize\mathbb{I}}$ > Settings > Clock
                                        > Set the time/Set the date

Then set the date format.

Find the Feature $\boxed{\underline{\mathbb{I}}}$ > Settings > Clock
                                        > Date format

To see time and date in the internal idle display:

Find the Feature $\boxed{\underline{\mathbb{I}}}$ > Settings > Clock
                                        > Show clock > ON

To see time and date in the external idle display:

Press	To
the in-call volume key	display time and date in the external display

Setting Local Time

Find the Feature $\boxed{\underline{\mathbb{I}}}$ > Settings > Clock
                                        > Local time zone

Setting Power-Off Time

Find the Feature $\boxed{\underline{\mathbb{I}}}$ > Settings > Auto power off
                                        > On

Tip: Press $\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$ right/left to select a repeat type.

Setting Display Color

Find the Feature $\boxed{\underline{\mathbb{I}}}$ > Settings > Display
                                        > Color scheme

Setting Up Your Phone

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Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your phone's idle display, internal or external.

Note: When you set an animation as a wallpaper image, only the 1st frame of the animation displays.

Find the Feature   > Settings
                          > Display/External display
                          > Wall paper

Setting a Screen Saver Image

You can set a picture or animation as a screen saver image in your phone's external or internal display. The image displays when the flip is closed or open and no activity occurs in 3 minutes.

An animation repeats for 1 minute, then the 1st frame of the animation displays.

Find the Feature   > Settings
                          > Display/External display
                          > Screen saver

Tip: Scroll to **Off** or **Power saving** to turn off the screen saver to extend battery life. ▲

Using Anykey Answer

Press any keys except $\boxed{\curvearrowright}$ to answer calls.

Find the Feature $\boxed{\underline{\underline{}}}$ > Settings > Call feature
> Anykey answer > ON

Using Flip Answer

Find the Feature $\boxed{\underline{\underline{}}}$ > Settings > Call feature
> Flip answer > ON

Setting an Ambient Light Sensor

Find the Feature $\boxed{\underline{\underline{}}}$ > Settings > Light sensor

Calling Features

Answering a New Call

When you are on a call, and your phone displays a new incoming call message:

	Press	To
1	🔊	put the call on hold and answer the new call
2	📞	end the new call and continue with the call

Making a New Call

When you are on a call, you can make a new outgoing call.

	Press	To
1	OPTIONS ⎯	open the in-call operation menu
2	OK	select **Dial new call**
3	keypad keys	enter the phone number
4	🔊	dial the phone number

Making an Emergency Call

With or without your SIM card installed, you can make an emergency call to the Emergency phone number your service provider gave you.

	Press	To
1	keypad keys	enter the phone number
2	⌕	dial the phone number

Putting/Answering a Call on Hold

When you are on a call, you can put the call on hold or answer the call on hold.

	Press	To
1	OPTIONS ⌐	open the in-call operation menu
2	◉	scroll to **Hold** or **Activate**
3	⊙K	hold or answer the call on hold

Setting a Phone Number

You can set a phone number (line) to make and receive calls.

Find the Feature $\boxed{\equiv}$ > Settings > Call feature
> Phone lines

Redialing Automatically

Find the Feature $\boxed{\equiv}$ > Settings > Call feature
> Auto redial > ON

Checking Recent Calls

Find the Feature $\boxed{\equiv}$ > Recentcalls
> Missed calls/Received calls/
Dialed calls

Tip: If the phone number of the selected recent call displays, press $\boxed{}$ to dial.

Erasing Recent Calls

You can erase 1 or all of the recent calls.

Erasing a Recent Call

Find the Feature $\boxed{\equiv}$ > Recent calls
> Missed calls/Received calls/
Dialed calls

Calling Features

Press	**To**
1 (scroll)	scroll to a recent call you want to erase
2 ⬜	open the options menu
3 (scroll)	scroll to **Erase**
4 OK	erase the selected recent call

Erasing All Recent Calls

Find the Feature   ⬜ > **Recent calls** > **Erase all**

Redialing Recent Calls

You can redial recent calls if the phone number displays.

Find the Feature   ⬜ > **Recent calls**
                   > **Missed calls/Received calls/
Dialed calls**

Press	**To**
1 (scroll)	scroll to the desired recent call
2 ⬜	open the options menu
3 (scroll)	scroll to **Call**
4 OK	make the phone call

Saving Recent Calls in Your Phonebook

You can save recent calls as phonebook entries if the phone number displays.

Find the Feature   ▢ > **Recent calls**
                         > **Missed calls/Received calls/**
                         Dialed calls

	Press	**To**
1	(scroll)	scroll to desired recent call
2	▢	open the options menu
3	(scroll)	scroll to **Save**
4	OK	select **Save**
5	keypad keys	enter the name
6	OK	save the entry in your phonebook

Calling Features

Messages and Chat

You can write, send, and receive messages, either by Short Messaging Service (SMS) or by Multimedia Messaging Service (MMS). You can also reset or set a voice mail service number in **Msg. center**.

Writing and Sending an SMS Message

Find the Feature   ⬚ > **Msg. center**
                            > **Text messages**
                            > **Write message**

	Press	**To**
1	keypad keys	enter your message
2	**SEND** ⬚	select a main recipient
3	**NAMES** ⬚	open your phonebook
4	⬙	scroll to the desired entry
5	OK	select the entry
6	⬙	scroll to the desired phone number
7	OK	select the phone number

	Press	To
8	(•‹›•) down	add a minor recipient, if necessary
		Tip: Repeat steps 3-8 to add minor recipients.
9	SEND ⊏⊐	send your message

Writing and Sending an MMS Message

Find the Feature 〔▤〕 > **Msg. center**
> **Text messages**
> **Write message**

To send by a phone number:

	Press	To
1	keypad keys	enter your message
2	SEND ⊏⊐	select **SEND**
3	P.BOOK ⊏⊐	open your phonebook
4	(•‹›•)	scroll to the desired entry
5	OK	select the entry
6	(•‹›•)	scroll to the desired phone number
7	OK	select the phone number

	Press	**To**
8	BACK ⟋⎯	return to the previous menu
		Tip: Repeat steps 4-8 to add other recipients.
9	BACK ⟋⎯	return to the previous menu
10	⟋⫞	open the options menu
11	⟨⬥⟩	scroll to **Send**
12	OK	send your multimedia message

To send by an e-mail address:

	Press	**To**
1	SEND ⟋⎯	select **SEND**
2	⟋⫞	open the options menu
3	⟨⬥⟩	scroll to **New e-mail address**
4	OK	select **New e-mail address**
5	keypad keys	enter the e-mail address
6	OK	add the e-mail address to the **Recipients** box
		Tip: Repeat steps 2-6 to add other recipients.
7	⟋⫞	open the options menu

Press		**To**
8	(scroll control)	scroll to **Send**
9	OK	send your multimedia message

Adding Touch-Ups to an SMS Message

You can insert quick notes, phonebook numbers and names, image objects (pictures or animations), and sound objects (sounds or melodies) when writing an SMS message.

Find the Feature   ▤ > **Msg. center**
                                    > **Text messages**
                                    > **Write message**

Checking a Received SMS/MMS Message

Find the Feature   ▤ > **Msg. center**
                                    > **Text messages/**
                                    Multimedia msgs. > **Inbox**

Press		**To**
1	(scroll control)	scroll to the desired message
2	OK	check the selected message

Checking a Sent or Unsent SMS/MMS Message

Find the Feature
> [≡] > Msg. center
> > Text messages/
> Multimedia msgs
> > Outbox

This icon indicates a sent SMS message.

This icon indicates an unsent SMS message or a draft SMS message.

This icon indicates a sent MMS message or a draft MMS message.

This icon indicates an unsent MMS message.

Press	To
1 ⊙	scroll to the desired message
2 OK	check the selected message

Checking a Draft SMS/MMS Message

Find the Feature
> [≡] > Msg. center
> > Text messages/
> Multimedia msgs. > Drafts

	Press	To
1	(navigation pad)	scroll to the desired message
2	(OK)	check the selected message

Managing SMS/MMS Messages

You can perform these functions on a message stored in your **Inbox**, **Outbox**, or **Drafts** folder:

- edit
- erase
- dial or save a number included in the message
- connect to a URL included in the message, or save it as a bookmark
- send an unsent message
- send a reply
- forward the message
- call or chat with the sender of an SMS message
- open, check, or save an object from an MMS message
- check a message that you sent or failed to send

Find the Feature $\boxed{\overline{\scriptstyle\boxtimes}}$ > **Msg. center**
> **Text messages/ Multimedia msgs.**
> **Inbox/Outbox/Drafts**

Editing an MMS Template

You can edit an MMS template and save it either on **Drafts** of **Multimedia msgs.** of **Msg. center**, or on **MMS template** of **Multimedia msgs.** of **Msg. center**.

Find the Feature   ⬛ > **Msg. center**
> **Multimedia msgs.**
> **MMS template**

Setting a Voice Mail Service Number

Your service provider may set a voice mail service number before you receive your phone. To reset or set it, refer to the following procedures.

Find the Feature   ⬛ > **Msg. center**
> **Voice mailbox**

	Press	To
1	keypad keys	enter a voice mail service number your service provider provided
2	OK	save the setting

Setting a Message Topics for Service Provider

You can set a topic message you want to receive from your service provider, such as traffic reports and today's news.

Find the Feature $\boxed{\mathbb{I}}$ > Msg. center
> Cell broadcast

Setting a Service Command You Want Your Service Provider to Operate

Find the Feature $\boxed{\mathbb{I}}$ > Msg. center
> Service command

	Press	To
1	keypad keys	enter the service command you want your service provider to operate
2	OK	send the service command to your service provider

Opening a Chatroom

You can open up to 4 chatrooms and have an online chat.

Find the Feature $\boxed{\mathbb{I}}$ > Chatroom

Messages and Chat

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	Press	To
1	(scroll pad)	scroll to any chatroom box
2	NAMES ⎯	select from your phonebook a person you want to have a chat with
3	(scroll pad)	scroll to the desired entry
4	OK	select the entry
5	(scroll pad)	scroll to the desired phone number
6	OK	select the phone number
7	OK	save the setting
8	keypad keys	enter your nickname
9	OK	save the setting
10	keypad keys	enter your message
11	SEND ⎯	send your message

Adding a Quick Note to Your Message

	Press	To
1	⎯	open the options menu
2	(scroll pad)	scroll to **Insert quick note**

Messages and Chat

	Press	To
3	OK	select **Insert quick note**
4	(scroll)	scroll to the desired quick note
5	OK	add the selected quick note to your message

Adding a Smiley Symbol to Your Message

	Press	To
1	🗔	open the options menu
2	(scroll)	scroll to **Insert smiley**
3	OK	select **Insert smiley**
4	(scroll)	scroll to the desired smiley symbol
5	OK	add the selected smiley symbol to your message

Editing Your Nickname.

	Press	To
1	🗔	open the options menu
2	(scroll)	scroll to **Nickname**

	Press	To
3	OK	select **Nickname**
4	keypad keys	edit your nickname
5	OK	save the setting

Editing a Chatroom Phone Number

	Press	To
1	⬛	open the options menu
2	⬤	scroll to **Chat Numbers**
3	OK	select **Chat Numbers**
4	keypad keys	edit a chatroom phone number
5	OK	save the setting

Checking Old Messages

	Press	To
1	⬛	open the options menu
2	⬤	scroll to **View history**
3	OK	check old messages

Setting ICQ

You can use ICQ and have an online chat. Your service provider may set an ICQ profile for you to use ICQ and have an online chat. You can reset it or create a new 1.

Find the Feature　　　⌷ > OICQ > QQ setup
　　　　　　　　　　　　　　> Set service number

Turning On ICQ

You can select an ICQ profile and turn on ICQ.

Find the Feature　　　⌷ > OICQ > QQ setup
　　　　　　　　　　　　　　> Set service number

You can use the ICQ profile your service provider set and turn on ICQ.

Find the Feature　　　⌷ > OICQ > QQ setup
　　　　　　　　　　　　　　> Service status
　　　　　　　　　　　　　　> Apply QQ service

Turning Off ICQ

Find the Feature　　　⌷ > OICQ > QQ setup
　　　　　　　　　　　　　　> Service status
　　　　　　　　　　　　　　> Quit QQ status

Setting Your User Name and Password

Find the Feature　　　⌷ > OICQ > QQ setup
　　　　　　　　　　　　　　> Bind QQID

Allowing or Rejecting Incoming Calls

You can allow or reject incoming calls when using ICQ.

Find the Feature ⬚⬚ > OICQ > QQ setup
> Call permission
> Allow others to call me/
Forbid others to call me

Checking an Unread Message

Find the Feature ⬚⬚ > OICQ > Unread message

Press	To
1 ⬚	scroll to the desired message
2 ⬚	check the selected message

Checking a Read Message

You can check the read messages from your service provider, friends, strangers, or sent by phone numbers.

Find the Feature ⬚⬚ > OICQ > History
> System messages/
Friends' messages/
Strangers' message/
From mobile phone

Deleting All Read Messages

Find the Feature ⬚⬚ > OICQ > History > Delete all

Checking a Received Message

Find the Feature   `⊡` > OICQ > Check QQ inbox

Viewing an Online Friend List

Find the Feature   `⊡` > OICQ > Friends on line
                                    > View on line list

Refreshing an Online Friend List

Find the Feature   `⊡` > OICQ > Friends on line
                                    > Refresh on line list

Sending a Message

You can send a QQ message either by a phone number or by ICQ:

Find the Feature   `⊡` > OICQ > Send QQ message

Managing a Buddy List

You can create and manage a buddy list.

Find the Feature   `⊡` > OICQ > Buddy list

Setting Up Your Phonebook

Setting Phonebook to Use the SIM Card or Phone Memory

Find the Feature ⬜ > Phonebook > Option
> Memory

Tip: 🔲 indicates a phonebook entry saved on your SIM card memory.

Tip: 🔲 indicates a phonebook entry saved on your phone memory.

Creating a Phonebook Entry

Find the Feature ⬜ > Phonebook > Add

	Press	**To**
1	keypad keys	enter the name
2	OK	save the name
3	keypad keys	enter the phone number
4	OK	save the phone number

Phonebook Options

You can perform several functions on phonebook entries.

Find the Feature   ⫶ > Phonebook > Search

Note: This option is available only when your phonebook entries are saved on the phone memory, with 📇 attached. To switch your phone and SIM card memory, see page 66.

	Press	To
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	⬙	scroll to the desired entry
4	OK	select the entry
5	⫶	open the options menu

The phonebook options menu displays the following:

Option	Description
Add number ▲	add number(s) (up to 4) to phonebook entry and set number type
Set as default ▲	set number to be called by default when you place a call
Change type	change number type

Setting Up Your Phonebook

Option	Description
Add picture ▲	create incoming call icon that displays when call received from selected phonebook entry
Remove picture ▲	remove the incoming call display icon from the selected phonebook entry
Add text ▲	create and add a note to the entry
▲ Erase	remove 1 or more phonebook entries (or phonebook note, if a note is selected)
Copy	copy phonebook entry to/from SIM card memory from/to phone memory
Copy all	copy all phonebook entries to/from SIM card memory from/to phone memory
Sort by	select a method to sort phonebook entries
Memory status	read information on both the SIM card and phone memory: 🖼 *X*/100—Number (*X*) of phone numbers in SIM card memory. You can store up to 100 phonebook entries in SIM card memory.

Option	Description
	![icon] X/300—Number (X) of phone numbers in phone memory. You can store up to 300 phonebook entries in phone memory. ![note icon]
	![icon] X/100—Number (X) of phonebook notes in phone memory. You can store up to 100 phonebook notes in phone memory.
Dialing number lookup	locate and select phonebook entry to dial

Setting 1-Touch Dialing Numbers

You can press and hold a key from (2ABC) to (9WXYZ) to make the phone call from the idle display. To turn on 1-touch dial:

Find the Feature ⬚ > Settings > Call feature
> Speed dialing > ON

To create 1-touch dialing numbers:

Find the Feature ⬚ > Phonebook > Speed dial

Press	To
1 ◉	scroll to the desired key

	Press	To
2	OK	open your phonebook
3	⟨ ⌄ ⟩	scroll to the desired entry
4	OK	assign the key for the selected phone number

Checking 1-Touch Dialing Numbers

You can check the speed dial key of a phone number.

Find the Feature   ▤ > Phonebook > Speed dial

	Press	To
1	⟨ ⌄ ⟩	scroll to the desired name
2	▤	open the options menu
	or	**or**
	VIEW ⟋	check the selected phonebook entry
3	OK	check the selected phonebook entry

Changing 1-Touch Dialing Numbers

You can change the phone number of a speed dial key.

Find the Feature $\boxed{\equiv}$ > Phonebook > Speed dial

	Press	To
1	(scroll)	scroll to the desired name
2	$\boxed{\equiv}$	open the options menu
3	(scroll)	scroll to **Change**
4	OK	select **Change**
5	(scroll)	scroll to the desired phonebook entry
6	OK	assign the speed dial key to the selected phone number

Erasing 1-Touch Dialing Numbers

Find the Feature $\boxed{\equiv}$ > Phonebook > Speed dial

	Press	To
1	(scroll)	scroll to the desired name
2	$\boxed{\equiv}$	open the options menu

	Press	To
3	⬖	scroll to **Erase**
4	OK	erase the speed dial key from the selected phone number

Setting Caller Groups

You can classify your phonebook entries into different caller groups.

Find the Feature > Phonebook > Search

	Press	To
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	⬖	scroll to the desired entry
4	OK	select the entry
5		open the options menu
6	⬖	scroll to **Change group**
7	OK	select **Change group**
8	⬖	scroll to the desired caller group
9	OK	select the caller group

Changing Caller Groups

You can move your phonebook entry to another caller group.

Find the Feature   □ > Phonebook > Search

	Press	**To**
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	◁◇▷	scroll to the desired entry
4	OK	select the entry
5	◁◇▷	scroll to the caller group you want to change
6	CHANGE ⎯	turn on **CHANGE**
7	◁◇▷	scroll to the desired caller group
8	OK	select the caller group

Renaming Caller Groups

You can change the name of a caller group.

Find the Feature   □ > Phonebook > Caller group

	Press	To
1	(navigation key)	scroll to the desired caller group
2	OK	select the caller group
3	OK	select **Rename**
4	keypad keys	enter the new name
5	OK	save the new name

Setting a Caller Group Ring Tone

You can select a ring tone for a caller group to use. The ring tone plays when 1 of the caller group calls you.

Find the Feature

⬛⬛ > Phonebook > Caller group

	Press	To
1	(navigation key)	scroll to the desired caller group
2	OK	select the caller group
3	(navigation key)	scroll to **Ring tone**
4	OK	select **Ring tone**
5	(navigation key)	scroll to the desired ring tone
6	OK	select the ring tone

Setting a Caller Group Icon

You can select an icon for a caller group to use. The icon displays when 1 of the caller group calls you.

Find the Feature $\boxed{\text{i}}$ > Phonebook > Caller group

Turn on **Graphic** 1st as follows:

	Press	To
1	(scroll)	scroll to the desired caller group
2	OK	select the caller group
3	(scroll)	scroll to **Graphic**
4	OK	select **Graphic**
5	ON ⊡	turn on **Graphic**

Then set caller group icons as follows:

	Press	To
1	(scroll)	scroll to **View**
2	OK	select **View**
3	(scroll)	scroll to the desired icon
4	OK	select the icon

Creating Your Caller Group Icon

You can set a photo, picture, or an animation as a caller group icon.

Find the Feature $\boxed{\overline{\quad\blacksquare\quad}}$ > Phonebook > Caller group

To turn on **Graphic** 1st:

	Press	To
1	(scroll)	scroll to the desired caller group
2	OK	select the caller group
3	(scroll)	scroll to **Graphic**
4	OK	select **Graphic**
5	ON ⊂—	turn on **Graphic**

To set a caller group icon from **Photo album**:

	Press	To
1	(scroll)	scroll to **View**
2	OK	select **View**
3	(scroll)	scroll to **Media center**
4	OK	select **Media center**

	Press	To
5	(scroll)	scroll to **Photo album**
6	OK	select **Photo album**
7	(scroll)	scroll to the desired folder
8	OK	select the folder
9	(scroll)	scroll to the desired photo
10	OK	select the photo
11	OK	set your photo as the selected caller group icon

To set a caller group icon from **Picture**:

	Press	To
1	(scroll)	scroll to **View**
2	OK	select **View**
3	(scroll)	scroll to **Media center**
4	OK	select **Media center**
5	(scroll)	scroll to **Picture**
6	OK	select **Picture**

	Press	**To**
7	⌖	scroll to the desired picture
8	OK	select the picture
9	OK	set your picture as the selected caller group icon

To set a caller group icon from **Animation**:

	Press	**To**
1	⌖	scroll to **View**
2	OK	select **View**
3	⌖	scroll to **Media center**
4	OK	select **Media center**
5	⌖	scroll to **Animation**
6	OK	select **Animation**
7	⌖	scroll to the desired animation
8	OK	select the animation
9	OK	set your animation as the selected caller group icon

Setting Your Personal Phone Numbers

You can create up to 2 personal phone numbers and names.

Find the Feature   ⬚ > Phonebook
                          > Personal number

To create the 1st set, including your name and number:

	Press	To
1	keypad keys	enter the name
2	OK	save the name
3	keypad keys	enter the phone number
4	OK	save the phone number

To create the second set:

	Press	To
1	⬚	open the options menu
2	⬙	scroll to **Add**
3	OK	select **Add**
4	keypad keys	enter the name
5	OK	save the name
6	keypad keys	enter the phone number

Press	To
7 OK	save the phone number

Editing Your Personal Phone Numbers

Find the Feature

        > **Phonebook**
                > **Personal number**

	Press	To
1	(scroll key)	scroll to the entry you want to edit
2	EDIT ☐	select the entry
	or	
	> OK	
3	keypad keys	enter the name
4	OK	save the name
5	keypad keys	enter the phone number
6	OK	save the phone number

Erasing Your Personal Phone Numbers

Find the Feature

        > **Phonebook**
                > **Personal number**

	Press	**To**
1	(navigation key)	scroll to the entry you want to erase
2	(soft key)	select the entry
3	(navigation key)	scroll to **Erase**
4	OK	erase the selected entry

Setting Fixed Dialing Numbers

You can restrict outgoing calls to the phone numbers that begin with the same digit(s) you set on the fixed dialing list.

Network/Subscription Dependent Feature

Tip: You must enter the PIN2 code to set **Fixed dial number**.

Find the Feature   (soft key) > **Phonebook**
  > **Fixed dial number**

Turn on **Fixed dial number** first as follows:

	Press	**To**
1	**ON** (soft key)	select **Enable fixed dialing**
2	keypad keys	enter the PIN2 code
3	OK	turn on **Fixed dial number**

Then set the 1st fixed dialing number as follows:

	Press	To
1	(navigation keys)	scroll to **Number list**
2	OK	select **Number list**
3	OK	select **Add**
4	keypad keys	enter the PIN2 code
5	OK	confirm the code
6	keypad keys	enter the name of the fixed dialing entry
7	OK	save the name
8	keypad keys	enter the phone number for the fixed dialing entry
9	OK	save the phone number

Set other fixed dialing numbers as follows:

Find the Feature $\overline{\text{■}}$ > **Phonebook**
 > **Fixed dial number**
 > **Number list**

	Press	To
1	(navigation keys)	scroll to any fixed dialing entry
		Note: If there is only 1 fixed dialing entry, skip this step.

	Press	To
2	⬚	open the options menu
3	(scroll)	scroll to **Add**
4	OK	select **Add**
5	keypad keys	enter the PIN2 code
6	OK	confirm the code
7	keypad keys	enter the name of the fixed dialing entry
8	OK	save the name
9	keypad keys	enter the phone number for the fixed dialing entry
10	OK	save the phone number

Editing Fixed Dialing Numbers

You can change the name and/or phone number of a fixed dialing entry.

Find the Feature

⬚ > **Phonebook**
> **Fixed dial number**
> **Number list**

	Press	To
1	(scroll)	scroll to the fixed dialing entry you want to edit

Setting Up Your Phonebook

	Press	To
2	EDIT ☐	select **Edit**
	or	
	☐ > ⓞⓚ	
3	keypad keys	enter the PIN2 code
4	ⓞⓚ	confirm the code
5	keypad keys	enter the name of the fixed dialing entry
6	ⓞⓚ	save the name
7	keypad keys	enter the phone number for the fixed dialing entry
8	ⓞⓚ	save the phone number

Erasing a Fixed Dialing Number

You can erase an entry from the fixed dialing list.

Find the Feature   ☐ > **Phonebook**
> **Fixed dial number**
> **Number list**

	Press	To
1	(scroll pad)	scroll to the fixed dialing entry you want to erase

	Press	To
2	⬜	open the options menu
3	◄•►	scroll to **Erase**
4	OK	select **Erase**
5	keypad keys	enter the PIN2 code
6	OK	confirm the code
7	OK	erase the selected fixed dialing entry

Erasing All Fixed Dialing Numbers

You can erase all entries from the fixed dialing list.

Find the Feature   ⬜ > **Phonebook**
> **Fixed dial number**
> **Number list**

	Press	To
1	◄•►	scroll to any fixed dialing entry
2	⬜	open the options menu
3	◄•►	scroll to **Erase all**

	Press	**To**
4	OK	select **Erase all**
5	keypad keys	enter the PIN2 code
6	OK	confirm the code
7	OK	erase all fixed dialing entries
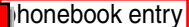
Setting Voice Dialing Numbers

You can create up to 4 ~~voice~~ tags ~~attached to 4 different phone numbers for a phonebook entry saved on the phone memory.~~

To dial by voice activation, press and hold the voice activation key from the idle display until **Please say name or command** displays; then say a name into the microphone.

Find the Feature ⬚ > **Phonebook** > **Search**

Note: This option is available only when you save a phonebook entry on the phone memory.

	Press	**To**
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	◄◉►	scroll to the desired entry
4	OK	select the entry

	Press	To
5	(navigation key)	scroll to the desired phone number
6	(menu key)	open the options menu
7	(navigation key)	scroll to **Add voice tag**
8	OK	select **Add voice tag**
9	OK	say a name into the microphone **Tip:** Repeat this step until **Voice tag saved** displays.

Playing Voice Dialing Number Commands

You can play voice tags attached to phonebook numbers.

Find the Feature (menu key) > **Phonebook** > **Search**

	Press	To
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	(navigation key)	scroll to the desired entry
4	OK	select the entry

	Press	To
5	(navigation pad)	scroll to the desired phone number with a voice tag attached
6	(menu key)	open the options menu
7	(navigation pad)	scroll to **Voice tags**
8	OK	select **Voice tags**
9	OK	play the selected voice tag

Changing Voice Dialing Number Commands

You can change voice tags attached to phonebook numbers.

Find the Feature   (menu key) > **Phonebook** > **Search**

	Press	To
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	(navigation pad)	scroll to the desired entry
4	OK	select the entry

	Press	To
5	(navigation)	scroll to the desired phone number with a voice tag attached
6	⬛	open the options menu
7	(navigation)	scroll to **Voice tags**
8	OK	select **Voice tags**
9	(navigation)	scroll to **Change**
10	OK	say a name into the microphone
		Tip: Repeat this step until **Voice tag saved** displays.

Erasing Voice Dialing Number Commands

You can erase voice tags from phonebook numbers.

Find the Feature ⬛ > **Phonebook** > **Search**

	Press	To
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	(navigation)	scroll to the desired entry

	Press	To
4	OK	select the entry
5	⟨scroll⟩	scroll to the desired phone number with a voice tag attached
6	▭	open the options menu
7	⟨scroll⟩	scroll to **Voice tags**
8	OK	select **Voice tags**
9	⟨scroll⟩	scroll to **Erase**
10	OK	erase the selected voice tag

Sending a Business Card as SMS

You cannot edit a business card (which includes a selected phone book entry) when you send it as SMS.

Find the Feature ▭ > **Phonebook** > **Search**

To turn on **Send as SMS**:

	Press	To
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook

Setting Up Your Phonebook

	Press	To
3	(navigation key)	scroll to the desired entry
4	OK	select the entry
5	(menu key)	open the options menu
6	(navigation key)	scroll to **Send business card**
7	OK	select **Send business card**
8	(navigation key)	scroll to **Send default number** if you want the business card to include only the default phone number and the name of the selected phonebook entry
		or
		scroll to **Send details** if you want the business card to include all phone numbers and the name of the selected phonebook entry
		Note: Skip this step if your phonebook entry is on the SIM card memory.

	Press	To
9	OK	select **Send default number** or **Send details**
		Note: Skip this step if your phonebook entry is saved on the SIM card memory.
10	OK	select **Send as SMS**

To enter a main recipient in the **Send to** box:

	Press	To
1	**NAMES** ⎯	open your phonebook
2	(scroll)	scroll to the desired entry
3	OK	select the entry
4	(scroll)	scroll to the desired phone number
5	OK	select the phone number

To enter minor recipients in the **Copies to** box:

	Press	To
1	(scroll)	scroll to any blank **Copies to** box
2	**NAMES** ⎯	open your phonebook

Setting Up Your Phonebook

Press	To
3 ⟨ ◦ ⟩	scroll to the desired entry
4 OK	select the entry
5 ⟨ ◦ ⟩	scroll to the desired phone number
6 OK	select the phone number

To send the business card:

Press	To
SEND ⊂−	send the business card

To end sending the business card:

Press	To
CANCEL ⊂−	end sending the business card

Note: If the business card fails to send, the phone number(s) of the recipient(s) display(s). Press OK and contact your service provider.

Sending a Business Card as Text

Find the Feature $\boxed{\equiv}$ > Phonebook > Search

You can edit a business card (which includes a selected phone book entry) when you send it as text.

To turn on **Send as text**:

	Press	**To**
1	keypad keys	enter the 1st letter(s) of the name
2	ⓞⓚ	open your phonebook
3	⟨◌⟩	scroll to the desired entry
4	ⓞⓚ	select the entry
5	$\boxed{\equiv}$	open the options menu
6	⟨◌⟩	scroll to **Send business card**
7	ⓞⓚ	select **Send business card**

	Press	To
8	(scroll)	scroll to **Send default number** if you want the business card to include only the default phone number and the name of the selected phonebook entry
		or
		scroll to **Send details** if you want the business card to include all phone numbers and the name of the selected phonebook entry
		Note: Skip this step if your phonebook entry is saved on the SIM card memory.
9	OK	select **Send default number** or **Send details**
		Note: Skip this step if your phonebook entry is saved on the SIM card memory.
10	(scroll)	scroll to **Send as text**
11	OK	select **Send as text**

To edit the selected phonebook entry in the business card:

Press	To
keypad keys	enter the text

To enter a main recipient in the **Send to** box:

	Press	To
1	**SEND** ▭	enter a main recipient
2	**NAMES** ▭	open your phonebook
3	◌	scroll to the desired entry
4	**OK**	select the entry
5	◌	scroll to the desired phone number
6	**OK**	select the phone number

To enter minor recipients in the **Copies to** box, see page 92.

To send the business card, see page 93.

To end sending the business card, see page 93.

Sending a Message with a Phonebook Entry

Find the Feature   ⬚ > Phonebook > Search

To turn on **Send message**:

	Press	**To**
1	keypad keys	enter the 1st letter(s) of the name
2	OK	open your phonebook
3	(navigation)	scroll to the desired entry
4	OK	select the entry
5	⬚	open the options menu
6	(navigation)	scroll to **Send message**
7	OK	select **Send message**

To edit the message including the selected phonebook entry:

Press	**To**
keypad keys	enter the text

To enter a main recipient in the **Send to** box, see page 96.

To enter minor recipients in the **Copies to** box, see page 92.

To send the message:

Press	To
SEND `[ — ]`	send the message

To end sending the message:

Press	To
CANCEL `[ — ]`	end sending the message

Note: If the message fails to send, the phone number(s) of the recipient(s) display(s). Press `OK` and contact your service provider.

Creating Your Name Card

You can create your personal profile.

Find the Feature   `[ ⊟ ]` > Phonebook > My Own Card
                                              > Edit

	Press	To
1	`(◌)`	scroll to any blank box
2	keypad keys	enter the suitable words
3	`OK`	save the settings

Checking Your Name Card

Find the Feature $\boxed{\underline{\equiv}}$ > **Phonebook** > **My Own Card**
                        > **View**

Sending Your Name Card

You can select information to display in your name card and send it as SMS or text.

To display information in your name card:

Find the Feature $\boxed{\underline{\equiv}}$ > **Phonebook** > **My Own Card**
                        > **Send my own** > **Info. setting**

	Press	**To**
1	$\binom{\cdot}{\cdot}$	scroll to the desired item
2	**ON** $\boxed{-}$	display the item
		Note: Press **OFF** to hide the item.
3	**BACK** $\boxed{-}$	return to the last menu
4	$\circledcirc$	save the settings

To send your name card as SMS:

Find the Feature $\boxed{\underline{\equiv}}$ > **Phonebook** > **My Own Card**
                        > **Send my own**
                        > **Send as SMS**

To enter main recipients in the **Send to** box, see page 92.

Setting Up Your Phonebook

To enter minor recipients in the **Copies to** box, see page 92.

To send your name card:

Press	To
SEND ⟶	send your name card

To end sending your name card:

Press	To
CANCEL ⟶	end sending your name card

Note: If your name card fails to send, the phone number(s) of the recipient(s) display(s). Press **OK** and contact your service provider.

To send your name card as text:

To edit your name card:

Press	To
keypad keys	enter the text

Setting Up Your Phonebook

Erasing Your Name Card

Find the Feature $\boxed{\overline{\mathrm{III}}}$ > Phonebook > My Own Card
> Erase

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Setting Up Your Phonebook

Personalizing Your Phone

Setting a Language

Find the Feature $\boxed{}$ > Settings > Language

Replacing the Service Provider Name

You can replace the service provider name in the idle display with the standby logo you downloaded.

Find the Feature $\boxed{}$ > Settings > Display
> Standby logo > ON

Setting Home Keys

You can set the navigation key $\textcircled{}$,right soft key $\boxed{-}$,

and left soft key $\boxed{-}$ as shortcuts to any of the menu options.

Find the Feature $\boxed{}$ > Settings > Home key

Restoring Factory Settings

Find the Feature   ⬛⬛ > Settings
                                > Restore factory settings

Note: You must enter your phone's unlock code to restore factory settings .

Setting a Menu Style

Find the Feature   ⬛⬛ > Settings > Menu style

Creating an Option Shortcut

Find the Feature   ⬛⬛ > Quick access > Edit

	Press	**To**
1	(navigation key)	scroll to the desired option
2	ⓄⓀ	select the option
3	keypad keys	enter a number between 1 and 9
4	**SAVE** ⊏⊐	save the setting

Using an Option Shortcut

Find the Feature $\boxed{\equiv}$ > Quick access

	Press	**To**
1	(navigation key)	scroll to the desired option shortcut
2	OK	select the option shortcut

Setting a Phone Profile

You can set a phone profile, which includes ring tone, key tone, and vibrator settings. You can select a phone profile and use the default, or you can customize and rename it.

Using a Default Phone Profile

Find the Feature $\boxed{\equiv}$ > Profile > Normal/Meeting/ Outdoors/Car/Office > Activate

Tip: To use **Handsfree**, plug a handsfree kit in your phone's TTA port. Refer to the following section to customize it.

Tip: To use **Headset**, plug a headset kit in your phone's TTA port. Refer to the following section to customize it.

Customizing a Phone Profile

Find the Feature `▥` > Profile > Normal/Meeting/
Outdoors/Car/ Customized/
Office/Handsfree/Headset
> Customize

You can customize the following options for a phone
profile:

Ringing volume	Select ring tone volume. Maximum is **Volume 5**.
Ringing tone	Select a ring tone.
Incoming call alert	Select how the ring tone works when your phone receives calls.
	Tip: Scroll to **Off** to turn off **Ringing tone**.
Vibrating	Turn vibrator on or off.
Message alert tone	Select an alert tone when your phone receive messages.
	Tip: Scroll to **Off** to turn off **Message alert tone**.
Key tone volume	Select key tone volume. Maximum is **Volume 5**.
Key tone type	Select a key tone.
	Tip: Scroll to **Off** to turn off the key tone.
Warning tones	Turn on or off **Warning tones**, which are played when the battery power is low or there is any operation error.

Personalizing Your Phone

Startup music	Turn on or turn off **Startup music**, which is played when you turn on or turn off your phone.	
Voice dial	Turn on or turn off **Voice dial**. To create voice dial tags, see page 86.	
	Note: **Voice dial** is for **Handsfree/Headset** only.	
Auto answer	Turn on or turn off **Auto answer**.	
	Note: **Auto answer** is for **Handsfree/Headset** only.	

Renaming a Phone Profile

Find the Feature $\boxed{}$ > **Profile** > **Meeting/ Outdoors/Car/Customized/ Office** > **Rename**

Muting Your Phone

Find the Feature $\boxed{}$ > **Profile** > **Silence** > **ON**

Tip: Press and hold $\boxed{\#}$ to turn on or turn off **Silence** from the idle display.

Setting Ringers

You can turn on or turn off the vibrator, warning tones and startup music, and set ringers for a phone profile. You can select a ring tone and its volume, a key tone and its volume, an alert tone when your phone receives

messages, and set how a ring tone works with incoming calls (see page 105).

Find the Feature $\boxed{\quad\overline{\mathtt{I}}\quad}$ > Ringing style
> Ringing volume/
Ringing tone/
Incoming call alert/
Message alert tone/
Key tone volume/Key tone type

	Press	To
1	$\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$	scroll to the desired option
2	ⓞⓚ	select the option

Setting the Vibrator, Warning Tones, and Startup Music

You can turn on or turn off the vibrator, warning tones (which play when the battery power is low or there is an operation error), and startup music (which plays when you turn on or turn off your phone).

Find the Feature $\boxed{\quad\overline{\mathtt{I}}\quad}$ > Ringing style
> Vibrating/Warning tones/
Startup music

Press	To
ON/OFF $\boxed{\quad}$	turn on/off **Vibrating**, **Warning tones**, or **Startup music**

Getting More Out of Your Phone

Deflecting a Call

When you have an incoming call, you can deflect it to another phone number.

	Press	**To**
1	OPTIONS ⬜	open the in-call operation menu
2	(navigation key)	scroll to **Deflection**
3	OK	select **Deflection**
4	keypad keys	enter the phone number
5	OK	save the phone number
6	keypad keys	enter the name
7	OK	save the name

Sending DTMF Tones

When you are on a call, you can send Dual Tone Multi-Frequency (DTMF) tones, for example, to enter the account number during a banking service call.

	Press	To
1	OPTIONS ⊟	open the in-call operation menu
2	(navigation pad)	scroll to **Send DTMF**
3	OK	select **Send DTMF**
4	keypad keys	enter the account number

Making a Multi-Party Call

	Press	To
1	keypad keys	enter the phone number for the 1st call
2	☎	make the 1st call
3	keypad keys	enter the phone number for the second call
4	☎	make the second call
		Tip: The 1st call is put on hold and the second call is active.
5	OPTIONS ⊟	open the in-call operation menu

	Press	**To**
6	(scroll)	scroll to **Conference**
7	OK	make a multi-party call

⚠ *Ending Calls on a Multi-Party Call*

	Press	**To**
1	OPTIONS ⬜	open the in-call operation menu
2	(scroll)	scroll to **End calls**
3	OK	select **End calls**
4	(scroll)	scroll to the call you want to end
		or
		scroll to **All calls** (to end all calls at once)
5	OK	confirm your selection

Diverting Calls

You can divert incoming calls to another phone number.

Find the Feature ⬚ > **Settings** > **Call feature** > **Call divert**

Blocking Your Calls

You can block outgoing and/or incoming calls.

Note: You must set a password to turn **Call barring** on or off.

Find the Feature ⬚ > **Settings** > **Call feature** > **Call barring**

Setting Fax, Data, and Voice Calls

In addition to voice calls, you can use your phone to receive fax and data calls.

Find the Feature ⬚ > **Settings** > **Call feature** > **Next call**

Setting a Service Network

You can either set your phone to connect to a service network manually, including the service provider, baseband, and network connection, or set your phone to connect to a specific service network automatically and use this as the default when you turn your phone on.

Find the Feature ⬚ > **Settings** > **Network**

Setting a Service Network Reminder

You can set a reminder to inform you of a successful network connection.

Tip: Scroll to **Off** to turn off the reminder.

Find the Feature ⬚ > Settings
> Connection indication

Setting a Call Time Reminder

You can set a reminder to inform you of ~~a successful network connection.~~

Tip: Scroll to **Off** to turn off the reminder.

Find the Feature ⬚ > Settings > Minute reminder

Checking Call Times

You can check the time you spent on the last received or dialed call, all received and dialed calls, all received calls, and on all dialed calls.

Find the Feature ⬚ > Recent calls > Call time
> Last call/All calls/
Received calls/Dialed calls

Resetting the Call Timer

Find the Feature $\boxed{\equiv}$ > Recent calls > Call time
> Clear timer

Setting the Call Cost Counter

Set the call cost counter to check the cost you spent on any call.

Note: You must enter the PIN2 code to set the call cost counter.

Find the Feature $\boxed{\equiv}$ > Recent calls > Call cost
> Setting

Resetting the Call Cost Counter

You can reset the call cost counter.

Note: You must enter the PIN2 code to reset the call cost counter.

Find the Feature $\boxed{\equiv}$ > Recent calls > Call cost
> Clear cost

Checking Call Cost

After setting the call cost counter, you can check the cost you spent on the last call or all calls.

Getting More Out of Your Phone

Find the Feature   [≡] > **Recent calls** > **Call cost**
                              > **Last call/All calls**

Checking Call Credit

Check the call credit to check if you can make another phone call.

Tip: Try to reset the call credit if you exceed the credit limit and cannot make phone calls.

Find the Feature   [≡] > **Recent calls** > **Call cost**
                              > **Credit remaining**

Displaying Call Time after a Call [note]

To set your phone to display the call time:

Find the Feature   [≡] > **Recentcalls**
                              > **Session information** > **ON**

To select the call time:

Find the Feature   [≡] > **Recent calls** > **In-call count**
                              > **Call time** [note]

Displaying Call Cost after a Call

You can set your phone to display the cost you spent on the call you just ended.

To set your phone to display the call cost:

Find the Feature ☰ > Recent calls
> Session information > ON

To select the call cost:

Find the Feature ☰ > Recent calls
> In-call count > Call cost

Using STK Services

You can use SIM Tool Kit (STK) services your service provider provides. For more details, contact your service provider.

Find the Feature ☰ > STK

Press	To
1 (scroll)	scroll to the desired STK service
2 (OK)	select the STK service

Tip: Press any of your phone's indicators to use STK services.

Personal Organizer Features

Turning On the Alarm Clock

Find the Feature $\boxed{\blacksquare}$ > Alarm clock > On

	Press	To
1	keypad keys	enter the time
2	down	highlight the **Repeat type** box
3		scroll to the desired option
4	down	highlight the **Vibrator** box
5	right	turn on or turn off the vibrator
6	down	highlight the **Alarm tone** box
7		scroll to the desired tone
8	**SAVE**	save the settings and turn on the alarm clock

Turning Off the Alarm Clock

Find the Feature ⬚ > Alarm clock > Off

Creating a Calendar Note

Selecting a Date

Find the Feature ⬚ > Tools > Calendar
> Month mode

	Press	To
1	⟨ ⟩	scroll to the desired date
		Tip: If you created a calendar note on a date, the date is highlighted. The bold-faced date is the current date.
2	OK	select the date

Writing a Calendar Note

	Press	To
1	OK	select **Add new**
2	keypad keys	enter the time
3	⟨ ⟩ down	highlight the **Note type** box
4	⟨ ⟩ right/left	scroll to the desired option

	Press	To
5	(⌃⌄) down	highlight the **Content** box
6	keypad keys	enter the content
7	(⌃⌄) down	highlight the **Name** box
8	⌐	open the options menu
9	(⌃⌄)	scroll to **From phone book**
10	⊙	select **From phone book**
11	(⌃⌄)	scroll to the desired phonebook entry
12	⊙	select the phonebook entry
13	(⌃⌄)	scroll to the desired phone number
14	⊙	select the phone number
15	(⌃⌄) down	highlight the **Circulation type** box
16	(⌃⌄) right/left	scroll to the desired option
17	(⌃⌄) down	highlight the **Alarm** box
18	(⌃⌄) right/left	scroll to the desired option **Tip:** Scroll to **Off** to make the following **Vibrator** and **Alarm tone** options unavailable.

Personal Organizer Features

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	Press	To
19	(∙) down	highlight the **Vibrator** box
20	(∙) right	turn on (put a check in) or turn off (delete a check from) the vibrator
21	(∙) down	highlight the **Alarm tone** box
22	(∙) right/left	scroll to the desired option
23	**SAVE** (—)	create a calendar note

Moving or Copying a Calendar Note to Another Date

Find the Feature (☰) > **Tools** > **Calendar** > **View all notes**

	Press	To
1	(∙)	scroll to the desired calendar note
2	(OK)	select the calendar note
3	(☰)	open the options menu
4	(∙)	scroll to **Move** or **Copy**
5	(OK)	select **Move** or **Copy**
6	keypad keys	enter a date

	Press	**To**
7	OK	move or copy the calendar note to the selected date

Sending a Calendar Note

Find the Feature $\boxed{\equiv}$ > Tools > Calendar
> View all notes

To send a calendar note with your message:

	Press	**To**
1	(scroll pad)	scroll to the desired calendar note
2	OK	select the calendar note
3	$\boxed{\equiv}$	open the options menu
4	(scroll pad)	scroll to **Send note**
5	OK	select **Send note**
6	(scroll pad)	scroll to **Send as text**
7	OK	select **Send as text** ▲
8	keypad keys	edit the selected calendar note
9	SEND ⟋	select a main recipient
10	NAMES ⟋	open your phonebook

Personal Organizer Features

	Press	To
11	(scroll)	scroll to the desired entry
12	OK	select the entry
13	(scroll)	scroll to the desired phone number
14	OK	
15	(scroll) down	to add a minor recipient, if necessary **Tip:** Repeat steps 10-15 to add minor recipients.
16	SEND	send the selected calendar note with your message

Making a Call from a Calendar Note

Find the Feature > Tools > Calendar
 > View all notes

	Press	To
1	(scroll)	scroll to the desired calendar note
2	OK	select the calendar note
3	(menu)	open the options menu
4	(scroll)	scroll to Call

Press	To
5 (OK)	make a call

Checking a Calendar Note

Find the Feature   ⬚ > Tools > Calendar
> View all notes

Press	To
(scroll)	scroll and check the desired calendar note

Erasing a Calendar Note

To erase a calendar note:

Find the Feature   ⬚ > Tools > Calendar
> Erase notes > One by one

Press	To
1 (scroll)	scroll to the desired calendar note
2 (OK)	erase the selected calendar note

Creating an Account Book

Find the Feature   ⬚ > Tools > Calendar
> Account book
> Make accounts

Personal Organizer Features

	Press	To
1	keypad keys	enter a date
2	(⌃) down	highlight the **Amount** box
3	keypad keys	enter an amount
4	(⌃) down	highlight the **Item** box
5	keypad keys	describe an item
6	(⌃) down	highlight the **In/Out** box
7	(⌃) right/left	scroll to the desired option
8	**SAVE** ⌷	create an account book

Editing an Account Book

To select a month and edit an account book in the selected month:

Find the Feature ⟦⌷⟧ > **Tools** > **Calendar**
> **Account book**
> **Accounts list**

Checking Your Income

To select a month and check your income in the selected month:

Find the Feature ⟦⌷⟧ > **Tools** > **Calendar**
> **Account book** > **Total count**

Checking Your Expense

To select a month and check your expense in the selected month:

Find the Feature $\boxed{\;\equiv\;}$ > Tools > Calendar
> Account book > Total count

Checking Your Balance

To select a month and check your balance in the selected month:

Find the Feature $\boxed{\;\equiv\;}$ > Tools > Calendar
> Account book > Total count

Erasing an Account Book

To erase an account book:

Find the Feature $\boxed{\;\equiv\;}$ > Tools > Calendar
> Account book
> Erase accounts

To set your phone to automatically erase the account books you created 1/3/6 month(s) ago:

Find the Feature $\boxed{\;\equiv\;}$ > Tools > Calendar
> Account book
> Erase accounts
> Auto erase
> After 1 month/
After 3 months/
After 6 months

Erasing All Account Books

Find the Feature   ⊡ > Tools > Calendar
> Account book
> Erase accounts
> All at once

Using the Calculator

Find the Feature   ⊡ > Tools > Calculator

To perform simple calculations:

	Press	**To**
1	number keys	enter numbers
	🟊	enter a decimal point
	up	**Add**
	down	**Subtract**
	left	**Multiply**
	right	**Divide**
2	#	display the result

To convert currency:

Find the Feature   ⊡ > Tools > Calculator

	Press	**To**
1	**OPTIONS** ⌐−	open the options menu
2	⬭	scroll to **Exchange rate**
3	ⓞⓚ	select **Exchange rate**
4	ⓞⓚ	select **Foreign unit expressed in domestic units**
5	keypad keys	enter an exchange rate
6	**OK** ⌐−	save the setting
7	⬭	scroll to **Domestic unit expressed in foreign units**
8	ⓞⓚ	select **Domestic unit expressed in foreign units**
9	keypad keys	enter an exchange rate
10	**OK** ⌐−	save the setting
11	**BACK** ⌐−	return to the previous menu
12	**BACK** ⌐−	return to the previous menu
13	keypad keys	enter an amount of currency
14	**OPTIONS** ⌐−	open the options menu
15	⬭	scroll to **In foreign** or **In domestic**
16	ⓞⓚ	display the result

Using the Stopwatch

To use your phone's stopwatch to perform split or lap timing:

Find the Feature $\boxed{\overline{\underline{\hspace{0.3cm}}}}$ > Tools > Stopwatch
> Split timing/Lap timing

	Press	**To**
1	START $\boxed{}$	start the operation
2	SPLIT $\boxed{}$	end a current timing and continue to start a new 1
3	STOP $\boxed{}$	stop the operation

Saving Records

To save records after you stop the operation:

	Press	**To**
1	OPTIONS $\boxed{}$	open the options menu
2	$\bigodot$	scroll to **Save**
3	$\boxed{\text{OK}}$	select **Save**
4	keypad keys	enter the name
5	OK $\boxed{}$	save records

Resuming Records

To resume the operation after you stop it:

	Press	To
1	**OPTIONS** ⎯	open the options menu
2	OK	resume the operation

Resetting All Records

To reset all records after you stop the operation:

	Press	To
1	**OPTIONS** ⎯	open the options menu
2	⟨⟩	scroll to **Reset**
3	OK	reset all records

Viewing a Records File

To view a records file you saved:

Find the Feature ⎯ > **Tools** > **Stopwatch**
> **View times**

Erasing a Records File

Find the Feature ⎯ > **Tools** > **Stopwatch**
> **Erase times** > **One By One**

Erasing All Records Files

Find the Feature $\boxed{\equiv}$ > **Tools** > **Stopwatch**
 > **Erase times** > **All at once**

Setting Voice Commands

To turn on a command using voice activation, press and
hold the voice activation key from the idle display until
Please say name or command displays; then say the name of the
command into the microphone.

Creating a Voice-Activated Command

Find the Feature $\boxed{\equiv}$ > **Tools** > **Voice commands**

	Press	To
1	OK	select **Add command**
2	⊙	scroll to the desired command
3	OK	select the command
4	OK	say the name of the command into the microphone **Tip:** Repeat this step until **Voice command saved** displays.

Playing a Voice-Activated Command

Find the Feature $\boxed{\equiv}$ > **Tools** > **Voice commands**

	Press	To
1	⟨⟩	scroll to the desired voice-activated command
2	OK	select the voice-activated command
3	OK	play the selected voice-activated command

Changing a Voice-Activated Command

Find the Feature   ⟨☰⟩ > **Tools** > **Voice commands**

	Press	To
1	⟨⟩	scroll to the desired voice-activated command
2	OK	select the voice-activated command
3	⟨⟩	scroll to **Change**
4	OK	say the name of the command into the microphone

Tip: Repeat this step until **Voice command saved** displays. |

Erasing a Voice-Activated Command

Find the Feature   ⟨☰⟩ > **Tools** > **Voice commands**

	Press	To
1	(scroll key)	scroll to the desired voice-activated command
2	OK	select the voice-activated command
3	(scroll key)	scroll to **Erase**
4	OK	select **Erase**
5	OK	erase the voice-activated command

Displaying World Time

You can select a foreign place and display its time.

Find the Feature $\boxed{\underline{\bar{}}}$ > Settings > Clock
  > World clock

	Press	To
1	(scroll key)	scroll to the desired place
2	OK	select the place and display its time

Turning On Your Phone's Voice Recorder

You can use your phone's voice recorder to record up to 30 seconds of voice notes.

Caution: Obey the local law or regulations when you use your phone's voice recorder to record.

Find the Feature ⬛ > **Voice notes**

Starting to Record

Find the Feature ⬛ > **Voice notes**

	Press	To
1	OK	record
2	STOP ⬜	stop recording, if necessary
3	keypad keys	enter the name of the voice note
4	OK ⬜	save the voice note

Playing a Voice Note

To turn on your phone's speaker:

Find the Feature ⬛ > **Voice notes**

	Press	To
1	⬤	scroll to any voice note

	Press	To
2	⬛	open the options menu
3	(⬆⬇)	scroll to **Speaker setting**
4	ON ⬜	turn on your phone's speaker

To play a voice note:

Find the Feature   ⬛ > **Voice notes**

	Press	To
1	(⬆⬇)	scroll to the desired voice note
2	⬛	open the options menu
3	(⬆⬇)	scroll to **Playback**
4	🆗	play the selected voice note
5	STOP ⬜	stop playing the selected voice note, if necessary

Turning Off Your Phone's Voice Recorder

Press	To
⬀	turn off your phone's voice recorder

Renaming a Voice Note

Find the Feature ⬚⬚ > **Voice notes**

	Press	To
1	⊙	scroll to the desired voice note
2	⬚⬚	open the options menu
3	⊙	scroll to **Rename**
4	⊙K	select **Rename**
5	keypad keys	enter a new name
6	**OK** ⬚	save the setting

Deleting a Voice Note

Find the Feature ⬚⬚ > **Voice notes**

	Press	To
1	⊙	scroll to the desired voice note
2	⬚⬚	open the options menu
3	⊙	scroll to **Delete**
4	⊙K	select **Delete**
5	⊙K	delete the selected voice note

Deleting All Voice Notes

Find the Feature [≡] > **Voice notes**

	Press	To
1	(scroll pad)	scroll to any voice note
2	[≡]	open the options menu
3	(scroll pad)	scroll to **Delete all**
4	OK	select **Delete all**
5	OK	delete all voice notes

Sending a Voice Note

Find the Feature [≡] > **Voice notes**

To send by a phone number:

	Press	To
1	(scroll pad)	scroll to the desired voice note
2	[≡]	open the options menu
3	(scroll pad)	scroll to **Send in message** or **Send**
4	OK	select **Send in message** or **Send**
5	keypad keys	enter your message
6	SEND	select **SEND**

Personal Organizer Features

	Press	**To**
7	P.BOOK ⬜	open your phonebook
8	⬖	scroll to the desired entry
9	OK	select the entry
10	⬖	scroll to the desired phone number
11	OK	select the phone number
12	BACK ⬜	return to the previous menu **Tip:** Repeat steps 8-12 to add other recipients.
13	BACK ⬜	return to the previous menu
14	⬛	open the options menu
15	⬖	scroll to **Send**
16	OK	send the selected voice note with your message

To send by an e-mail address:

	Press	**To**
1	⬖	scroll to the desired voice note
2	⬛	open the options menu
3	⬖	scroll to **Send in message** or **Send**

	Press	**To**
4	🆗	select **Send in message** or **Send**
5	keypad keys	enter your message
6	**SEND** ⎯	select **SEND**
7	▭	open the options menu
8	⊙	scroll to **New e-mail address**
9	🆗	select **New e-mail address**
10	keypad keys	enter the e-mail address
11	🆗	add the e-mail address to the **Recipients** box **Tip:** Repeat steps 7-11 to add other recipients.
12	▭	open the options menu
13	⊙	scroll to **Send**
14	🆗	send the selected voice note with your message

Checking a Voice Note

Find the Feature　　　▭ > **Voice notes**

	Press	**To**
1	⊙	scroll to the desired voice note
2	▭	open the options menu

	Press	To
3	⟨⟩	scroll to **Details**
4	OK	read the details about the selected voice note

Sorting Voice Notes

Find the Feature ⬚ > **Media center** > **Voice notes**

	Press	To
1	⟨⟩	scroll to any voice note
2	⬚	open the options menu
3	⟨⟩	scroll to **Sort files**
4	OK	select **Sort files**
5	⟨⟩	scroll to the desired option
6	OK	sort voice notes by the selected option

Security

Locking and Unlocking the Keypads

You can lock and unlock the keypads, if necessary.

Locking the Keypads Manually

Find the Feature $\boxed{\bar{\bar{}}}$ > Settings > Key lock
> Lock now

Unlocking the Keypads

In the idle display:

Press	To
OK and ⟨*⟩	unlock the keypads

Setting the Keypads to Lock Automatically

To lock the keypads when no activity occurs in 20 seconds:

Find the Feature $\boxed{\bar{\bar{}}}$ > Settings > Key lock
> Auto

Setting Security Codes

You can block other people from using your phone.

Find the Feature   ⌷ > **Settings** > **Security** > **Code status**

Changing Security Codes

Find the Feature   ⌷ > **Settings** > **Security** > **Change code**

Setting a Closed User Group

You can set a user group that is able to call you and receive your calls.

Tip: Scroll to **Preset** to use the default user group you subscribed to your service provider.

Tip: Scroll to **On** to set the number of the user group.

Find the Feature   ⌷ > **Settings** > **Security** > **Closed user group**

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Playing a Game

Find the Feature ⬚ > Games

Managing Photo Folders

Find the Feature ⬚ > Media center
> Photo album

Drawing a Picture

You can specify the following settings:

- background image (selected from **Photo Album**, **Picture**, or **Animation**)

- pen mode

- pen color

- pen size

- pen step

- canvas size

Refer to the following procedures to draw a picture.

Beginning a Picture

On a canvas:

	Press	**To**
1	(navigation key)	move the cursor to the desired direction
	or	
	number keys	
2	OK	draw or remove a dot/line
	or	
	5•JKL	

Zooming In/Out on a Picture

On a canvas:

	Press	**To**
1	OPTIONS	open the options menu
	or	
	(key)	
2	(navigation key)	scroll to **Zoom in** or **Zoom out**
3	OK	zoom in or zoom out on a picture

Clearing a Canvas

On a canvas:

	Press	To
1	OPTIONS ⬚	open the options menu
	or	
	⬚	
2	(navigation key)	scroll to **Clear screen**
3	OK	clear a canvas

Saving a Picture

On a canvas:

	Press	To
1	OPTIONS ⬚	open the options menu
	or	
	⬚	
2	(navigation key)	scroll to **Save**
3	OK	select **Save**
4	keypad keys	enter the name
5	OK	save a picture on **Picture** of **Media center**

Composing a Melody

You can change an existing melody or create a new one.

Changing an Existing Melody

Find the Feature $\boxed{\cdots}$ > **Media center**
  > **Melody**

	Press	To
1	(navigation key)	scroll to any melody
2	$\boxed{\cdots}$	open the options menu
3	OK	select **New**
4	OPTIONS $\boxed{-}$	open the options menu
5	OK	select **Open**
6	(navigation key)	scroll to a melody you want to change
7	OK	select the melody
8	OK	insert the selected melody to a staff
9	(navigation key) right/left	move the pointer
10	keypad keys	compose a melody (see below)

Use the following keypad keys to change or create a
melody.

Press	To
$(1_{/{\ast}@})$	insert a C sharp note
(2_{ABC})	insert a D sharp note
(3_{DEF})	insert an E sharp note
(4_{GHI})	insert an F sharp note
$(5_{\cdot JKL})$	insert a G sharp note
(6_{MNO})	insert an A sharp note
(7_{PQRS})	insert a B sharp note
(8_{TUV})	increase the length of a note or rest
(9_{WXYZ})	move a note 1 octave up
$(0+)$	decrease the length of a note or rest
$(\#)$	move a note 1 octave down
$(\ast)$	insert a rest
$(-)$	remove a note or rest
up	move a note up on the staff
down	move a note down on the staff

Creating a New Melody

Find the Feature |≡| > **Media center** > **Melody**

	Press	To
1	(scroll)	scroll to any melody
2	|≡|	open the options menu
3	OK	select **New**
4	(scroll) right/left	move the pointer
5	keypad keys	compose a melody (see page 45)

Setting an Instrument

On a staff:

	Press	To
1	**OPTIONS** —	open the options menu
2	(scroll)	scroll to **Instruments**
3	OK	select **Instruments**
4	(scroll)	scroll to the desired instrument
5	OK	select the instrument
6	(scroll)	scroll to the desired option

Press	**To**
7 ⊙	select the option

Setting a Tempo

On a staff:

Press	**To**
1 OPTIONS ⊏⊐	open the options menu
2 ⟨⌃⌄⟩	scroll to **Tempo**
3 ⊙	select **Tempo**
4 ⟨⌃⌄⟩	scroll to the desired tempo
5 ⊙	select the tempo

Playing a Melody

On a staff:

Press	**To**
1 OPTIONS ⊏⊐	open the options menu
2 ⟨⌃⌄⟩	scroll to **Play**
3 ⊙	play a melody with a selected instrument and tempo

Saving a Melody

On a staff:

	Press	**To**
1	OPTIONS ⊟	open the options menu
2	⟨⟩	scroll to **Save**
3	⊙ĸ	select **Save**
4	keypad keys	enter the name
5	⊙ĸ	save a melody on **Melody** of **Media center**

Clearing a Staff

On a staff:

	Press	**To**
1	OPTIONS ⊟	open the options menu
2	⟨⟩	scroll to **Clear screen**
3	⊙ĸ	clear a staff

Displaying a Multimedia Object

Multimedia objects include photos, pictures, animations, melodies, voice notes, and videos.

To play voice notes, see page 132.

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To play videos, see page 177.

Find the Feature   [≡] > **Media center**
                                     > **Photo album/**
                                     Picture/Animation/Melody

	Press	To
1	◉	scroll to the desired folder, if necessary
2	◉	select the folder, if necessary
3	◉	scroll to the desired object
4	◉	select the object
5	◉	display/play the selected object
6	◉ up/down	zoom in/out on the selected object
		Note: This step is for photos and pictures only.

Deleting Multimedia Objects

Find the Feature   [≡] > **Media center**
                                     > **Photo album/Picture/**
                                     Animation/Melody

	Press	To
1	◉	scroll to the desired folder, if necessary

	Press	To
2	OK	select the folder, if necessary
3	(scroll pad)	scroll to the desired object
4	⬛	open the options menu
5	(scroll pad)	scroll to **Delete** or **Delete all**
6	OK	select **Delete** or **Delete all**
7	OK	confirm your selection

Sending a Multimedia Object

Find the Feature ⬛ > **Media center**
> **Photo album/Picture/**
Animation/Melody

To send by a phone number:

	Press	To
1	(scroll pad)	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	(scroll pad)	scroll to the desired object
4	⬛	open the options menu
5	(scroll pad)	scroll to **Send**

	Press	To
6	⊙K	select **Send**
7	keypad keys	enter your message
8	**SEND** ⌷	select **SEND**
9	**P.BOOK** ⌷	open your phonebook
10	⟨⟩	scroll to the desired entry
11	⊙K	select the entry
12	⟨⟩	scroll to the desired phone number
13	⊙K	select the phone number
14	**BACK** ⌷	return to the previous menu
		Tip: Repeat steps 10-14 to add other recipients.
15	**BACK** ⌷	return to the previous menu
16	⬚	open the options menu
17	⟨⟩	scroll to **Send**
18	⊙K	send the selected object with your message

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To send by an e-mail address:

	Press	To
1	(navigation key)	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	(navigation key)	scroll to the desired object
4	⬜	open the options menu
5	(navigation key)	scroll to **Send**
6	OK	select **Send**
7	keypad keys	enter your message
8	**SEND** ⎯	select **SEND**
9	⬜	open the options menu
10	(navigation key)	scroll to **New e-mail address**
11	OK	select **New e-mail address**
12	keypad keys	enter the e-mail address
13	OK	add the e-mail address to the **Recipients** box **Tip:** Repeat steps 9-13 to add other recipients.
14	⬜	open the options menu
15	(navigation key)	scroll to **Send**

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	Press	**To**
16	OK	send the selected object with your message

Renaming a Multimedia Object

Find the Feature ☰ > **Media center**
                           > **Photo album/Picture/**
                           Animation/Melody

	Press	**To**
1	◉	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	◉	scroll to the desired object
4	☰	open the options menu
5	◉	scroll to **Rename**
6	OK	select **Rename**
7	keypad keys	enter the new name
8	OK	save the new name

Moving a Photo or Picture to Any Photo Folder

Find the Feature ⬜ > **Media center**
> **Photo album/Picture**

	Press	To
1	(navigation)	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	(navigation)	scroll to the desired object
4	⬜	open the options menu
5	(navigation)	scroll to **Move to**
6	OK	select **Move to**
7	(navigation)	scroll to the desired folder
8	OK	move the object to the selected folder

Checking a Multimedia Object

Find the Feature ⬜ > **Media center**
> **Photo album/Picture/ Animation/Melody**

	Press	To
1	(scroll)	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	(scroll)	scroll to the desired object
4	▭	open the options menu
5	(scroll)	scroll to **Details**
6	OK	check the selected object

Sorting Multimedia Objects

Find the Feature ▭ > **Media center** > **Photo album/Picture/ Animation/Melody**

	Press	To
1	(scroll)	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	(scroll)	scroll to any object
4	▭	open the options menu
5	(scroll)	scroll to **Sort files**
6	OK	select **Sort files**

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Press		To
7	(navigation pad)	scroll to the desired option
8	OK	select the option

Editing a Multimedia Message

Use the following touch-ups when editing a multimedia message you want to send or save.

Creating a Page Set

A page set includes an image file (photo/picture/animation/video) and/or a sound file (melody/voice note), with or without text messages (quick note/phone number).

You can find the following types of image files:

photo	at	> **Media center** > **Photo album**
picture	at	> **Media center** > **Picture**
animation	at	> **Media center** > **Animation**
video	at	> **Media center** > **Video**
		or
		> **V. Recorder**

You can find the following types of sound files:

melody	at	> **Media center** > **Melody**

voice note	at	⬚ > **Media center**> **Voice notes**
		or
		⬚ > **Voice notes**

Adding a New Page Set

After creating the 1st page set, you can add new page set(s) to it.

Tip: To add new page set(s), first create a page set (see page 156).

In a current page set:

	Press	To
1	⬚	open the options menu
2	◉	scroll to **Add new page**
3	OK	add a new page
		Tip: Repeat steps 1-3 to add new pages.

Going to a Page Set

You can go to a selected page set when you are in a current 1.

In a current page set:

	Press	To
1	⬚	open the options menu

	Press	To
2	(navigation)	scroll to **Go to...**
3	OK	select **Go to...**
4	(navigation)	scroll to the desired option
5	OK	select the option

Displaying an Object or a Text Message

You can display any object or text message for a current page set.

In a current page set:

	Press	To
1	⬛	open the options menu
2	(navigation)	scroll to **View object**
3	OK	select **View object**
4	(navigation)	scroll to the desired object
5	OK	select the object

Deleting an Object or a Text Message

In a current page set:

	Press	To
1	⬚	open the options menu
2	(scroll)	scroll to **Remove object**
3	OK	select **Remove object**
4	(scroll)	scroll to the desired object
5	OK	select the object
6	OK	delete the selected object

Deleting a Page Set

You can delete a page set, including all objects, text messages, and a page. If there is only 1 page set, you can delete all objects and text messages, not a page from it.

In a current page set (if it is not the only 1):

	Press	To
1	⬚	open the options menu
2	(scroll)	scroll to **Delete page**
3	OK	delete the current page set including all objects, text messages, and a page

In a current page set (if it is the only 1):

	Press	To
1	⬜	open the options menu
2	◉	scroll to **Delete page**
3	OK	delete all objects and text messages, not a page from the current page set

Previewing All Page Sets

In a current page set:

	Press	To
1	⬜	open the options menu
2	◉	scroll to **Preview**
3	OK	select **Preview**
4	◉ right/left	preview the next/previous page set

Playing a Java Game

Find the Feature ⬜ > **Java**

	Press	To
1	◉	scroll to the desired Java game

Press	To
2 ⊙	play the selected Java game

Checking a Java Game

Find the Feature ⬚ **> Java**

Press	To
1 ⬙	scroll to the desired Java game
2 ⬚	open the options menu
3 ⊙	check the selected Java game

Deleting a Java Game

Find the Feature ⬚ **> Java**

Press	To
1 ⬙	scroll to the desired Java game
2 ⬚	open the options menu
3 ⬙	scroll to **Delete**
4 ⊙	select **Delete**
5 ⊙	delete the selected Java game

Setting Java

You can read information on the Java software and set a network connection to play online Java games.

Reading Information on the Java Software

Find the Feature $\boxed{\equiv}$ > Settings > Java settings
> System detail

Setting a Network Connection

Find the Feature $\boxed{\equiv}$ > Settings > Java settings
> Network communication

Setting an IP Address

Find the Feature $\boxed{\equiv}$ > Settings > Java settings
> DNS address

Turning On Your Phone Camera

Caution: Obey the local law or regulations when you use your phone camera to capture images.

You can turn on your phone camera as follows:

Find the Feature $\boxed{\equiv}$ > Camera

Action
Press $\left(\begin{smallmatrix} \cdot \\ \cdot \end{smallmatrix}\right)$ right (the factory-set home key) from the idle display.

Taking and Saving Pictures

Tip: ⟦⟧ (The viewfinder) shows the image area you can capture.

Tip: ▣ indicates you can save the picture you took on the default folder for **Photo album** of **Media center**. The picture is automatically named. To rename it, see page 164. ▤

With your phone's flip open:

	Press	To
1	OK	take pictures
2	OK	save pictures **Tip:** Press ⬅ > OK to abort saving pictures.

With your phone's flip closed:

	Action
1	Press and hold the camera key to take pictures.
2	Open your phone's flip.
3	Press OK to save pictures. **Tip:** Press ⬅ > OK to abort saving pictures.

Naming a New Picture

	Press	To
1	⬛	open the options menu

	Press	To
2	(navigation key)	scroll to **Rename**
3	OK	select **Rename**
4	keypad keys	enter the name
5	OK	save the picture with the name you set

Renaming Your Pictures

You can rename the pictures you took and saved on any folder of **Photo album** of **Media center**.

Find the Feature [☰] > **Media center** > **Photo album**

	Press	To
1	(navigation key)	scroll to the desired folder
2	OK	select the folder
3	(navigation key)	scroll to the desired picture
4	[☰]	open the options menu
5	(navigation key)	scroll to **Rename**
6	OK	select **Rename**
7	keypad keys	enter the name
8	OK	save the name

Rotating a New Picture

	Press	To
1	⬛	open the options menu
2	◉	scroll to **Rotate**
3	OK	select **Rotate**
4	◉	scroll to the desired option
5	OK	select the option
6	OK	save the picture
		Tip: Press ⬅ > OK to abort saving the picture.

Using a New Picture as a Wallpaper Image

	Press	To
1	⬛	open the options menu
2	◉	scroll to **Apply as wallpaper**
3	OK	select **Apply as wallpaper**
4	◉	scroll to **Internal display** or **External display** where you want to display the picture

	Press	To
5	OK	select **Internal display** or **External display**
6	(navigation pad)	scroll to any entry
7	OK	apply the picture as a wallpaper image and save it on the default folder of **Photo album** of **Media center** and on **Wall** ~~**aper**~~ of **Display** or **External Display** of **Settings**

Using a New Picture as a Screen Saver

	Press	To
1	☰	open the options menu
2	(navigation pad)	scroll to **Apply as screen saver**
3	OK	select **Apply as screen saver**
4	(navigation pad)	scroll to **Internal display** or **External display** where you want to display the picture
5	OK	select **Internal display** or **External display**
6	(navigation pad)	scroll to any entry

	Press	To
7	OK	apply the picture as a screen saver image and save it on the default folder of **Photo album** of **Media center** and on **Screen saver** of **Display** or **External Display** of **Settings**

Sending a New Picture

To send a new picture to a phone number:

	Press	To
1	⬜	open the options menu
2	OK	select **Send**
3	keypad keys	enter your message
4	SEND —	select **SEND**
5	P.BOOK —	open your phonebook
6	◉	scroll to the desired entry
7	OK	select the entry
8	◉	scroll to the desired phone number
9	OK	select the phone number
10	BACK —	return to the previous menu **Tip:** Repeat steps 6-10 to add other recipients.

	Press	**To**
11	**BACK** ⬜─	return to the previous menu
12	⬜▬	open the options menu
13	⬉⬊	scroll to **Send**
14	**OK**	send the picture with your message

To send by an e-mail address:

	Press	**To**
1	⬜▬	open the options menu
2	**OK**	select **Send**
3	keypad keys	enter your message
4	**SEND** ⬜─	select **SEND**
5	⬜▬	open the options menu
6	⬉⬊	scroll to **New e-mail address**
7	**OK**	select **New e-mail address**
8	keypad keys	enter the e-mail address
9	**OK**	add the e-mail address to the **Recipients** box **Tip:** Repeat steps 5-9 to add other recipients.
10	⬜▬	open the options menu

Press	To
11 (scroll key)	scroll to **Send**
12 OK	send the picture with your message

Turning Off Your Phone Camera

Press	To
(end key)	turn off your phone camera

Customizing Your Phone Camera

You can customize your phone camera to suit your needs.

Using the Zoom Lens

Tip: (icon) indicates the zoom lens control.

With your phone's flip open:

Press	To
(scroll key) up/down	zoom in/out on your image

With your phone's flip closed:

Press	To
up/down camera key	zoom in/out on your image

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Using the Brightness Control

Tip: ⬆ indicates the brightness control.

Press	To
◉ right/left	increase/decrease brightness of your image

Using the Flash

Tip: 🔲 and ⚡ indicate the flash is turned on.

Tip: 🔲 indicates the flash is turned off.

Press	To
ON/OFF ⬜	turn on/off the flash

Setting Your Picture Resolution

The better resolution your picture has, the more phone memory your picture uses. Your phone camera includes the following picture resolutions:

160x120	This resolution supports **Landscape** 🏔 mode
320x240	This resolution supports **Landscape** 🏔 mode
640x480	This resolution supports **Landscape** 🏔 mode

128x160   This resolution supports

Portrait mode.

	Press	To
1		open the options menu
2	OK	select **Resolution**

Setting Your Picture Quality

The better quality your picture has, the more phone memory your picture uses. Your phone camera includes the following picture qualities:

Fine provides best quality.

Normal provides regular quality.

Basic provides poor quality.

	Press	To
1		open the options menu
2		scroll to **Quality**
3	OK	select **Quality**

Framing Your Picture

Your phone camera provides picture frames for you to choose from.

	Press	To
1	▣	open the options menu
2	◉	scroll to **Frame**
3	ⓞⓚ	select **Frame**
4	ⓞⓚ	select **On**
5	◉	scroll to the desired frame
6	ⓞⓚ	select the frame
7	ⓞⓚ	prepare to capture images

Setting the Twilight Mode

You can turn on or turn off your phone camera's twilight mode.

Tip: 🔅 indicates the twilight mode is turned on.

	Press	To
1	▣	open the options menu
2	◉	scroll to **Twilight mode**
3	**ON/OFF** ▢	turn on/off the twilight mode

Press	To
4 OK	prepare to capture images

Setting the Self Timer

You can turn on or turn off your phone camera's self timer. If you turn it on, your phone camera captures images 10 seconds after you press OK .

Tip: 🖐 indicates the self timer is turned on.

	Press	To
1	⬜	open the options menu
2	◉	scroll to **Self timer**
3	ON/OFF ⬜	turn on/off the self timer
4	OK	prepare to capture images
5	OK	take pictures in 10 seconds
6	OK	save pictures

Setting the Shutter Sound

You can turn on or turn off your phone camera's shutter sound.

	Press	To
1	⬜	open the options menu

	Press	To
2	(navigation key)	scroll to **Shutter sound**
3	**ON/OFF** —	turn on/off the shutter sound
4	**OK**	prepare to capture images

Setting the White Balance

Your phone camera includes 4 modes for taking pictures:

Auto △ indicates your phone camera will adjust itself to the environment where you want to capture images.

Sunlight ☀ indicates you want to capture images outdoors on a sunny day.

Fluorescent ♣ indicates you want to capture images in a room with fluorescent lighting.

Incandescent ⊟ indicates you want to capture images under incandescent light.

	Press	To
1	(menu key)	open the options menu
2	(navigation key)	scroll to **White balance**
3	**OK**	select **White balance**

	Press	**To**
4	⊙	scroll to the desired mode
5	OK	select the mode
6	BACK ⊏	return to the previous menu
7	BACK ⊏	prepare to capture images

Checking Pictures

You can check the pictures you took and saved on **Photo album** of **Media center**.

	Press	**To**
1	▭	open the options menu
2	⊙	scroll to **Photo album**
3	OK	select **Photo album**
4	⊙	scroll to the desired folder
5	OK	select the folder
6	⊙	scroll to the desired picture
7	OK	select the picture
8	OK	view the selected picture
9	BACK ⊏	return to the previous menu

Press	To
10 BACK ▭	return to the previous menu
11 BACK ▭	return to the previous menu
12 BACK ▭	return to the previous menu
13 BACK ▭	prepare to capture images

Turning On Your Phone's Video Recorder

You can use your phone's video recorder to record up to 0 seconds of video.

Caution: Obey the local law or regulations when you use your phone's video recorder to record.

You can turn on your phone's video recorder as follows:

Find the Feature $\boxed{\text{\ i\ }}$ > **V. Recorder**

Find the Feature $\boxed{\text{\ i\ }}$ > **Media center**
> **Video**

Beginning to Record

Find the Feature $\boxed{\text{\ i\ }}$ > **V. Recorder**

Press	To
1 OK	record
2 OK	abort recording, if necessary

	Press	To
3	OK	prepare to save the video
4	keypad keys	enter the name of the video
5	OK	save the video

Playing a Video

Find the Feature   ⬚ > V. Recorder

	Press	To
1	⬚	open the options menu
2	OK	select Open
3	(•)	scroll to the desired video
4	OK	play the selected video
5	OK	stop playing the selected video, if necessary

Turning Off Your Phone's Video Recorder

Press	To
⬚	turn off your phone's video recorder

Renaming a Video

Find the Feature ⬚ > **V. Recorder** 📝

	Press	To
1	⬚	open the options menu
2	OK	select **Open**
3	⊙	scroll to the desired video
4	⬚	open the options menu
5	⊙	scroll to **Rename**
6	OK	select **Rename**
7	keypad keys	enter the name
8	OK	save the name

Deleting Videos

Find the Feature ⬚ > **V. Recorder** 📝

	Press	To
1	⬚	open the options menu
2	OK	select **Open**
3	⊙	scroll to the desired video
4	⬚	open the options menu

	Press	**To**
5	(scroll)	scroll to **Delete** or **Delete all**
6	OK	select **Delete** or **Delete all**
7	OK	confirm your selection

Sending a Video

Find the Feature   ⬜️ > **V. Recorder** 📝

To send by a phone number:

	Press	**To**
1	⬜️	open the options menu
2	OK	select **Open**
3	(scroll)	scroll to the desired video
4	⬜️	open the options menu
5	(scroll)	scroll to **Send**
6	OK	select **Send**
7	keypad keys	enter your message
8	**SEND** ⎯	select **SEND**
9	**P.BOOK** ⎯	open your phonebook
10	(scroll)	scroll to the desired entry

	Press	To
11	OK	select the entry
12	(scroll)	scroll to the desired phone number
13	OK	select the phone number
14	BACK ⌐—	return to the previous menu
		Tip: Repeat steps 10-14 to add other recipients.
15	BACK ⌐—	return to the previous menu
16	⌐⊤⌐	open the options menu
17	(scroll)	scroll to **Send**
18	OK	send the selected video with your message

To send by an e-mail address:

	Press	To
1	⌐⊤⌐	open the options menu
2	OK	select **Open**
3	(scroll)	scroll to the desired video
4	⌐⊤⌐	open the options menu
5	(scroll)	scroll to **Send**

	Press	**To**
6	⊙κ	select **Send**
7	keypad keys	enter your message
8	**SEND** ⟋⟍	select **SEND**
9	⟋￣⟍	open the options menu
10	◉	scroll to **New e-mail address**
11	⊙κ	select **New e-mail address**
12	keypad keys	enter the e-mail address
13	⊙κ	add the e-mail address to the **Recipients** box

Tip: Repeat steps 9-13 to add other recipients. |
14	⟋￣⟍	open the options menu
15	◉	scroll to **Send**
16	⊙κ	send the selected video with your message

Checking a Video

Find the Feature   ⟋￣⟍ > **V. Recorder**

	Press	**To**
1	⟋￣⟍	open the options menu
2	⊙κ	select **Open**

	Press	**To**
3	(navigation)	scroll to the desired video
4	(menu key)	open the options menu
5	(navigation)	scroll to **Details**
6	OK	read the details about the selected video

Sorting Videos

Find the Feature   (menu key) > **V. Recorder**

	Press	**To**
1	(menu key)	open the options menu
2	OK	select **Open**
3	(navigation)	scroll to any video
4	(menu key)	open the options menu
5	(navigation)	scroll to **Sort files**
6	OK	select **Sort files**
7	(navigation)	scroll to the desired option
8	OK	sort videos by the selected option

Setting a Network Profile

Your service provider may select a network profile, including the service provider and connection settings, before you receive your phone.

You can use the default network profile or customize it. You can also select another network profile and even create a new one.

Find the Feature $\boxed{\equiv}$ > Msg. center > Settings
> Multimedia msgs.
> Connection settings
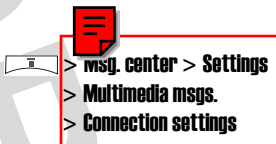
Connecting to the Internet

You can set your phone to connect to a network profile's homepage, a bookmark, or a URL address.

After establishing a network connection, refer to the following instructions to select an option, return to the last page, and end the network connection.

To select an option:

	Press	To
1	(navigation key)	scroll to the desired option
2	OK	select the option
	or	
	$\boxed{\equiv}$ > OK	

To return to the last page:

Press	To
BACK ⌐	return to the last page

To end the network connection:

Press	To
✎	end the network connection

	Press	To
1	⎅	open the options menu
2	⊙	scroll to **Exit**
3	OK	end the network connection

Connecting to a Network Profile's Homepage

After selecting and turning on a network profile, you can set your phone to connect to this network profile's homepage.

Find the Feature ⎅ > Browser > Home

Connecting to a Bookmark

You can set your phone to connect to a factory-set or self-created bookmark.

Find the Feature   ⬒ > **Browser** > **Bookmark**

	Press	**To**
1	(navigation keys)	scroll to the desired bookmark
2	ⓄⓀ	select the bookmark
3	ⓄⓀ	connect to the selected bookmark

Connecting to a URL Address

Find the Feature   ⬒ > **Browser** > **Go to address**

	Press	**To**
1	keypad keys	enter the URL address
2	ⓄⓀ	connect to the URL address

Setting a Bookmark

You can create, edit, and erase a bookmark.

Note: To connect to a bookmark, see page 185.

Find the Feature   ⬒ > **Browser** > **Bookmark**

Downloading Multimedia Objects

You can download multimedia objects, such as pictures, ring tones, and animations from the Internet.

Find the Feature $\boxed{\equiv}$ > Media center
> Download media

Setting Display Style

Find the Feature $\boxed{\equiv}$ > Browser
> Appearance settings

Allowing or Rejecting Cookies

Find the Feature $\boxed{\equiv}$ > Browser
> Download settings

Removing Files from Your Phone's Cache Memory

Find the Feature $\boxed{\equiv}$ > Browser > Clear the cache

Reading Your Service Provider's Messages

Find the Feature $\boxed{\equiv}$ > Browser > Service Inbox

	Press	To
1	(scroll)	scroll to the desired message
2	OK	read the selected message

Reading Certificates

Find the Feature $\square$ > Browser > Certificates

Troubleshooting

Check these questions first if your phone does not seem to work properly. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (USA) or 1-800-461-4575 (Canada).

Question	Answer
Is your battery charged?	The battery level indicator should have at least 1 segment showing. If it does not, recharge your battery (see page 23).
Have you installed a valid SIM card?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card (see page 22).
Does the phone have a signal?	The signal strength indicator should have at least 1 segment showing. If it does not, move to an area with a stronger signal.
Is the other party unable to hear you?	Your phone may be muted. If necessary, press **OPTIONS** ⎯ > **Unmute** to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.

Question	Answer
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover these types of damages.
Was a non-Motorola battery or battery charger used?	

The following refer to specific symptoms:

Symptom	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	Contact your service provider.
I pressed the power key, but nothing happened.	Be sure to press and hold ⬚ (the power key) until you see the welcome display and an alert sounds. This could take several seconds. If nothing happens, check that a charged battery is installed (see page 22).

Symptom	Solution
The display shows: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see page 22).
The display shows: SIM Blocked. How do I unblock my SIM card?	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN Unblocking Key (PUK) code (see page 41).
The display shows: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).
My phone prompts for an unlock code when I try to open a feature.	The feature you want is locked. If you do not know the unlock code, see page 41.

Symptom	Solution
My phone does not ring.	The ringer may be set to **Silence** even though your phone is set to an audible ring style. To turn off **Silence**, press $\boxed{\#}$ from the idle display. To set an audible ring style, see page 105.
I tried to place a call and heard an alternating high/ low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before placing a call.
I cannot send/ receive calls.	Make sure that you have a phone signal (the signal strength indicator should have at least one segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.
	Your phone also may have the **Call barring** feature turned on. If you know the unlock code, you can change this setting in the call barring menu ($\boxed{}$ > **Settings** > **Call feature** > **Call barring**).
	Also, check to be sure your SIM card is installed and working.

Troubleshooting

Symptom	Solution
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged.
	Also, make sure you have a phone signal (the signal strength indicator should have at least one segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.
I cannot hear others on my phone.	While on a call, press the up in-call volume key. Your phone display should show the volume increasing.
	Also, make sure that your phone's earpiece is not blocked by its carrying case.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received:
	▣ > **Recent calls** > **Received calls** or **Dialed calls**
My phone's display is too dark.	Use the **Adjust contrast** feature to change the level of contrast in your display (see page 43).
	You can also use the **Backlight** feature to change the length of time that the display backlight stays on (see page 43).

Symptom	Solution
My phone's battery charge doesn't last as long as I expected. What can I do to extend battery life?	Battery performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 24.
I am unable to record a voice note, voice name, or voice shortcut	Try moving to a quieter location to make your voice recording. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.
I launched the micro-browser but the display shows: Network Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display shows: Server Not Responding.	Try again in a few minutes. The servers may be temporarily busy.

Specific Absorption Rate Data

This model phone meets the international standards for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.[1] Tests for SAR are conducted in accordance with CENELEC[2] testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is _____ W/kg.[3]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this

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product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

1. The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.

2. CENELEC is a European Union standards body.

3. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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