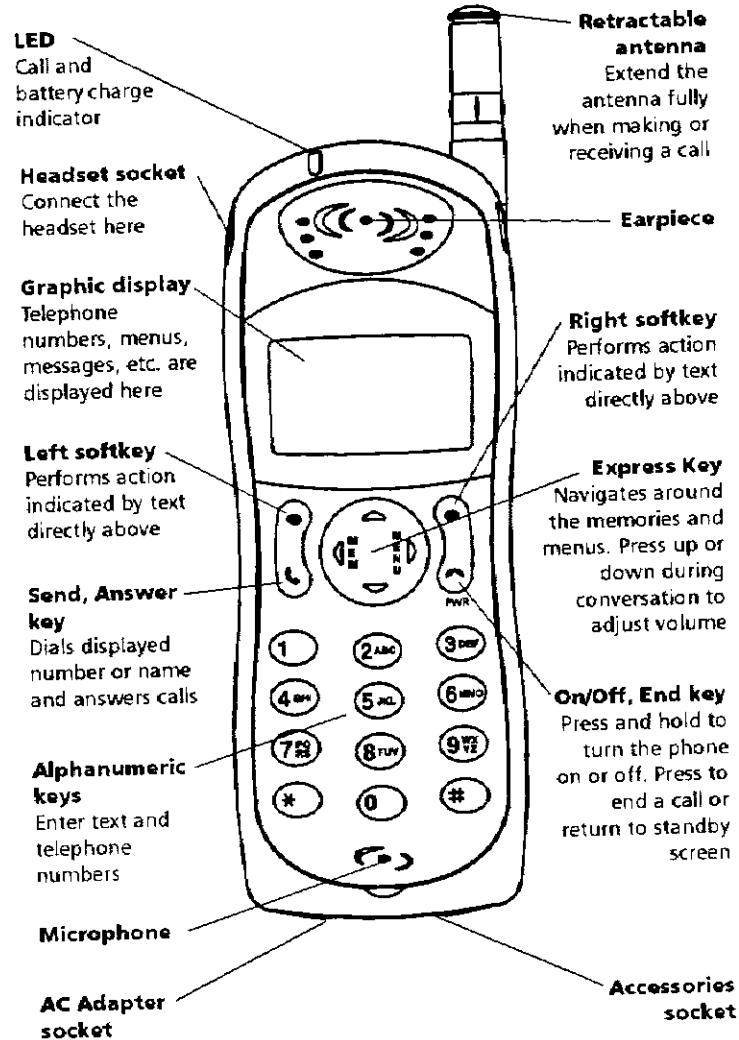# TABLE OF CONTENTS

T300 KEYPAD LAYOUT

KEY ACTIONS

Softkeys or selection keys	Perform the actions indicated by the text above it.
End, On/Off key	Press and hold to turn the phone on or off. Press to end a call. Press while in menus to go back to the standby screen.
Send key	Press to make or answer a call. Press in standby screen recalls last dialed numbers.
Express Key	Press left to view Phone Book entries or return to previous display. Press right to enter main menu and/or select a feature from list. In conversation, press up or down to adjust volume. Press up or down to scroll up/down the menus. In standby, press up or down to enter volume control menu. Moves the cursor through the displayed text when editing.
Alphanumeric keys, 0 - 9, *, #	Enters numbers, characters and punctuation marks. ① key. Press and hold to call the voice mail number. ② to ⑨ keys. Press and hold to speed dial preset numbers. ⓧ key. Press and hold to enter 'P' symbol and 'SP' symbol. Press to toggle between upper and lower case text. ⓘ key. Use with keypad lock softkey to lock/unlock the keypad. Press and hold to view special characters.

T300 PHONE OVERVIEW

LED
Call and
battery charge
indicator

Headset socket
Connect the
headset here

Graphic display
Telephone
numbers, menus,
messages, etc. are
displayed here

Left softkey
Performs action
indicated by text
directly above

**Send, Answer
key**
Dials displayed
number or name
and answers calls

**Alphanumeric
keys**
Enter text and
telephone
numbers

Microphone

**AC Adapter
socket**

**Retractable
antenna**
Extend the
antenna fully
when making or
receiving a call

Earpiece

Right softkey
Performs action
indicated by text
directly above

Express Key
Navigates around
the memories and
menus. Press up or
down during
conversation to
adjust volume

On/Off, End key
Press and hold to
turn the phone
on or off. Press to
end a call or
return to standby
screen

**Accessories
socket**

USING THIS GUIDE

Your dual band/dual mode T300 phone operates on PCS 800 MHz digital/analog and 1900 MHz digital networks. Digital systems provide improved voice quality as well as security and privacy. Dual mode means that if you travel to an area without digital service, your phone will transfer to an analog system with no gap in your connection.

Certain features included in this guide called Network Services are supplied by wireless service providers. Before you can activate or use any of these Network Services, you must subscribe to the services from your home service provider. For a full list and explanation of Network Services, please ask your service provider.

One of the most versatile features of the T300 phone are the softkey functions. They provide immediate access to the actions you are most likely to do next, depending on what you are currently doing. If you are on a call, the Options softkey brings you directly to options such as muting the microphone or entering DTMF tones without fumbling through menus. Softkey actions and labels change with each new screen.

KEY SYMBOLS

When these symbols appear in this guide, it indicates that the corresponding key is to be pressed.

⋒	Left softkey	⨀	Right arrow on Express Key
⋒	Right softkey	⨀	Left arrow on Express Key
⟲	SEND key	⨀	Up arrow on Express Key
⟲	END/Power key	⨀	Down arrow on Express Key

Store ⋒   Softkeys control the action or function displayed on the screen above. Press the softkey below the term to perform that action. For example, **Store** ⋒ means press the softkey under the word **Store**. Softkey actions and labels change with each new screen.

Select   Use ⨀ and ⨀ to scroll to the desired item in the menu and choose by pressing ⨀.
For example, select **Phone Book** means scroll to the menu item **Phone Book** and choose by pressing ⨀.

4

DISPLAY ICONS

The display screen shows pictures, icons, numbers, text and animations.

```
..ll▯                    ▭
      Mitsubishi
   Thu, Jan. 20, 2000
       10:45 am
  Quiet        KeyLock
```
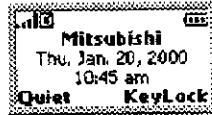
Display screen in standby mode

Icon	Item	Description
..ll	Signal Strength Level	Four levels indicate the strength of the received signal from network on which phone is currently registered. If no network is available, the icon does not appear
▯	Digital	Digital network available. If not displayed, phone is operating on analog network
Rℝ	Roaming	Phone is logged on to a network other than its home network
Pᵥ	Private System	Phone is accessing a private or residential network
📞	Unanswered Call	Incoming call is missed (unanswered)
℮	Voice Mail	PCS voice mail message has been received and stored. Must be offered by service provider and subscription purchased
✉	Short Message Service (SMS) or Text Message	PCS text message has been received and stored. Must be offered by service provider and subscription purchased
✉	SMS message bank is full	SMS message bank is full and cannot store new messages
🔒	Keypad Lock	Keypad lock is activated
🔕	Quiet Mode	Instantly silences ringer, keypad tones, and alert tones

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🔇	Mute	Microphone is muted during conversation
🔕	Silent Mode	Incoming ring tone is turned off
📳	Vibe Mode	Vibrate alert set for incoming call
🔤	Text Mode Upper Case	Upper case text can be entered
🔡	Text Mode Lower Case	Lower case text can be entered
🔋	Battery Level	Three levels indicate the battery charge level; low, medium, high
🔋	Low Battery	Flashes when the battery is nearly empty
↕	Scroll arrows	More menu items can be displayed if ☺ or ☻ are pressed
🔑	Conversation Mode	Currently connected to call
🔑	Voice Privacy Off	Voice Privacy is not supported by current network connection - usually analog channels

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Getting Started

Attaching the Battery

1 Position the battery onto the phone as shown.
2 Push down the opposite end of the battery onto the phone until the battery catch "clicks" shut.
    Check that the battery is securely in place.

① ② Battery catch
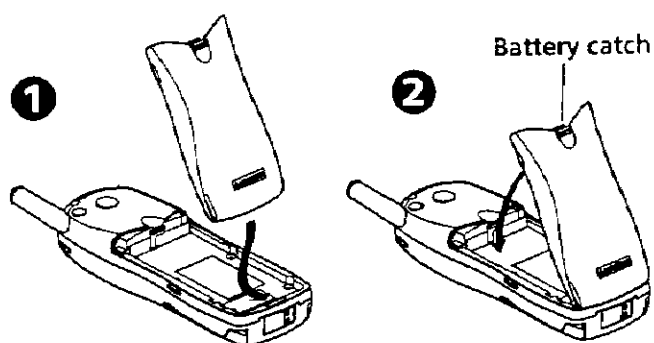
Charging the Battery

Note: The battery must be fully charged before using the phone for the first time. To reach full capacity, charge and discharge the new battery three times before use. To charge the battery, follow procedure below. To fully discharge the battery, leave the phone on until you hear a warning tone and the **Low Battery!** *warning appears.*

Connect the AC Adapter to the phone as shown.

When the phone is off, battery charging is indicated by **Charging...** message. The LED light will be red. When charging is finished, **Battery Full!** displays and the LED light will change to green.

When the phone is on, charging is indicated by the battery icon flashing 1-2-3 bars continuously. When charging is completed, the battery icon will show three solid bars. If a call is received during charging, the LED light will flash green rapidly.

If the phone is used while charging, the charging time will be longer.

BATTERY CHARGING TIMES

Approximate battery recharging time using the AC Rapid Charging Adapter:

Battery	Type	Charging time
1050 mAh Lithium Ion	Standard	3 hours
1400 mAh Lithium Ion	Extended Life	3 hours

BATTERY USE TIMES   INCLUDE?

LOW BATTERY WARNING

When the battery power falls to its lowest level, the message **Low Battery!** displays and a low battery warning tone sounds.

If you are on a call, end the call and turn off the phone by pressing and holding down ⬅. Recharge the battery as described or replace it with a charged one.

Low
Battery!

Exit

8
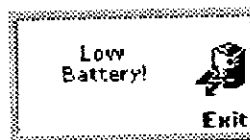
REMOVING THE BATTERY

1. Turn the phone off. Push up and hold the battery catch.
2. Lift the end of the battery up and away from the catch and the phone. Release the catch.

Battery catch
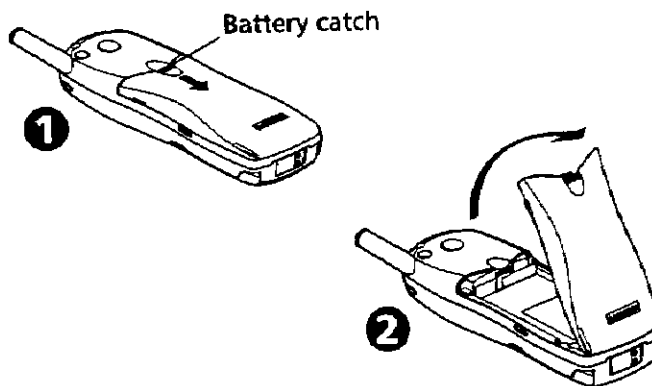
BATTERY USE AND SAFETY INFORMATION

When the operating time (standby and talk time) is noticeably shorter than normal, it is time to buy a new battery.

- It is normal for batteries to become warm during charging.
- Do not leave batteries connected to a charger longer than necessary, overcharging will shorten battery life. **True for Lithium Ion?**
- Disconnect battery chargers from the power source when not in use.
- Do not leave the phone in a closed car during hot summer or cold winter conditions. The phone may temporarily not work with a hot or cold battery.
- Batteries may explode if discarded into a fire.
- Avoid putting the batteries into contact with metal objects which may short circuit the battery terminals (e.g. keys, paper clips, coins, chains etc).
- Do not drop or subject the batteries to strong physical shocks.
- If the battery terminals become soiled, clean them with a soft cloth.
- Old batteries must be returned to the place of purchase or to a battery recycling center. Do not dispose of old batteries together with household waste.

CHANGING THE FACEPLATE

Before changing the faceplate always turn off the phone and disconnect from any charging device or car kit.

REMOVING THE FACEPLATE

1. Insert a small blunt instrument, such as a paper clip, into the slot provided and gently but firmly lift up one end of the faceplate.
2. Take hold of the raised end of the faceplate and carefully pull up, unclipping it from the phone. Gently slide the faceplate downward. The faceplate will unhook from the phone and lift away.
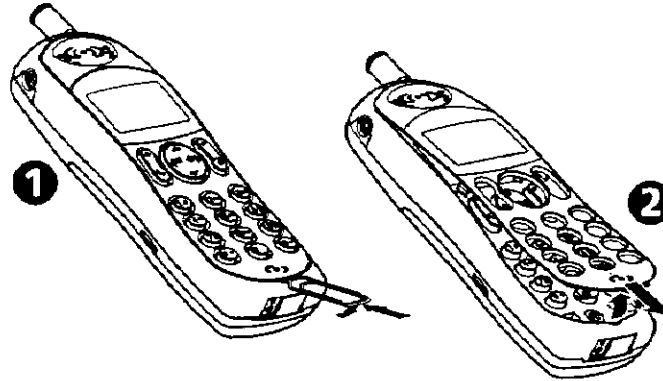
REPLACING THE FACEPLATE

1 Place the front faceplate hooks into the hook slots at the top of the phone.
2 Slide gently upward.
3 Press the faceplate down firmly, clipping it into position.

Hooks

Hook slots

Clips
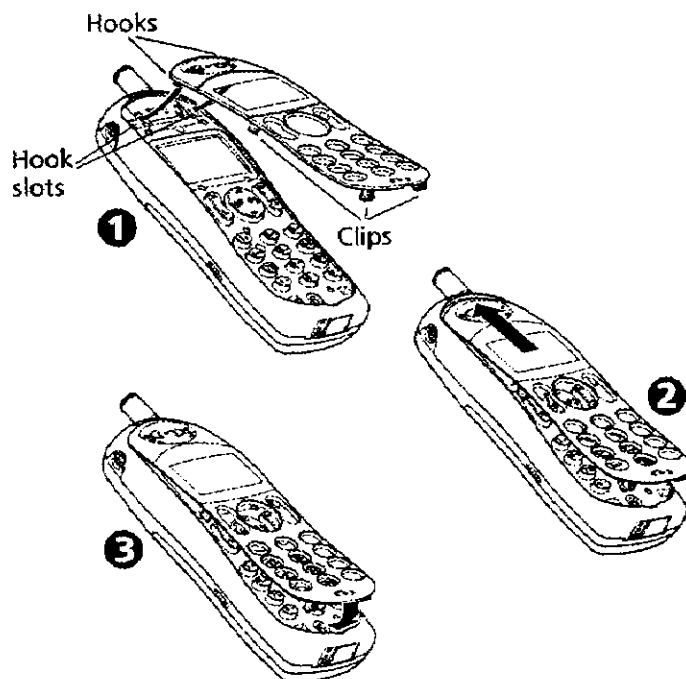
Do not use excessive force when changing the faceplate.

Avoid bending the faceplate.

Do not leave in direct sunlight.

Always use the phone with the faceplate attached.

Do not clean the phone with alcohol, strong chemicals or solvents. Wipe it only with a soft, slightly dampened cloth. Read the **Care and Maintenance** instructions on page 19.

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BASIC PHONE OPERATIONS

TURNING ON THE PHONE

1   Press and hold ⟨▬⟩. A picture animation displays and a
    turn-on tone sounds.

2   If the phone is locked, **Phone Locked** will display. Enter the
    3-digit Lock Code.

> See pages 46 and 56 for more details on Lock Codes.

STANDBY SCREEN

When you turn on your phone, a picture animation displays and a
turn-on tone sounds, then the name of the network and/or service
provider appears. Signal strength, battery level and Digital System (if
available) icons appear. The **Quiet** and **KeyLock** softkey functions
appear as well.

```
.il🖾                     🖾
         Mitsubishi
      Thu. Jan. 20, 2000
          10:45 am
    Quiet       KeyLock
```
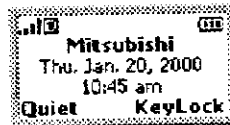
Standby Screen example

Press ⟨●⟩ to go to your Phone Book (see page 36).

Press ⟨◐⟩ to go to the phone Main Menu (see page 27).

Press ⟨⊙⟩ to go to volume control (see page 23).

To set time and date, see page 45.

MAKING A CALL

1   Enter the telephone number you wish to dial.
    Correct any mistakes by pressing **Clear** ⟨▬⟩. Press and hold
    this key to erase the entire entry.

2   Press ⟨📞⟩ to dial (send) the number.

> Extend the antenna fully when calling for best results.

To store the dialed number in the Phone Book, press **Store** ⟨●⟩ before
pressing ⟨📞⟩ to connect the call.

While the call is connecting, the dialed number displays. If the number
matches a Phone Book entry, the name displays instead of the number.
After connecting, the call timer displays.

If the call does not connect and Auto Redial is activated, the phone will
attempt to dial again (see page 39 for details).

MUTING

While talking, to mute the microphone, press **Mute** softkey. On the screen, the ⊕ icon appears. To turn the microphone back on, press **UnMute** softkey.

VOLUME ADJUSTMENT

During a call, press ⊙ or ⊙ to adjust your caller's voice. Press and hold to continuously increase or decrease volume. The normal conversation screen returns after 3 seconds or press the right softkey.

CONVERSATION OPTIONS

While talking, press **Options** softkey to send **AutoDTMF** tones, use the **Silent Scratch** pad, or **Mute** the microphone. Press ⊙ to access the Main Menu. If offered by your service provider, press ⎘ to send a hook-flash request. See **Conversation Options** on page 22 for details.

ANSWERING A CALL

The ringer alerts you to an incoming call and the LED light flashes green. The caller's name and number are displayed if they are stored in your Phone Book. Press the right softkey to mute ring tone.

To answer the call,

Press ⎘ or any key **except** End key or the softkeys.

QUIET MODE

The **Quiet** softkey allows you to silence the ringer, turn off DTMF touch tones, and silence any Alert tones with one touch of a key. Use this when entering a meeting or a theater, for example. See page 22 for details.

ENDING A CALL

Press ⌢ to end a call while in Conversation Mode. If you are in the Menus, the ⌢ key will first exit you to the conversation screen. Press it again to end the call.

KEYPAD LOCK

When Keypad Lock is activated, it prevents accidental key presses or calls being made when the phone is carried in a pocket, briefcase or handbag. Keypad Lock is suspended during incoming calls and resumes when the call ends. Emergency calls can still be made.

To activate Keypad Lock,

> Press **KeyLock** (•) plus (#). The screen will show 🔒

To deactivate Keypad Lock,

> Press **UnLock** (•), then press (#)

TURNING OFF THE PHONE

> Press and hold (◠)

A picture animation displays and a turn-off tone sounds (if Silent Mode is not activated). If the keypad is locked, you must unlock it first before turning off the phone.

NETWORK MESSAGES

A Network Message screen will appear when you have missed an incoming call, received a voice message, or received a text message. An alert tone will also play for voice and text messages. If you do not want to view or hear the message at once, press **Exit** (•) to go to the standby screen. The appropriate icon will remain on top of the screen to remind you.

> **1** To view the message, press **Select** (•).
>
> **2** If more than one Network Message appears, use (◌) to scroll to the desired message type and press **Select** (•) to view the message.

Network Messages
Voice Messages: 1
Select   Exit
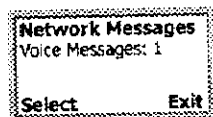
One type of Network Message

Network Messages
Text Messages: 3
Voice Messages: 2
Unanswered: 1
Select   Exit
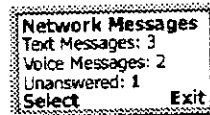
Multiple types of Network Messages

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When any of these icons display on screen, you have missed an incoming call, received a voice message, or received a text message. Follow these actions to pick up your messages.

Icon	Item	Action
🐦	Unanswered Call	Press ⊙, then select **Call History**. Select **Call Logs**. Select **Unanswered Call List**. See Call Logs on page 47 for details.
☎	Voice Mail	Press ① to speed dial your voice mail message center. See page 35 for details.
✉	Text Message	To read the message, press ⊙, then select **Text Messages**. Select **InBox** to display the message header. Press ⊙, then select **Read Message**. See Text Messages on page 31.
✉	Text Message bank is full	Delete at least one old received message to be able to receive new messages. See Managing Text Messages on page 32 for details.

Safety Information

Exposure to Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

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

> *ANSI C95.1 (1992)
> *NCRP Report 86 (1986)
> *ICNIRP (1996)

*American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Your phone has been tested and meets the limits for radio frequency (RF) exposure set by the FCC for normal handheld use next to the ear or worn on the body using a Mitsubishi brand belt clip accessory specified for this phone, and used as intended. Operation of the phone in other situations such as in shirt pockets or non-Mitsubishi brand belt clips or holsters, or operation with the back of the phone closer than 13 mm (0.51") to the body, have not been tested. Therefore operation of the phone in non-tested situations may not meet the limits for RF exposure set by the FCC and must be avoided.

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

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EFFICIENT OPERATION: For your phone to operate most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

DRIVING

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

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

ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON
- Should not carry the phone in a breast pocket
- Should use the ear opposite the pacemaker to minimize the potential for interference
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately

Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately

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shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

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

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

AIRCRAFT
FCC regulations prohibit using your phone while in the air.
Switch OFF your phone before boarding an aircraft.

BLASTING AREAS
To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted "Turn off two-way radio." Obey all signs and instructions.

POTENTIALLY EXPLOSIVE AREAS
Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

FOR VEHICLES EQUIPPED WITH AIR BAGS
An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

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CARE AND MAINTENANCE

This telephone is the product of advanced engineering, design and craftsmanship and should be treated with care. The suggestions below will help you to enjoy this product for many years.

- Do not expose the phone to any extreme environment where the temperature or humidity is high.
- Do not expose or store in cold temperatures. When the phone warms up after power on, to its normal temperature, moisture can form inside where it may damage the electrical parts.
- Do not attempt to disassemble the phone. There are no serviceable parts inside that you can replace.
- Do not expose the phone to water, rain or liquids. It is not water-proof.
- Do not abuse this phone by dropping, knocking or violent shaking. Rough handling can damage it.
- Do not clean the phone with strong chemicals or solvents. Wipe it only with a soft, slightly dampened cloth.
- Do not place the telephone near computer discs, credit or travel cards or other magnetic media. The information contained on discs or cards may be affected by the phone.
- Do not connect incompatible products. The use of third party equipment or accessories, not made or authorized by Mitsubishi Wireless Communications Inc., may invalidate the warranty of your phone and may be a safety risk.
- Do not remove the labels. The numbers on it are important for service and other related purposes.
- Contact an authorized service center if a defect is noticed.

GENERAL FEATURES

DIALING STORED NUMBERS

Any number stored in the phone's memory can be recalled to the display and dialed.

...from the Phone Book

1 Press ⊙ to enter the Phone Book list.
2 Press ⊙ or ⊙ to scroll to the desired number.
3 Press ⊙ to dial the number.

> See Phone Book, page 36.

...from the Last Numbers Dialed List

The last 10 numbers you have dialed are stored in the Call Logs.

1 Press ⊙ to display the Last Numbers Dialed list.
2 Press ⊙ or ⊙ to scroll to the desired number.
3 Press ⊙ to dial the number.

...from the Call Logs List

The last 10 numbers dialed, the last 10 received call numbers, and the last 10 unanswered call numbers are stored in the Call Logs.

1 Press ⊙ to enter the Main Menu. Select **Call History**.
2 Select **Call Logs**.
3 Select **Last Dialed Numbers, Received Call List,** or **Unanswered Call List**.
4 Press ⊙ or ⊙ to scroll to the desired number.
5 Press ⊙ to dial the number.

...from SMS text messages

The call-back number on an SMS message header or a phone number included within an SMS message can be dialed directly.

1 Press ⊙ to enter the Main Menu. Select **Text Messages**.
2 Select **InBox**.
3 Press ⊙ or ⊙ to scroll to the desired message header.
4 Press and hold ⊙ to dial the number.

> See Text Messages, page 31.

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...from the Memo Pad

1 Press 🕳 to enter the Main Menu. Select **Office Tools**.
2 Select **Memo Pad**, then select **Read Memos**.
3 Press ⊙ or ⊙ to scroll to the desired memo entry.
4 Press and hold 🕳 to dial the number.

> See Memo Pad, page 53.

SPEED DIALING

Speed dialing is an easy way to dial stored numbers. You can choose up to 8 numbers and names for speed dial on your phone with two exceptions: Key 1 is fixed as the Voice Mail Center number and Key 9 will dial an emergency number.

Use either of the following two methods.

1 Press and hold the digit key; or
2 Press the digit key, then press 🕳

> See Speed Dialing on page 38 to set up Speed Dial numbers.
> Emergency Key 9 option can be changed. See Emergency Key 9 on page 39.

EMERGENCY CALLS

When Emergency Key 9 is enabled in the Phone Book menu, you can speed dial an emergency number with one key.

To speed dial Emergency Key 9,

Press and hold 9, or press 9 then press 🕳

Emergency call speed dialing can be enabled or disabled via the Main Menu. The default setting is Yes (enabled). See **Emergency Key 9** set up on page 39.

Emergency call dialing will override **Auto Lock** and any call restriction setting.

If Keypad Lock is turned on, dial 9-1-1 and press 🕳 key. Press and hold 9 or press 9 and Send key to speed dial the emergency call will **not** work when Keypad Lock is turned on.

Some service providers may offer a second emergency number instead of 911 as speed dial Key 9. Contact your service provider for details.

QUIET MODE

This instant quiet feature silences all incoming ring tones, turns off DTMF touch tones and silences alert tones with one touch of a key. Use when entering a meeting, library, movie or other places where you do not want your phone to ring.

To turn on or off Quiet Mode,

1	Press **Quiet** ◎ at the standby screen. The sounds are immediately turned off.
2	When Quiet Mode is turned On, ⊛ displays. The left softkey is labeled **Restore**.
3	To turn off Quiet Mode, press **Restore** ◎. ⊛ disappears.

> Quiet Mode overrides current tone settings but does not change them.

To turn on or off Quiet Mode from the menu,

1	Press ◎ and select **Settings**.
2	Select **Tone Settings**.
3	Select **Quiet Mode**.
4	Select On or Off. Press **Select** ◎ to activate.

To quickly turn off the ring of an incoming call,

	Press **Quiet** ◎.

You can turn on or off the following alert tones separately.

Ringer Alert tones -- p. 42   Voice Mail alerts -- p. 35
Text Message alerts -- p. 32   Calendar reminder tone -- p. 52

CONVERSATION OPTIONS
MUTE/UNMUTE

To mute or unmute your phone's microphone during conversation,

1	To mute, press **Mute** ◎. The microphone turns off. ⊛ displays.
2	To unmute, press **UnMute** ◎. The microphone turns back on and ⊛ disappears.

> The microphone can also be muted by pressing **Options** ◎ and selecting Mute.

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ADJUSTING VOLUME

Shortcut to adjust volume during conversation,

1 Press ☺ or ☺ key. A bar graph appears.

2 Press ☺ or ☺ key again or press and hold the desired key for continuous volume increase or decrease. Press OK ☺.

> Volume cannot be adjusted to zero. Use Mute ☺ instead.

```
≡     Speech
≡     Volume

          OK
```

To adjust the volume of various sounds from the menus,

1 Press ☺ and select **Settings**.

2 Select **Tone Settings**, then select **Volumes**.

3 Select **Ring Volume, Key Volume** or **Speech Volume**.

4 Press **up** or **down** arrow to adjust sound level from 0 to 7 (Key Volume) or 1 to 8 (Ring or Speech Volume).

5 Press OK ☺ to activate.

If you are not in conversation while adjusting volumes, a sample tone will sound after each level change to judge the effect of the change.

SENDING DTMF TOUCH TONES

You can send Dual Tone Multi-Frequency (DTMF) touch tones to communicate with computerized systems, such as answering machines, voice mail or banking-by-phone. These tones can also be used for credit card calls or long distance calling cards.

A DTMF touch tone is a digit or string of digits that produces tone signals. DTMF strings can also be stored in the Phone Book. Refer to **Storing Numbers** on page 36.

MANUALLY

To send DTMF touch tones directly from the keypad during conversation,

Press the required DTMF keys (0-9, * and # keys). The tones will be heard in the earpiece and sent immediately.

AUTOMATICALLY

To send a consecutive string of DTMF tones during conversation,

1. Press **Options** (•) and select **AutoDTMF**.
2. Enter the DTMF numbers by using the keypad or from a number stored in the Phone Book. Press ◯ to enter the Phone Book. Press **Clear** (•) to erase a digit or press and hold **Clear** (•) to erase the entire entry.
3. Press **OK** (•) to send the tones. After the tones have been sent the normal conversation screen displays.

SILENT SCRATCHPAD

Use the phone as a memo pad to store numbers during a conversation.

1. Press **Options** (•) and select **Silent Scratch On**.
2. Enter numbers you wish to store. Tones will not be heard.
3. Press **Options** (•) and select **Store Number**.
4. Number will appear in Phone Book entry screen. Press **OK** (•) or edit if needed.
5. Enter name and press **OK** (•). Screen will confirm the entry.

CALL WAITING

If your service provider offers Call Waiting, then your phone can receive a second call while one is in progress.

1. When a second call comes in during a conversation, the display will be similar to the incoming call display and a short beep sounds. See picture below.
2. To answer the second call and put the first call on hold, or to switch between calls, press (\).
3. To end the first call, press ◯. If you do not want to answer the second call, do not press any key.

> Any Key Answer and Auto Answer will not answer a second call.

```
    555 1212
     CALL

      ( (
     Quiet
```
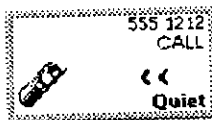
Incoming call or call waiting display

If offered by your service provider, use the (\) key as the Hook-Flash button to switch between active calls or initiate a three-party conference call.

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DIALING OPTIONS
PAUSE DIALING

Telephone numbers and a sequence of DTMF touch tones can be entered in the display or stored in memory together if they are separated by a "Pause." At each Pause, press (ↄ) to transmit the DTMF string.

To insert a Pause,

1   Enter the desired telephone number.

2   Press ◯ and select **Insert Pause**.

3   You will be returned to the entry screen with the **P** character now at the end of the telephone number.

    Shortcut: Press and hold ⊕ for 1 second to insert **P**.

4   Enter DTMF key sequence you want to send.

5   Repeat step 2, 3, and 4 to add more DTMF strings.

6   Press (ↄ) to dial the number.

7   After the call connects, listen for the instruction to send the DTMF tones. Press (ↄ) at that point to transmit each DTMF string. The DTMF digits are displayed on screen.

SECRET PAUSE DIALING

Use Secret Pause Dialing to store secret numbers such as credit card numbers or passwords in the Phone Book which number may be used to access a DTMF system such as Voice Mail, banking by phone, or credit card calls. Secret Pause displays the DTMF digits as ???? on screen to keep the digits hidden.

To insert a Secret Pause,

1   Enter the desired telephone number.

2   Press ◯ and select **Insert Secret Pause**.

3   You will be returned to the entry screen with the **SP** character now at the end of the telephone number.

    Shortcut: Press and hold ⊕ for 1.5 seconds to insert **SP**.

4   Enter DTMF key sequence you want to send.

5   Repeat step 2, 3, and 4 to add more DTMF strings.

6   Press (ↄ) to dial the number.

7   After the call connects, listen for the instruction to send the DTMF tones. Press (ↄ) at that point to transmit each DTMF string. The DTMF digits are displayed as ???? on screen.

1+ Dialing Mode

To add 1 to a telephone number in order to make a long distance call,

1. While the desired telephone number is displayed, press ○ and select **1+Dialing**.
2. The digit 1 is automatically added to the beginning of the telephone number.
3. Press ○ to dial the number.

Editing Phone Numbers

There are two ways to correct or edit digits while entering phone numbers. One way is to press **Clear** ○ to erase each digit from the end of the entry until you reach the incorrect digit. An easier way is to use the Edit dialing option.

To edit a telephone number,

1. While the desired telephone number is displayed, press ○ and scroll down to select **Edit**.
2. You will be returned to the entry screen with a line cursor flashing at the last digit.
3. Use ○ to move the cursor to the incorrect digit.
4. Press **Clear** ○ to erase the digit before the cursor.
5. Enter a new digit which will be inserted at the cursor. You can also press ○ to move the cursor right if needed.
6. Press **OK** ○ to store the number in the Phone Book. Press ○ to dial the number.

Menu System

The easy-to-use menu system is where all of the phone's features and functions settings are stored. Access the menu system by using the Express Key and the softkeys. You can also access features and services you have requested from your service provider.

Access to the Menus

- Press ◐ (labeled MEM) to go to all stored telephone numbers in the Phone Book.
- Press ◔ (labeled MENU) to enter the Main Menu at any time.
- All other functions and features are then selected by pressing ◔ or **Select** ◠.
- To return to a previous menu, press ◐ or **Exit** ◠.
- To exit from the menus to the standby screen, press and hold **Exit** ◠ or if no call is in progress, press ◠.

The display window at the Main Menu screen appears as either of these:

Picture Based menu screen	Text Based menu screen
Text Messages / Select ▾ Exit	Main Menu / Text Messages / Voice Mail / Phone Book / Select ▾ Exit
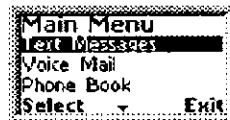
You can choose the appearance of the Main Menu screens. The Picture Based screen is the default setting. See page 41 to change the Main Menu screen to Text Based.

DEFAULT SETTINGS

Most menu items have a default setting that allows you to return the item to its original factory setting. These default settings are listed with their menu items, beginning with SMS Message Alert Tone, page 32.

Note: Some service providers may choose to set different default settings than those listed in this manual.

T300 MENU MAP

Text Messages

InBox
OutBox *
Create New *
Often Used *
Alert Tone
Storage Free

Voice Mail

Listen
Number
Alert Tone

Phone Book

Recall Entry
Store Number
Remaining Locations
Own Number
Speed Dialing
Emergency '9'

Settings

Call Settings
   Auto Answer
   Auto Redial
   Send Own Number

Display Settings
   Backlighting
   Contrast
   Language
   Main Menu Format
   Talk Time Display

Tone Settings
   Ring Tone
   Alert Mode
   Volumes
   Voice Privacy Tone
   Quiet Mode

Settings continued

Time Settings
   Set Time/Date
   Time Format
   Date Format

Auto Lock

Call History

Call Logs
   Last Dialed Numbers
   Received Call List
   Unanswered Call List

Call Timers
   Last Call
   Total Public
   Total Private
   Operating

Security

Restriction
Private Mode
Residential Network
Set Lock Code
Set Security Code
Talk Timer Reset
Reset to Default

Office Tools

Calendar
Memo Pad
Calculator

Network Selection

Manual Search
New Search

* Appears if offered by service provider and subscription purchased

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ENTERING TEXT

To store names in the Phone Book, use the Calendar, use the Memo Pad
or write SMS text messages, you will enter and edit text in the display.

In the upper right corner of the display, the *ao* icon indicates lower
case text mode and the *ao* icon indicates upper case text mode is
active. Text and numbers can be now be entered or edited directly from
the keypad.

1	To type each letter of a word, press the desired key one, two or three times, corresponding to the letter's position on the key.
2	To enter a space, press ①.
3	To enter a number, press and hold the key with the desired number.
4	If two characters are on the same key, wait for the cursor to advance or press ◯ or ⓐ before pressing the same key again.
5	Press **Clear** ◯ to erase a character. Press and hold **Clear** ◯ to delete the entire entry.
6	Press ⓔ to toggle between lower and upper case. Press ⓔ to change case for the next character only. Press and hold ⓔ to toggle and lock the new case mode.
7	Use ◯, ◯, ◯ or ◯ to locate the cursor in the text to insert characters or make corrections.

Example

To enter 'Card' in the Memo Pad,

1. Press ◯, then press ◯ three times to select **Office Tools**.
2. Select **Memo Pad**, then select **Write New Memo**.
3. Press ⓔ to go to upper case mode, *ao* icon is displayed. Press ③ briefly three times, **C** appears in the display.
4. Wait for the cursor to move or press ◯ to move to the next position, notice that *ao* is displayed. Press ② briefly once, **a** appears.
5. Press ② briefly three times, **r** appears.
6. Press ③ briefly once, **d** appears. The word **Card** will now be in the display.
7. Press ◯ to exit from this example.

ENTERING SPECIAL CHARACTERS

Shortcut for entering punctuation marks,

> Press ① from one to seven times to enter space , . @ ? ! 1
>> Press and hold ① to enter digit 1.

Shortcut for entering bracket symbols,

> Press ⓪ from one to nine times to enter ( ) < > [ ] { } 0
>> Press and hold ⓪ to enter digit 0.

To select and insert a special character into the text:

1. Press and hold ⓘ to view special characters. Press ☺ to scroll to additional special characters on pages 2 and 3.

2. The characters are arranged as the 1 - 9 keys are arranged on the keypad. To select and enter a special character into your text, press the number key corresponding to the desired character's location on the screen. For example, press ⓵ to select ! and insert it directly into the text.

3. You will be returned to the text entry screen and the special character will be in place.

Another way to select and enter special characters,

1. Press and hold ⓘ to view special characters. Press ☺ to scroll to additional special characters on pages 2 and 3.

2. Use ☺ and ☺ to navigate to the desired character and press **Select** (◦).

3. You will be returned to the text entry screen and the special character will be in place.
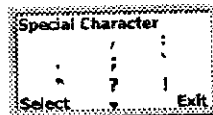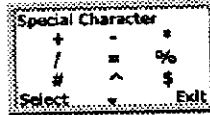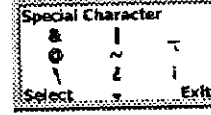
Special Character			Special Character			Special Character		
'	:		+	-	*	&	!	¬
"	'		/	=	%	@	~	
^	?	¡	#	^	$	\	¿	¡
Select	▼	Exit	Select	▼	Exit	Select	▼	Exit
Page 1			Page 2			Page 3		

TEXT MESSAGES

SMS text messaging is a Network Service that enables you to send or receive short text messages to or from other PCS phones with the same capability. The messages are not sent directly to the other mobile phone but go via your service provider's message center. You can also use the OutBox to store, edit, and forward messages as well as saving any of the numbers they contain.

The message length capacity of the phone is 255 characters, but it may be less depending on the network's capability.

Some service providers support SMS or email text messages receipt only. In this case, the menu options that will appear are InBox, Alert Tone, and Storage Free.

READING A NEW SMS OR EMAIL MESSAGE

An audio alert and Network Message screen signal the arrival of an SMS text message.

> 1 Press ◯. Select **Text Messages**
> 2 Select **InBox** to display the first message header.
> 3 Press ◯ or select **Options** (•), then select **Read Message** to read the message text.

- Each message header displays the sender's call-back number or name if it matches Phone Book entry, date/time stamp, first line of message, message state, message urgency, and number of messages.

- These message state icons in the message header indicate:

  ☒ Unread (new) message   ☒ Read message
  ☒ Locked message

- Message urgency is indicated by:

  (!!)   Emergency
  (!)   Urgent
  (blank)   Normal

- Use ◯ and ◯ to scroll between pages or between messages.

- If 🖘 appears, the SMS message storage is full. Delete old messages to be able to receive new messages.

- If you skipped past the Network Message screen, the message icon 🖘 appears to remind you of a new text message waiting.

MANAGING TEXT MESSAGES

After reading the text message, press **Options** $\odot$ for these options:

Item	Function
Delete Message	Deletes the message
Read Message	Displays the remainder of the text
Lock Message	Locks the message so it will not be automatically deleted when memory is full
Callback Number	Calls or stores the number(s) contained in the SMS header or text. Press **Send** key to dial number. Press **Store** $\odot$ to store in Phone Book.
Reply *	Replies to the sender of the message
Forward *	Forwards the message to another phone
Delete All Messages	Deletes all SMS text messages

* Options appear only if service provider supports sending SMS messages
   and subscription is purchased.

SENDING A NEW SMS OR EMAIL TEXT MESSAGE

1   Press $\odot$. Select **Text Messages**.
2   Select **Create New**.
3   Enter the message text. See Entering Text on page 29.
    If desired, press **Options** $\odot$ and select **Insert Often Used**.
    You will see a list of often-used phrases such as 'Call Me' or
    'I'll be late'. When the desired phrase is selected, it will be
    inserted at the cursor. When finished, press **Options** $\odot$ and
    select **Edit Complete**.
4   Select **Send & Store**, **Send Message Only**, or **Store
    Message Only**.
5   If you select either **Send** option, you will have a choice of
    three options. If **Mobile Number** is selected, enter the
    destination phone number. If **Recall Phonebook** is
    selected, choose a number from the Phone Book. If **E-mail
    Address** is selected, enter the email address.
6   Press **Send** $\odot$. The message is transmitted and the network
    will send a confirmation.
7   If you select either **Store** option, the message will be stored
    in the OutBox.

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OUTBOX MESSAGES

The OutBox contains unsent draft messages and stored sent messages, identified by their headers. These messages can be selected from the OutBox menu and can be modified and resent as new SMS messages.

To select an OutBox message,

1 Press ⊙. Select **Text Messages**.
2 Select **OutBox**.
3 Use ○ or ○ to scroll to the desired message header. Each message header is marked as either "Sent" ⊠ or "Not Sent" ⊠. In the upper right corner, the header is numbered along with the total number of messages.
4 Press **Options** ⊙ for the following menu:

Item	Function
Read Message	Displays the remainder of the text
Delete Message	Deletes the message
Edit & Send	Edits the message, then Send options appear

5 If **Edit & Send** is selected, then after editing the message select **Send & Store**, **Send Message Only**, or **Store Message Only**.
6 Either **Store** option will store the message in the OutBox.
7 If you select either **Send** option, you will have a choice of three options. If **Mobile Number** is selected, enter the destination phone number. If **Recall Phonebook** is selected, choose a number from the Phone Book. If **E-mail Address** is selected, enter the email address.
8 Press **Send** ⊙. The message is transmitted and the network will send a confirmation.

SMS ALERT TONE

To hear a tone (or none) each time an SMS or Email message arrives,

1. Press ⊙. Select **Text Messages**.
2. Select **Alert Tone**.
3. Select **None, Tone 1, Tone 2, Tone 3, Tone 4, Tone 5** or **Tone 6**.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Tone 2

STORAGE FREE -- AVAILABLE SMS MEMORY

To view the amount of available memory in the InBox and OutBox,

1. Press ⊙. Select **Text Messages**.
2. Select **Storage Free**.
3. The percentage of available SMS memory displays.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

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VOICE MAIL

You can receive Voice Mail messages if offered by your service provider. Your voice mail box must first be set up with your service provider before receiving voice mail messages.

LISTEN

An audio alert and Network Message screen signal the arrival of a new Voice Mail message.

To dial the voice mail center number to listen to your Voice Mail messages,

> 1   Press and hold ①.

To dial the voice mail center number using the menu,

> 1   Press ①. Select **Voice Mail**.
> 2   Select **Listen**.

SET NUMBER

If a voice mail center number is not entered, you will automatically go to the **Set Voice Mail** set up screen.

> 1   Enter the access number. Erase a digit by pressing **Clear** (•) or press and hold **Clear** (•) to erase entire entry.
> 2   Press **OK** (•). The call will be placed automatically.

VOICE MAIL ALERT TONE

Choose a tone or no alert tone to announce when a new Voice Mail message is received. If no alert tone is chosen, the standby screen will still display the Voice Mail icon 6°.

To choose a Voice Mail Alert Tone,

> 1   Press ①. Select **Voice Mail**.
> 2   Select **Alert Tone**.
> 3   Select **No Alert, Tone 1, Tone 2, Tone 3, Tone 4, Tone 5** or **Tone 6**. As you scroll through the list, a sample of each tone will play. Press **Select** (•).
> 4   Press **Exit** (•) or ◯ to return to the standby screen.
> **Default = Tone 1**

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PHONE BOOK

Names and numbers can be stored directly in the Phone Book or moved from other stored areas such as from Text Messages, Memo Pad, or Last Dialed Number list, etc. The Phone Book stores up to 100 entries, each consisting of Name (up to 16 characters) and Number (up to 32 digits). See page 29 for instructions on entering text.

STORING NUMBERS

There are three ways to store numbers into the Phone Book.

* Directly from the standby screen

> 1 Enter the phone number.
>
> 2 Press **Options** (•). Select **Store Number**. The number displays. Press **OK** (•).
>
> 3 Enter the name and press **OK** (•).
>
> 4 *Entry Stored* message appears. You will be returned to the standby screen.
>
> > \> Press **Clear** (•) to erase a digit or press and hold **Clear** (•) to erase entire entry. Also see **Editing Phone Numbers** on page 26.

* Using the menu

> 1 Press (•). Select **Phone Book**.
>
> 2 Select **Store Number**.
>
> 3 Enter the phone number and press **OK** (•).
>
> 4 Enter the name and press **OK** (•).
>
> 5 *Entry Stored* message appears. Press **Exit** (•).

* From other stored locations

Numbers stored in the Last Dialed, Received Call, and Unanswered Call Lists, as well as in the Silent Scratchpad, Memo Pad and Text Message locations can all be stored in the Phone Book.

> 1 Display a number from one of the above, press **Options** (•) or select **Callback Number**.
>
> 2 Follow the display instructions.

* The characters *, #, P (Pause) and SP (Secret Pause) can be stored together with numbers. See **Pause Dialing** and **Secret Pause Dialing** on page 25.

* If the Phone Book is full, a warning message appears when selecting the Phone Book.

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VIEWING AND DIALING NUMBERS

Phone Book entries can be recalled into the display to be edited, deleted or dialed. There are two ways to view and dial numbers stored in the Phone Book.

- Directly from the standby screen

1	Press ◌ to display the Phone Book list.

- Using the menu

1	Press ◌. Select **Phone Book**.
2	Select **Recall Entry**.
3	Either type in the first initial or use ◌ or ◌ to start scrolling.

If no initial is entered, the display will show the last entry accessed in the Phone Book. The list of Phone Book entries will be displayed in alphabetical order together with the telephone number.

4	Press ◌ to dial the number.

Press ◌ or ◌ to scroll through the Phone Book.
For quick access to another entry, press a number key to go to the first alphabetic entry corresponding with the first letter on the key. For example, to go directly to entries starting with 'P' press ⑦.

Press **Options** ◌ to display the following menu:

Item	Function
Edit	Edits the name and number entry
Delete Entry	Deletes the entry
Call	Calls the number displayed

5	Press **Exit** ◌ or ◌ to return to the standby screen.

REMAINING LOCATIONS

To see how many Phone Book locations have been used and how many are available:

1	Press ◌. Select **Phone Book**.
2	Select **Remaining Locations**.
3	The total number of locations, total number used and total number available (free) will display.
4	Press **Exit** ◌ or ◌ to return to the standby screen.

OWN NUMBER DISPLAY

You can view your own phone number in the Phone Book.

1. Press ⊙. Select **Phone Book**.
2. Select **Own Number**. Your phone number displays.
3. Press **Exit** ⊙ or ⊙ to return to the standby screen.

SPEED DIALING

Phone Book numbers can be assigned to Keys 2 - 9 which when held down will dial those numbers. Key 1 is reserved for the voice mail center number and cannot be changed.

To assign Phone Book numbers to the speed dialing keys,

1. Press ⊙. Select **Phone Book**.
2. Select **Speed Dialing**.
3. Use ⊙ or ⊙ to scroll to the next Empty Key number.
4. Press **Options** ⊙ then select **Names** to go to the Phone Book and scroll to the desired entry.
5. Press **Select** ⊙. The Phone Book name will appear with the assigned Key number.
6. Press **Exit** ⊙ or ⊙ to return to the standby screen.

To change or delete assigned speed dial keys,

1. Press ⊙. Select **Phone Book**.
2. Select **Speed Dialing**.
3. Use ⊙ or ⊙ to scroll to the desired Key number.
4. Press **Options** ⊙ and select **Names** to go to the Phone Book to replace current phone number. Scroll to desired Phone Book entry and press **Select** ⊙ to replace with new Phone Book entry. The Phone Book name will appear with the assigned Key number.
   Press **Options** ⊙ and select **Delete Entry** to clear the Key number.
5. Press **Exit** ⊙ or ⊙ to return to the standby screen.

- When you scroll to Key 9, if Emergency 9 is set to Yes, then Key 9 will be fixed to speed dial Emergency 911.
- If you live in an area that uses a different Emergency number and your service provider has programmed that number to the phone, then Key 9 will speed dial that Emergency number.
- If Emergency 9 is set to No, you can assign any Phone Book entry to Key 9.

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EMERGENCY 9 SPEED DIAL SETTING

To control whether Speed Dial Key 9 is automatically set to dial the emergency number,

1   Press ⊙. Select **Phone Book**.
2   Select **Emergency 9**.
3   Select **Yes** or **No**. Press **Select** ⊙.
4   Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Yes

SETTINGS

This menu option allows you to customize your Call Settings, Display Settings, Tone Settings, Time Settings, and lock your phone.

CALL SETTINGS

AUTO ANSWER

When the phone is connected to a handsfree car kit or headset, the phone will automatically answer an incoming call after 5 or 10 seconds without having to press any keys.

1   Press ⊙. Select **Settings**, then select **Call Settings**.
2   Select **Auto Answer**.
3   Select **After 5 sec.**, **After 10 sec.** or **Off**. Press **Select** ⊙.
4   Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Off

AUTO REDIAL

When set to On, the phone will automatically redial a failed call up to 10 times, when due to a busy system or unavailable signal from the network.

1   Press ⊙. Select **Settings**, then select **Call Settings**.
2   Select **Auto Redial**.
3   Select **On** or **Off**. Press **Select** ⊙.
4   Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Off

• When set to On, **Redialing** appears each time a redial call attempt is made. Press **Cancel** ⊙ to end dialing for that call.

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SEND OWN NUMBER (OUTGOING CALLER ID)

This Network Service allows you to send or disable sending your phone number as Caller ID information when you make a call. If you do not want your phone number to appear on the receiving person's phone, set this feature to No.

To send or disable sending your phone number as Caller ID,

1. Press ⊙. Select **Settings**, then select **Call Settings**.
2. Select **Send Own Number**.
3. Select **Yes** (send) or **No** (disable sending). Press **Select** ⊙. If you select **No**, a screen titled Enter Disable Code appears. Enter *67 which is the standard Disable Code. Press **OK** ⊙ to confirm.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Yes

• When traveling outside of your local network service area, this feature may not work or let you make a call. Set feature to Yes.

DISPLAY SETTINGS

BACKLIGHTING

This option controls the backlighting during key entry and incoming ring tone. The two settings are:

Off -- backlight stays off.
Off after 10 sec. -- Display and key backlight stay on for 10 seconds after the last key press or during an incoming call.

1. Press ⊙. Select **Settings**, then select **Display Settings**.
2. Select **Backlighting**.
3. Select **Off** or **Off After 10 sec.** Press **Select** ⊙.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Off After 10 sec.

CONTRAST

You can adjust the contrast of the display using a 7 level bar scale.

1. Press ⊙. Select **Settings**, then select **Display Settings**.
2. Select **Contrast**.
3. Use ⊙ or ⊙ to adjust the contrast. Press **OK** ⊙ to confirm.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Middle Level

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LANGUAGE

The phone menu screens can be displayed in one of four languages: English, French, Spanish, or Portuguese.

To select the language of your choice,

1. Press ⊙. Select **Settings**, then select **Display Settings**.
2. Select **Language**.
3. Use ◯ or ⬭ to select a language. Press **Select** ⊙.
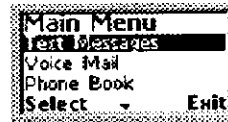4. Press **Exit** ⊙ or ⬭ to return to the standby screen.

Default = English

• To reset the phone language to English, enter *#0044#.

MAIN MENU FORMAT

Choose whether you want the main menu selections to display in picture format or text format.

Picture Based menu screen	Text Based menu screen
Text Messages Select ▾ Exit	Main Menu Text Messages Voice Mail Phone Book Select ▾ Exit

To select the main menu format,

1. Press ⊙. Select **Settings**, then select **Display Settings**.
2. Select **Main Menu Format**.
3. Select **Picture Based** or **Text Based**. Press **Select** ⊙.
4. Press **Exit** ⊙ or ⬭ to return to the standby screen.

Default = Picture Based

TALK TIMER DISPLAY

The Talk Timer appears when a call connects and displays the duration of an on-going call.

To turn on or off the Talk Timer display,

1. Press ⊙. Select **Settings**, then select **Display Settings**.
2. Select **Talk Timer Display**.
3. Select **On** or **Off**. Press **Select** ⊙.
4. Press **Exit** ⊙ or ⬭ to return to the standby screen.

Default = On

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TONE SETTINGS

RING TONE

Choose the sound of the incoming ring tone from a stored selection of 5 rings, 2 tones and 8 melodies. To hear your chosen ring tone or melody, scroll to a selection. Wait a few seconds and it will play.

To select a ring tone,

1. Press ⊙. Select **Settings**, then select **Tone Settings**.
2. Select **Ring Tone**.
3. Use ⊙ or ⊙ to scroll to the different ring tones. Wait several seconds to hear the tone. After choosing a tone, press **Select** ⊙ to select the tone.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Ring 1

ALERT MODE

This feature allows you to set the method or turn off the incoming ring tone, alert and reminder tones.

1. Press ⊙. Select **Settings**, then select **Tone Settings**.
2. Select **Alert Mode**.
3. Select **Ring Only, Silent, Vibrate Only, Vibrate then Ring,** or **Vibrate and Ring**. Press **Select** ⊙.

Default = Ring Only

Icon	Option	Action
none	Ring Only	Phone will ring for all ring tones & alerts.
✦	Silent	Backlight flashes & LED light flashes green.
⫶◻⫶	Vibrate Only	Phone will vibrate for all ring tones & alerts.
⫶◻⫶	Vibrate then Ring	If incoming call, phone will vibrate first, then ring. If SMS, Voice Mail or Calendar alerts, phone will vibrate but no ring will be heard.
⫶◻⫶	Vibrate and Ring	Phone will vibrate and ring at the same time for all ring tones and alerts.

• If a **Vibrate** option is chosen, the phone still vibrates in Quiet Mode.

• If Quiet Mode is in effect, any changes to Alert Mode will not cancel Quiet Mode but will take effect when Quiet Mode is turned Off.

VOLUME ADJUSTMENT

Adjust the volume of the incoming ring tone, key presses, and your caller's voice.

1 Press ◌. Select **Settings**, then select **Tone Settings**.
2 Select **Volumes**.
3 Select **Ring Volume, Key Volume**, or **Speech Volume**. The screen will name the volume type to be adjusted.

4 Use ◌ or ◌ to move the bar up or down the scale. Press **OK** ◌ to confirm.
5 Press **Exit** ◌ or ◌ to return to the standby screen.

Default = Middle Level

- A sample tone will play after each level change to hear the change in volume (if not in conversation).
- The volume cannot be set to zero, except for Key Volume. Use Silent Alert Mode to silence the ring tone completely. See **Alert Mode** on page 42.

Shortcut to **Key Volume** adjustment,

1 Press ◌ or ◌. Continue with step 4 above.

During a call, press ◌ or ◌ to adjust volume of your caller's voice.

RAMPING RINGER

Ramping causes the incoming ring tone to gradually increase to maximum volume level if the call is not answered after the first ring.

1 Press ◌. Select **Settings**, then select **Tone Settings**.
2 Select **Volumes**, then select **Ramping Ringer**.
3 Select **On** or **Off**. Press **Select** ◌ to confirm.
4 Press **Exit** ◌ or ◌ to return to the standby screen.

Default = On

VOICE PRIVACY TONE

If your network supports the Voice Privacy feature, your call will be encrypted so that no one can access your call. Your phone always attempts to use voice privacy mode during a call.

If your service provider's system does not support this feature or if the phone is on an analog channel, the Voice Privacy Off icon 🔏 appears on the left side of the screen and a warning tone sounds. You can turn this warning tone on or off.

1. Press ⊙. Select **Settings**, then select **Tone Settings**.
2. Select **Voice Privacy Tone**.
3. Select **On** or **Off**. Press **Select** ⊙ to confirm.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = On

QUIET MODE

This instant quiet feature silences all incoming ring tones, turns off DTMF tones and silences alert tones with one touch of a key. Use this when entering a meeting or a theater, for example.

Shortcut to Quiet Mode,

1. Press **Quiet** ⊙ at the standby screen. The sounds are immediately turned off.
2. When Quiet Mode is turned On, 📵 displays. The left softkey is labeled **Restore**.
3. To turn off Quiet Mode, press **Restore** ⊙. 📵 disappears.

> Quiet Mode overrides current tone settings but does not change them.

To turn on or off Quiet Mode using the menus,

1. Press ⊙. Select **Settings**, then select **Tone Settings**.
2. Select **Quiet Mode**.
3. Select **On** or **Off**. Press **Select** ⊙ to confirm.
4. Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Off

• Quiet Mode setting is not retained when the phone is turned off.

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TIME SETTINGS

You can choose how the time and date appear on the standby screen, as well as the time/date format in Text Messages.

To choose whether the time appears in am/pm or a 24 hour clock,

1   Press ⊙. Select **Settings**, then select **Time Settings**.
2   Select **Time Format**.
3   Select **am/pm** or **24 hour** (military time). Press **Select** ⊙ to activate.
4   Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = am/pm

To choose the order of how the month, date and year appear,

1   Press ⊙. Select **Settings**, then select **Time Settings**.
2   Select **Date Format**.
3   Select **MM/DD/YYYY, DD/MM/YYYY** or **YYYY/MM/DD**. Press **Select** ⊙ to activate.
4   Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = MM/DD/YYYY

SET TIME & DATE

To set the current time and date on the clock in the standby screen,

1   Press ⊙. Select **Settings**, then select **Time Settings**.
2   Select **Set Time/Date**.
3   The Set Time/Date screen displays with the currently set time and date. The month is highlighted. Use ⊙ or ⊙ to scroll to the desired month and press ⊙ to select and move to the next setting. If a setting does not need to be changed, use ⊙ to skip to the next setting. Use ⊙ and ⊙ to move between each setting. Within each setting, use ⊙ and ⊙ to scroll to the desired increment. In the numeric settings you can also type in the digits.
4   When finished, press **OK** ⊙ to activate.
5   Press **Exit** ⊙ or ⊙ to return to the standby screen.
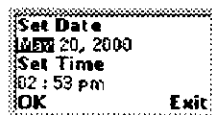
```
Set Date
▓▓▓ 20, 2000
Set Time
02 : 53 pm
OK              Exit
```
Set Date - month highlighted
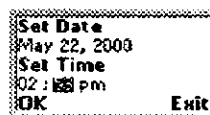
```
Set Date
May 22, 2000
Set Time
02 : ▓▓ pm
OK              Exit
```
Set Time - minutes highlighted

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- Press **Exit** ⊙ anytime during this process to exit the menu without a change.

- The Set Date screen will appear in the same format as the chosen Date Format menu option.

- The Set Time screen will appear in the same format as the chosen Time Format menu option (am/pm or 24 hour).

- The range of years in the Set Date screen is 1980-2079.

- An internal battery maintains the date and time setting for up to 3 hours when the phone is turned off and without a battery, or with a completely discharged battery attached. After this 3 hour period, you may need to reset the clock when the phone is turned on again.

AUTO LOCK

Auto Lock prevents use of the phone by anyone without the Lock Code. When Auto Lock is enabled, you must enter the 3-digit Lock Code each time the phone is turned on.

To enable or disable Auto Lock,

1   Press ⊙. Select **Settings**.

2   Select **Auto Lock**.

3   Enter the 3-digit Lock Code.

3   Select **Enable** or **Disable**. Press **Select** ⊙ to activate.

4   Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Disable

- The default Lock Code is 000. We recommend that you change your Lock Code then write it down and store it in a separate place. To change the Lock Code, see **Set Lock Code** on page 56.

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CALL HISTORY

Details of incoming and outgoing calls, duration of the last call, and accumulated total of all calls made are stored in Call History menu.

CALL LOGS

The last 10 numbers dialed, the last 10 received call numbers, and the last 10 unanswered call numbers are stored in the Call Logs.

To view or dial a number from the Call Logs,

1. Press ⊙. Select **Call History**.
2. Select **Call Logs**.
3. Select **Last Dialed Numbers, Received Call List**, or **Unanswered Call List**.
4. Press ⊙ or ⊙ to scroll through the call lists.

   The most recent number dialed or received is displayed first. For received and unanswered calls, if the caller's number is in your Phone Book or sent by the network, the name is shown. If not, 'Unknown number' displays.

5. Press ⊙ on a highlighted number to dial the number.

To store, edit or delete Call Log entries,

1. Press ⊙. Select **Call History**.
2. Select **Call Logs**.
3. Select **Last Dialed Numbers, Received Call List**, or **Unanswered Call List**.
4. Press ⊙ or ⊙ to select the desired entry.
5. Press **Options** ⊙ to go to the following menu:

Item	Action
Store Number	Stores the name and number in the Phone Book
Delete Entry	Deletes the entry
Delete All	Deletes all the entries
Edit	Edits the name and number entry

6. Press **Exit** ⊙ or ⊙ to return to the standby screen.

CALL TIMERS

The length of the last call and total accumulated time of all calls are stored in the Call Timers menu.

To view Call Timers,

1 Press ◌. Select **Call History**
2 Select **Call Timers**
3 Press ◌ or ◌ to select from the following:

Item	Description
Last Call	Talk time for the last call in minutes and seconds
Total Public	Accumulated talk time in hours and minutes when making calls on Public Systems
Total Private	Accumulated talk time in hours and minutes when making calls on Private Systems
Operating	Accumulated talk time in hours and minutes when making calls on both Public and Private Systems

4 Press **Exit** ◌ or ◌ to return to the standby screen.

• To reset all of the call timers except the Operating Timer, see **Reset Talk Timer** on page 57.

• Since the accumulated talk timers do not have space to count seconds, they work by counting each call as at least one minute in length, even if the call lasts less than one minute. For example, if you make 4 fifteen second calls, the accumulated talk timer will count 4 minutes of talk time used, not one minute.

OFFICE TOOLS

Office Tools menu contains a Calendar to keep track of appointments, a Memo Pad and a Calculator.

CALENDAR

Use the Calendar to keep track of appointments, meetings and special events. You can even set a Reminder tone to alert you when appointment time approaches. Up to 50 Calendar events can be stored.

There are two types of Calendar events; Appointment and All Day Event. Appointments have a start and end time, and All Day Events last an entire day, such as an anniversary.

NEW APPOINTMENT

To enter a new Appointment event,

1. Press ⊙. Select **Office Tools**.
2. Select **Calendar**.
3. Select **New Appointment**.
4. A screen displays with the current time and date showing in the Start Date/Time and End Date/Time sections.
5. Use ⊙ to move to each setting to be changed, then use ⊙ or ⊙ to scroll to the desired increment.
6. When finished, press **OK** ⊙ to move to the next screen (Enter Subject).
7. Enter subject and press **OK** ⊙.
8. Use ⊙ or ⊙ to scroll to the desired Recurrence pattern and press **Select** ⊙.
9. Some Recurrence options have a highlighted area in which you use ⊙ or ⊙ to scroll to the desired increment, then press **OK** ⊙.
10. Next, the screen asks if you want a Reminder tone to ring before this Calendar event occurs. Select **Yes** or **No**.
11. If **Yes** was selected, use ⊙ or ⊙ to scroll to the desired number of minutes before the appointment time that the Reminder tone will ring. Press **OK** ⊙.
12. *Calendar Stored* displays to confirm the entry.

New All Day Event

To enter a new All Day event,

1	Press. Select **Office Tools**.
2	Select **Calendar**.
3	Select **New All Day Event**.
4	A screen displays with the current date showing in the Start Date and End Date sections.
5	Use to move to each setting to be changed, then use or to scroll to the desired increment.
6	When finished, press **OK** to move to the next screen (Enter Subject).
7	Continue with Step 7 in 'To Enter a new Appointment event' above.

Reminder Tone Notes

- You must leave the phone ON for the reminder tone to work. If the phone is OFF, the reminder tone will not sound at its scheduled time.

- If the phone is OFF when a reminder tone is due, then an Overdue Reminder screen will display when the phone is turned ON. Press **OK** to clear the Overdue Reminder.

View Calendar

To view the Calendar,

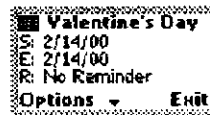|	
1	Press. Select **Office Tools**.
2	Select **Calendar**.
3	Select **View Calendar**.
4	A screen displays with a wall-calendar view of the current month. The current date blinks.

- Days that have events scheduled will have the date highlighted.

- Use or keys to scroll by week from the blinking cursor location.

- Use or keys to move one-by-one through the days of the week.

To view a scheduled event,

1. Scroll to the desired highlighted date and press **Details** ⊙.
2. The selected date displays with several menu options. Select **Daily Schedule** and press **Select** ⊙.
3. Each Appointment or All Day event for the date will be listed. If needed, scroll to the desired event and press ⊙ or **Select** ⊙ to view the details of the event.

```
■ MW Meeting              ■ Valentine's Day
S: 2/14/00 12:00 pm       S: 2/14/00
E: 2/14/00 1:00 pm        E: 2/14/00
R: 30 Minutes             R: No Reminder
Options ▲    Exit         Options ▼    Exit
```

Appointment detail screen   All Day detail screen

- In the detail screen, **S** indicates Start date and time. **E** indicates End date and time. **R** indicates if Reminder tone has been set and if so, the time it will sound before the event time. If event is All Day, only start and end dates will display.

4. Press **Options** ⊙ for the following menu:

Item	Action
Edit	Edits the Calendar entry
View Recurrence	Recurring pattern displays; for example, every week on Mondays, or every month on the 24th.
Delete Entry	Deletes the selected Calendar entry

5. Press **Exit** ⊙ or ✆ to return to the standby screen.

VIEW ALL EVENTS

To view all events in the Calendar,

1. Press ⊙. Select **Office Tools**.
2. Select **Calendar**.
3. Select **View All Events**.
4. Use ⊙ or ⊙ to scroll through the list of events.
5. Press **Options** ⊙ to **Edit, View Recurrence, Delete Entry** or **Delete All.** See Options description chart above.
6. Press **Exit** ⊙ or ✆ to return to the standby screen.

DELETE PAST EVENTS

You can clear out non-recurring appointments or events that are over.

To delete all non-recurring past events in the Calendar,

1. Press ◯. Select **Office Tools**.
2. Select **Calendar**.
3. Select **Delete Past Events**.
4. Select **Yes** or **No**.
6. Press **Exit** ⊙ or ◯ to return to the standby screen.

CALENDAR REMINDER TONE

To choose a Calendar Reminder Tone,

1. Press ◯. Select **Office Tools**.
2. Select **Calendar**.
3. Select **Reminder Tone**.
4. Select **No Alert, Tone 1, Tone 2, Tone 3, Tone 4, Tone 5** or **Tone 6**. As you scroll through the list, a sample of each tone will play. Press **Select** ⊙.
5. Press **Exit** ⊙ or ◯ to return to the standby screen.

Default = Tone 3

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MEMO PAD

The Memo Pad allows you to store up to 10 separate entries of 20 characters each. The characters can be letters or numbers.

To write a memo,

1	Press ◌. Select **Office Tools**
2	Select **Write New Memo**.
3	Enter text as described on page 29.
4	Press **OK** ◌. *Memo Stored* displays.

To read, edit or dial a number from a memo,

1	Press ◌. Select **Office Tools**
2	Select **Read Memos**
3	Use ◌ or ◌ to select the desired Memo.
4	Press **Options** ◌ for the following menu.

Item	Action
Edit	Edits the Memo
Call Number	Stores or calls the number(s) contained in the Memo. Press **Send** key to dial number. Press **Store** ◌ to store in Phone Book.
Delete Entry	Deletes the selected Memo entry
Delete All	Deletes all Memo entries

5	Press **Exit** ◌ or ◌ to return to the standby screen.

* You can also press and hold 🔵 while viewing the Memo to dial the number contained in the Memo.

CALCULATOR

The calculator allows you to perform simple calculations using

+	(addition)	-	(subtraction)
x	(multiplication)	÷	(division)
+/-	(sign invert)		

To use the calculator,

1   Press ⊙. Select **Office Tools**.
2   Select **Calculator**.
3   The calculator screen with the digit 0 displays.

```
Calculator
                    0

 ▢ · ı + = %

Select          Exit
```
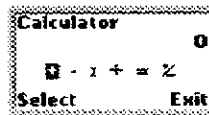
4   Press desired number keys to enter digits.
5   Use ⊙ to move right to highlight the desired operation.
6   Press **Select** ⊙ to select it. The symbol appears on screen.
7   Enter the next digits.
8   Press ⊙ to obtain result or use ⊙ to move right to highlight the equal sign.
9   Press **Select** ⊙ to select it. The result appears on screen.
10 Press **Exit** ⊙ or ⊙ to return to the standby screen.

• Press ⊛ to enter a decimal point.

• Press **Clear** ⊙ to erase an entry. If **Clear** ⊙ is pressed after an calculation has been performed, the result will be erased. Press and hold **Clear** ⊙ to erase the calculation.

SECURITY

The Security menu allows you to control calling restrictions, control if the phone can be used in Private or Residential systems, change the Lock and Security Codes, and reset the Talk Timer and default settings.

To enter this menu, you must type in your 4-digit Security Code. When entering your Security Code, the digits appear as **** on screen. If you make a mistake, press **Clear** (ᶜ then enter the correct digits. The default code is 0000. We recommend that you change this code at once and write it down and store it in a separate place.

Contact your service provider if you have lost your Security Code.

If an incorrect Security Code is typed in, *Invalid Code* message displays and you are returned to the previous menu screen.

CALL RESTRICTION

This option allows you to place restrictions on the type of calls made from the phone. The three types of restriction levels are:

Setting	Action
No Restriction	All types of calls are allowed
Recall Only	Calls dialed only from Phone Book entries are allowed. New or edits to Phone Book entries are not allowed.
Receive Only	Incoming calls can be answered but no outgoing calls can be made. Phone Book access is blocked.

- For Recall Only and Receive Only options, numbers cannot be entered from the keypad, and manual DTMF transmission is restricted.

- Emergency calls are allowed at any restriction level.

- When the phone is in Private Mode, there are no call restrictions, even if the phone is set to one of the restriction levels.

To set a call restriction level,

1. Press ⊙ Select **Security**.
2. Enter your 4-digit Security Code.
3. Select **Restriction**.
4. Select **No Restriction**, **Recall Only**, or **Receive Only**. Press **Select** (◦).
5. Press **Exit** (◦) or ⊙ to return to the standby screen.

Default = No Restriction

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PRIVATE NETWORK

Use this menu option to set up your phone to use a private system.

1 Press ⊙. Select **Security**.
2 Enter your 4-digit Security Code.
3 Select **Private Network**.
4 Select **Enable** or **Disable**. Press **Select** ⊙.
5 Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Disable

RESIDENTIAL NETWORK

Use this menu option to set up your phone to use a residential system.

1 Press ⊙. Select **Security**.
2 Enter your 4-digit Security Code.
3 Select **Residential Network**.
4 Select **Enable** or **Disable**. Press **Select** ⊙.
5 Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = Disable

SET LOCK CODE

Set Lock Code allows you to change your 3-digit Lock Code, used when
Auto Lock is active. Auto Lock prevents use of the phone by anyone
without the Lock Code. When Auto Lock is active, each time the phone
is turned on, you must enter the 3-digit Lock Code to use the phone.

To change the Lock Code,

1 Press ⊙. Select **Security**.
2 Enter your 4-digit Security Code.
3 Select **Set Lock Code**.
4 The current Lock Code appears. Enter the new Lock Code.
   Press **OK** ⊙ to save the new code.
5 Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = 000

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SET SECURITY CODE

The Security Code allows entry into the Security menu.
To change the Security Code,

1 Press ⊙. Select **Security**.
2 Enter your 4-digit Security Code.
3 Select **Set Security Code**.
4 The current Security Code appears. Enter the new Security Code. Press **OK** ⊙ to save the new code.
5 Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = 0000

RESET TALK TIMER

Reset all of the Call Timers except the Operating Call Timer.
To reset the Call Timers,

1 Press ⊙. Select **Security**.
2 Enter your 4-digit Security Code.
3 Select **Talk Timer Reset**.
4 Select **Yes** or **No**. Press **Select** ⊙.
5 Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = No

RESET TO DEFAULT

Use Reset to Default to revert the phone settings back to the factory default settings. This does not affect the Phone Book or Text Message InBox and OutBox.

Note: Some service providers may choose to set different default settings than those listed in this manual.

To reset the phone to default settings,

1 Press ⊙. Select **Security**.
2 Enter your 4-digit Security Code.
3 Select **Reset to Default**.
4 Select **Yes** or **No**. Press **Select** ⊙.
5 Press **Exit** ⊙ or ⊙ to return to the standby screen.

Default = No

Factory default settings are:

Feature	Default setting
SMS Alert Tone	Tone 2
Voice Mail Alert Tone	Tone 1
Emergency '9', Send Own Number	On
Auto Answer, Auto Redial	Off
Backlighting	Off After 10 sec.
Contrast, Volume levels	Middle level
Language	English
Main Menu Format	Picture Based
Talk Time Display	On
Ring Tone	Ring 1
Alert Mode	Ring Only
Ramping Ringer, Voice Privacy Tone	On
Time Format	am/pm
Date Format	MM/DD/YYYY
Auto Lock	Disable
Calendar Alert Tone	Tone 3
Call Restriction	None

NETWORK SELECTION

Use this menu to select a Network System when you are out of your home cellular service area.

To search for all available network systems in the area,

1	Press ⊙. Select **Network Selection.**
2	Select **Manual Search.**
3	*Searching Network Systems* displays.
4	A list of available networks will appear.
5	Scroll to the desired network system and press **Select** ⊙.
6	The phone will register to the selected system.

• If no systems can be found, *No Service* message appears.

To locate new private network systems in the area,

1	Press ⊙. Select **Network Selection.**
2	Select **New Search.**
3	*Searching Private Systems* displays.
4	When the phone locates a private system, the name of the system displays.
5	Either select **Register** to register to this network, or select **Next NW** to continue searching for other private systems.

• If no systems can be found, *No Service* message appears.

ACCESSORIES

Handsfree kits	Part numbers
Headset (earphone + microphone)	
Simple Holder with bracket (mounts in car to hold phone)	
Batteries and Chargers	Part numbers
Standard battery (Lithium Ion)	
Desktop Battery Charger (for phone + spare battery)	
AC Rapid Charging Adapter 120V (for battery charging using wall outlet)	
Cigarette Lighter Adapter - plug one end into car cigarette lighter, other end into phone jack to use and charge phone in your car	
Miscellaneous	Part number
Belt Clip w/Button	
Data Connector	Part number
Data Cable	

To purchase accessories, contact your service provider or shop online at www.mitsubishiwireless.com.

Do you have questions about accessories or would you like to place an order by phone?
Our trained accessory specialists are ready to assist you.

Please call toll free 1-877-581-8776

M-F   5:00 am - 9:00 pm PT
Sat   6:00 am - 8:00 pm PT
Sun 10:00 am - 7:00 pm PT

GLOSSARY

Term	Description
AMPS	Advanced Mobile Phone System. Analog system used in the United States for cellular telephones.
Analog system	Variable waveform system of voice transmission instead of the zeros and ones used by a digital system.
Cellular	Wireless communications system that uses many base stations to divide a service area into multiple "cells." Cellular calls are transferred from base station to base station as a user travels from cell to cell.
Coverage	Geographical reach of a mobile phone network or system.
Conversation mode	When the phone is making or receiving a call.
DTMF	Dual Tone Multi-frequency Tones, or touch tones. Each key pressed generates a unique frequency which the phone company recognizes as a particular digit.
Dual band	Mobile phone that works on different frequency bands; 800 MHz cellular and 1900 MHz PCS frequencies.
Dual mode	Mobile phone that works on both analog and digital networks.
Digital	Wireless communication technology that converts all voice transmissions to computer language (zeros and ones, or "binary" language) and then reconstructs them into the original voice format at the other end.
LCD	Liquid Crystal Display. Flat screen used to display numbers, characters, icons and pictures.
LED	Light Emitting Diode. Light on a handset that alerts the user of various conditions or functions.
Mobile system	Transmission of radio signals to or from a centrally located antenna attached to a mobile telephone switch.

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PCS	Personal Communications Services. Collective term for group of three American digital cellular phone technologies in the 1900 MHz frequency band. These are GSM 1900, CDMA IS-95, and TDMA IS-136.
Roaming	Make and receive calls in places outside one's home calling area.
RSSI	Received Signal Strength Indicator.
SMS	Short Message Service. Available on digital networks allowing text messages to be sent and received via the network operator's message center to your mobile phone.
Standby mode	When the phone is on and registered to a network but not making or receiving a call.
Standby time	Amount of time a fully charged wireless phone can be on before the phone's battery will lose power.
Service provider	A company that provides services and subscriptions to telephone, mobile phone and Internet users.
Talk time	Length of time one can talk on a wireless phone without recharging the battery.
TDMA	Time Division Multiple Access. Digital radio technology in which the frequency band is split into a number of channels which in turn are stacked into short time units so that several calls can share a single channel without interfering with one another. TDMA is also the name of a digital technology based on the IS-136 standard.
Wireless communication	Radio-based systems that allow transmission of telephone and/or data signals through the air without a physical connection, such as a metal wire or fiber optic cable.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE AND SOLUTION
Phone does not turn on	• If the phone is new, see **Charging the Battery** on page 7. Otherwise, recharge or replace the battery.
Phone turns on but there is no display	• Display contrast is turned down too low. Reset contrast (see page 40).
The phone does not work with the handsfree adapter	• A battery is required to use the handsfree adapter; verify a charged battery is installed on the back of the phone. Verify the phone is attached to the adapter.
Short standby or talk times	• Battery is wearing out. Replace the battery.
Numbers cannot be entered into the display	• Keypad Lock is turned on (⊜ is displayed). Press **UnLock** ⊖ , then press ⊛.
Phone numbers cannot be dialed	• Call restrictions may be in place. See **Call Restriction** on page 55.
Calls cannot be made or received; dropped calls	• The signal strength will depend on your location. Check the received signal strength indicator ▄▅ and make sure your antenna is fully extended, and try again after the signal strength increases (another bar appears). In addition to geographic location, the signal will weaken behind walls, under bridges, in tunnels, or other obstructions.
Volume varies/mutes briefly	• Audio volume can vary due to a weak signal or high speed travel.

DISPLAY MESSAGES

MESSAGE	DESCRIPTION
Phone Locked	• To use the phone, the 3-digit Lock Code must first be entered.
Battery Full!	• Battery has finished charging.
Charging	• The phone is charging normally while powered off. Since the phone is off, you cannot make or receive calls. • You can press the ⊙ key to turn on the phone and operate it normally. The battery will continue to charge.
CHECK error	• Mitsubishi phones are capable of self diagnostics, and will alert you when an internal error occurs. For CHECK errors, write down the number following CHECK and contact your service provider for repairs. Your service provider should be able to solve the problem over the phone.
Low Battery! and phone beeps	• The battery is about to run out. The phone should be turned off and the battery recharged or replaced. The phone will turn itself off within one minute.
UnLock softkey	• Keypad Lock is activated which prevents accidental key presses. Press UnLock ⊙ and ⊘ to turn off this feature.
No Service	• Phone cannot connect to the network (calls cannot be placed or received), either because the signal is too weak or the local network does not support your phone. Try moving to another location to use your phone.
No Number Programmed	• The Voice Mail Center phone number must be set up before using voice message access. The screen will prompt to add a voice mail number. Enter the number, press OK ⊙ and it will automatically dial.

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ONE YEAR LIMITED WARRANTY
MODEL T300

Mitsubishi Wireless Communications Inc.
3805 Crestwood Parkway, Suite 350
Duluth, GA 30096
800-866-6600

Mitsubishi Electric Sales Canada Inc.
Corporate Service Division
4299 14th Avenue, Markham, Ont. L3R OJ2
(905) 475-7728

Mitsubishi Wireless Communications, Inc. (MWCI) warrants this product to the original purchaser (Purchaser) against defects in materials and workmanship as set forth below. If ownership of the product is transferred, this warranty is terminated. This warranty applies only to product purchased or repaired in the United States or Canada.

For the period of time specified below from the date of first retail purchase, MWCI shall at its sole and absolute opinion either repair or replace the defective product or part with a new or comparable refurbished product or part. Mitsubishi brand accessories are covered under this warranty for one year. Batteries are covered under this warranty for 90 days. Carrying cases are covered under this warranty for one year.

To obtain warranty service in the US, please contact MWCI at 1-800-866-6600 to obtain the nearest location of the MWCI authorized service center so as to make arrangements for repair or replacement. To obtain warranty service in Canada, please contact Mitsubishi Electric Sales Canada, Inc. (MESCA) at (905) 475-7728 or at the Canadian address above. Purchaser must present proof of purchase in the form of a retail bill of sale, invoice or other document that will show that the product is within the applicable warranty period. No charge will be made for parts or labor directly related to the repair or replacement of the defective product or part. The repaired or replaced product will be warranted for 90 days from the date of return shipment or for the balance of the original warranty, whichever is longer.

Repair or replacement, as provided under this warranty, is the only remedy provided to the purchaser. MWCI SHALL NOT BE LIABLE FOR ANY

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INCIDENTAL OR CONSEQUENTIAL DAMAGES INCURRED BY PURCHASER such as, but not limited to, interruption of service, loss of anticipated benefits or profits, or damage to any other equipment resulting from the use or operation of the product, or arising from breach of express or implied warranties on this product. MWCI SHALL NOT BE LIABLE FOR DAMAGE TO TELEPHONE EQUIPMENT, VEHICLES, AND/OR PERSONAL PROPERTY CAUSED BY IMPROPER INSTALLATION OR USAGE.

THIS WARRANTY DOES NOT COVER FUSES OR CLAIMS OF DAMAGE DUE TO ALTERATION, ACCIDENT, MISUSE, ABUSE, NEGLECT, IMPROPER INSTALLATION OR MAINTENANCE, CONNECTION TO AN IMPROPER VOLTAGE SUPPLY, RECEPTION PROBLEMS CAUSED BY INADEQUATE SIGNALS, LIQUID SPILLS, OR DAMAGE THAT IS ATTRIBUTABLE TO ACTS OF GOD. REMOVAL AND INSTALLATION COSTS ARE NOT COVERED BY THIS WARRANTY. COSMETIC DAMAGE, SUCH AS MARS, SCRATCHES, CRACKS, BLEMISHES, AND THE WEARING OF PRINTED LOGOS OR KEYS, IS NOT COVERED BY THIS WARRANTY. DAMAGE RESULTING FROM THE USE OF ACCESSORIES THAT ARE NOT MITSUBISHI BRAND ACCESSORIES IS NOT COVERED.

LOSS AND DAMAGE OCCURRING DURING TRANSIT ARE NOT COVERED BY THIS WARRANTY. Products repaired or replaced under warranty will be returned to the Purchaser transportation prepaid. Return shipping costs for out-of-warranty repairs shall be paid by the Purchaser.

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS EXCLUDED EXCEPT WHERE PROHIBITED BY LAW, AND WHERE PROHIBITED, IS LIMITED TO THE MINIMUM PERIOD PERMITTED BY SUCH LAW.

Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitations on an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State, or Province to Province.