



M4300 User Guide

WE SHOULD INFORM USER THAT
THIS MANUAL CAN HAVE SOME
DIFFERENCES FROM PHONE
DEPENDING ON PHONE S/W AND
SERVICE PROVIDER.



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Congratulations on your purchase of the advanced and compact M4300 mobile phone, designed to operate with the latest digital mobile communication technology.



This user guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user's guide could void your warranty for this equipment.



Guidelines for safe and efficient use

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information

This mobile phone model M4300 has been designed to comply with applicable safety requirement for exposure to radio waves.

This requirement is based on scientific guidelines that include safety margins designed to assure this safety of all persons, regardless of age and health.

- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR.

Tests for SAR are conducted using standardized method with the phone transmitting at its highest certified power level in all used frequency bands.

- While there may be differences between the SAR levels of various LG phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

- The SAR limit recommended by the international Commission on Non-Ionizing Radiation Protection (ICNIRP), which is 2W/kg averaged over ten (10) gram of tissue.
- The highest SAR value for this model phone tested by DASY4 for use at the ear is **1.05W/kg** (10g).
- SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the Institute of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over one (1) gram of tissue (for example USA, Canada, Australia and Taiwan).

Product care and maintenance

Warning: Use only batteries, charger and accessories approved for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- Keep away from electrical appliance such as a TV, radio or personal computer.

- The unit should be kept away from heat sources such as radiators or cookers.
- Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- The coating of the phone may be damaged if covered with wrap or vinyl wrapper.
- Use dry cloth to clean the exterior of the unit. (Do not use solvent such as benzene, thinner or alcohol.)
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object; otherwise, it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use the accessories with caution and follow relevant instructions.
- Do not touch the antenna unnecessarily.

Efficient phone operation

To enjoy optimum performance with minimum power consumption please:

- Hold the phone as you speak to any other telephone. While speaking directly into the microphone, angle the antenna in a direction up and over your shoulder. If the antenna is extendable/ retractable, it should be extended during a call.
- Do not hold the antenna when the phone is in use. If you hold it, it can affect call quality. It also may cause the phone to operate as a higher power level that needed and shorten talk and standby times.
- If your mobile phone supports infrared, never direct the infrared ray at anyone's eye.

Electronics devices

All mobile phones may get interference, which could affect performance.

- Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over the pacemaker, i.e. in your breast pocket.
- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs, etc.



Guidelines for safe and efficient use

Road safety

Check the laws and regulations on the use of mobile phones in the areas when you drive.

- Do not use a hand-held phone while driving.
- Give full attention to driving.
- Use a hands-free kit, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.
- RF energy may affect some electronic systems in your motor vehicle such as car stereo, safety equipment.
- When your vehicle is equipped with an air bag, do not obstruct with installed or portable wireless equipment. It can cause serious injury due to improper performance.

Blasting area

Do not use the phone where blasting is in progress.

Observe restrictions, and follow any regulations or rules.

Potentially explosive atmospheres

- Do not use the phone at a refueling point. Don't use near fuel or chemicals.
- Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle, which contains your mobile phone and accessories.

In aircraft

Wireless devices can cause interference in aircraft.

- Turn off your mobile phone before boarding any aircraft.
- On the ground, follow airline instructions regarding use of mobile phones.

Children

Keep the phone in a safe place out of small children's reach. It includes small parts which if detached may cause a choking hazard.

Emergency calls

Emergency calls may not be available under all cellular networks. Therefore, you should never depend solely on the phone for emergency calls. Check with your local service provider.

Battery information and care

- You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- Use only LG batteries and chargers. LG chargers are designed to maximize the battery life.
- Do not disassemble or short-circuit the battery pack.
- Keep the metal contacts of the battery pack clean.
- Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times until it needs replacing.
- Recharge the battery if it has not been used for a long time to maximize usability.
- Do not expose the battery charger to direct sunlight or use it in high humidity, such as the bathroom.

- Do not leave the battery in hot or cold places, this may deteriorate the battery performance.
- Dispose of used batteries in accordance with local legislation.
- **Batteries shall be disposed of in accordance with the local provisions.**
- **The socket-outlet used for the AC/DC adaptor (power supply unit) shall be near the equipment and shall be easily accessible.**

Disposal of your old appliance



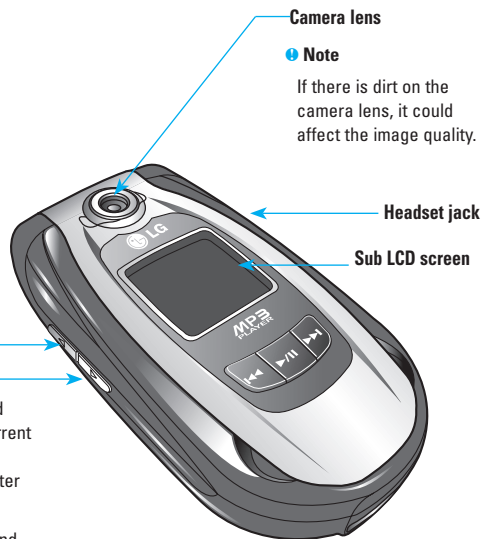
All electrical and electronic products should be disposed of separate from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC..



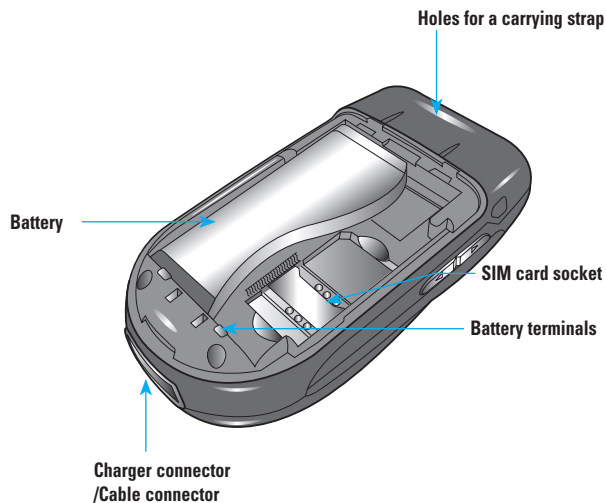
Parts of the phone

Front view



- When the phone is closed, press and hold down one of these keys to display the current time, to change the display to the current date, and to dismiss the display on the outer screen.
- Controls the volume of keypad tone in stand-by mode with the phone open.
- Controls the earpiece volume during a phone call.

Rear view



Open view



1. Earpiece

2. 8. Left soft key/Right soft key: Each of these keys performs the function indicated by the text on the screen immediately above it.

3. t-zone key: Accesses the t-zones.

4. Send key: Dials a phone number and answers incoming calls. You can also quickly access the latest incoming, outgoing and missed calls, by pressing the key in standby mode.

5. Alphanumeric keys: Enter numbers, letters and some special characters.

6. LCD screen: Displays phone status icons, menu items, Web information, pictures and more in full colour.

7. Navigation keys: Use to move the cursor up/down/left/right. And you can quickly access the following features in standby mode.

- **Up navigation key** () : You can search the contact by name by pressing this key in standby mode.
- **Down navigation key** () : Opens the voice memo list. Holding this key down directly starts voice memo recording.

- **Left navigation key** () : A shortcut key to the profile menu. Holding this key down changes into the manner mode.

- **Right navigation key** () : A shortcut key to the message inbox.

9. Menu/Confirm key: Opens the menu and confirms actions.

* In standby mode, holding this key down connects to the Internet.

10. Camera key: Press this key to go to the Camera menu in standby mode.

11. End/Power key: Used to end a call or reject a call and also to go back to standby mode. Hold this key down to turn the phone on/off.

12. Clear key: Deletes a character by each press. Hold the key down to clear all input. Also use this key to go back to the previous screen.

13. Microphone: Can be muted during a call for privacy.



M4300 features

Display information

The table below describes various display indicators or icons that appear on the phone's display screen.

On-Screen Icons

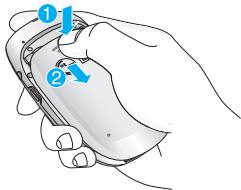
Icon	Description
	Indicates the strength of the network signal.
	Indicates that GPRS service is available.
	Indicates a call is in progress.
	Indicates that you are roaming on another network.
	Indicates the alarm has been set and is on.
	Indicates the status of the battery charge.
	Indicates that the vibration ringer has been set.
	Indicates the Silent profile is activated.
	Indicates the General profile is activated.

Icon	Description
	Indicates the Loud profile is activated.
	Indicates the Headset profile is activated.
	Indicates the Car profile is activated.
	Indicates a call is diverted.
	Indicates that the phone is accessing the WAP.
	Indicates that you are using GPRS.
	Indicates that you entered the security page.
	Indicates the receipt of a message.
	Indicates the receipt of a voice mail.

Installing the SIM card and the handset battery

1. Remove the battery cover.

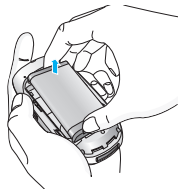
Make sure the power is off before you remove the battery. Press down on the rear cover in indicated position and slide downwards to remove, prize the battery by inserting finger nail in to indicated slots and levering the battery out.



Note Removing the battery from the phone when the power is on may cause the phone to malfunction.

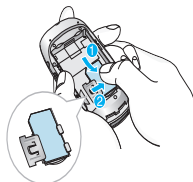
2. Remove the battery.

Hold the top edge of the battery and lift the battery from the battery compartment.



3. Install the SIM card.

Insert the SIM card into the holder. Slide the SIM card into the SIM card holder. Make sure that the SIM card is inserted properly by ensuring that the gold contact area on the card is facing downwards. To remove the SIM card, press down lightly and pull it in the reverse direction.



To insert the SIM card



To remove the SIM card

Caution The metal contact of the SIM card can be easily damaged by scratches. Pay special attention to the SIM card while handling. Follow the instructions supplied with the SIM card.



Getting started



4. Install the battery.

Insert the bottom of the battery first into the bottom edge of the battery compartment. Push down the top of the battery until it snaps into space.

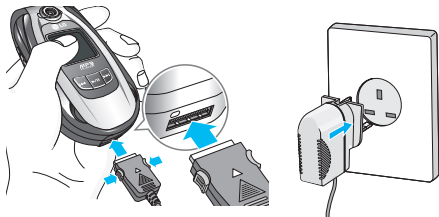


5. Replace the battery cover.

Lay the battery cover in place of the phone and slide it until the latch clicks.

Charging the battery

To connect the travel adapter to the phone, you must have installed the battery.



1. Ensure the battery is fully charged before using the phone.
2. With the arrow facing you as shown in the diagram push the plug on the battery adapter into the socket on the bottom of the phone until it clicks into place.
3. Connect the other end of the travel adapter to the mains socket. Use only the included packing charger.
4. The moving bars of battery icon will stop after charging is complete.

- ⚠ Caution**
 - Do not force the connector as this may damage the phone and/or the travel adapter.
 - Insert the battery pack charger vertically to wall power outlet.
 - If you use the battery pack charger out of your own country, use an attachment plug adaptor for the proper configuration.
 - Do not remove your battery or the SIM card while charging.
- ⚠ Warning**
 - Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
 - Make sure that no sharp-edged items such as animal teeth, nails, come into contact with the battery. There is a risk of this causing a fire.
 - Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

Disconnecting the adapter

1. When charging is finished, the moving bars of the battery icon stop and 'Full' is displayed on the screen.
2. Unplug the adapter from the power outlet. Disconnect the adapter from the phone by pressing the grey tabs on both sides of the connector and pull the connector out.



- Note**
- Ensure the battery is fully charged before first using the phone.
 - Do not remove the battery or SIM card while charging.
 - In the case the battery is not properly charged, please turn the phone off and on using the power key, then recharge the battery. After detaching and reattaching the battery, please recharge the battery.

Turning your phone on and off

Turning your phone ON

1. Install a battery to the handset and connect the phone to an external power source such as the travel adapter, cigarette lighter adapter or hands-free car kit. Or install a charged battery pack to the handset.
2. Press  for a few seconds until the LCD screen is turned on.
3. Depending on the status of the **PIN code request** setting you may need to enter your PIN code.

Notice Like any other radio devices, avoid any unnecessary contact with the antenna while your phone is on.

Turning your phone OFF

1. Press  for a few seconds until the LCD screen is turned off.



Getting started

Access codes

You can use the access codes described in this section to avoid unauthorised use of your phone. The access codes (except PUK and PUK2 codes) can be changed by using the **Change codes** feature [Menu-9-5-5]. See page 86.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. When the **PIN code request** is set to **On**, your phone will request the PIN code every time the phone is switched on. When the **PIN code request** is set to **Off**, your phone connects to the network directly without the PIN code.

PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access functions such as **Advice of Call Charge** and **Fixed Dial Number**. These functions are only available if supported by your SIM card.

PUK code (4 to 8 digits)

The PUK (PIN Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your network operator for the code. If you lose the code, also contact your network operator.

PUK2 code (4 to 8 digits)

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you lose the code, also contact your network operator.

Security code (4 to 8 digits)

The security code protects the unauthorised use of your phone.

The default security code is set to **'0000'** and the security code is required to delete all phone entries and to activate the **Reset Settings** menu. Also, the security code is required to enable or disable the phone lock function to prevent unauthorised use of the phone. The security code default setting can be modified from the **Security Settings** menu.

Barring password

The barring password is required when you use the **Call Barring** function. You obtain the password from your network operator when you subscribe to this function. See [Menu-9-5-3] page 85 for further details.

Making and answering calls

Making a call

1. Make sure your phone is switched on.
2. Enter a phone number, including the area code.
When you entered a wrong number, press the clear key () to erase one digit at a time.
▶ Press and hold the clear key () to erase the digits in succession.
3. Press the send key () to call the number.
4. To end the call, press the end key () or the right soft key (). You can also end the call by closing the folder.

Making a call using the send key

1. In standby mode, press the send key (), and the latest incoming, outgoing and missed phone numbers will be displayed.
2. Select the desired number by using the up/down navigation key.
3. Press  .

Making an international call

1. Press and hold the  key for the international prefix. The '+' character automatically selects the international access code.
2. Enter the country code, area code, and the phone number.
3. Press  .

Ending a call

When you have finished your call, press the end ()key.



Making a call from the phonebook (Contacts)

You can save the names and phone numbers dialled regularly in the SIM card and/or phone memory, which is called Contacts.

You can dial a number by simply looking up the desired name in Contacts. For further details on the Contacts feature, please refer to page 62 through 66.

Adjusting the volume

If you want to adjust the earpiece volume during a call, use the side keys (). Press the up side key to increase and down side key to decrease the volume.

 **Note** In standby mode pressing the side keys adjusts the key tone volume.

Answering a call

When you receive a call, the phone rings. If the caller can be identified, the caller's phone number (or name if saved in the Contacts) is displayed.

1. To answer an incoming call, open the phone and press the send key. Alternatively, please see page 82 for other answer modes.

 **Note** If **Press any key** has been set as the answer mode (see page 82), any key press will answer a call except for the  or the right soft key.

► To reject an incoming call, press and hold one of the side keys on the left side of the phone without opening the folder.

► You can answer a call while using the **Contacts** or other menu features.

2. To end the call, close the folder or press the  key.

Switching quickly to Vibrate only mode

You can switch your phone quickly to the **Vibrate only** mode by pressing and holding down the left navigation key () after opening the phone. To go back to the previous profile, press and hold down the left navigation key () again.

Signal strength

You can check the strength of your signal by the signal indicator () on the LCD screen of your phone. Signal strength can vary, particularly inside buildings. Moving near to a window may improve reception.

Entering text

You can enter alphanumeric characters by using the phone's keypad. For example, storing names in the **Contacts**, writing a message, creating a personal greeting or scheduling events in the calendar all require entering text.

The following text input methods are available in the phone.

T9 mode

This mode lets you enter words with only one keystroke per letter. Each key on the keypad has more than one letter. The T9 mode automatically compares your keystrokes with an internal dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode. This is sometimes known as predictive text.

ABC mode

This mode lets you enter letters by pressing the key labelled with the required letter once, twice, three or four times until the letter is displayed.

123 mode (Number mode)

Type numbers using one keystroke per number. To change to 123 mode in a text entry field, press the  key until 123 mode is displayed.

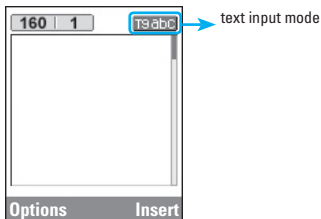
Changing the text input mode

1. When you are in a field that allows characters to be entered, you will notice the text input mode indicator in the upper right corner of the LCD screen.
 - You can select the language of the T9 mode. Press the left soft key [Options], then select **T9 languages**. You can also go to **T9 languages** menu by holding down the  key. Select the desired language of T9 mode. You can also turn off the T9 mode by selecting **T9 off**. The default setting on the phone is T9 enabled mode.



General functions

2. Change the text input mode by pressing . You can check the current text input mode in the upper right corner of the LCD screen.



► Using the T9 mode

The T9 predictive text input mode lets you enter words easily with a minimum number of key presses. As you press each key, the phone begins to display the characters that it thinks you are typing based on the built-in dictionary. You can also add new words in the dictionary. As new words are added, the word changes to reflect the most likely candidate from the dictionary.

1. When you are in the T9 predictive text input mode, start entering a word by pressing keys  to . Press one key per letter.
 - The word changes as letters are typed. Ignore what's on the screen until the word is typed com-

pletely.

- If the word is still incorrect after typing completely, press the up/ down navigation key once or more to cycle through the other word options.

Example: Press     to type **Good**
 Press     [Down navigation key] to type **Home**

- If the desired word is missing from the word choice list, add it using the ABC mode.
2. Enter the whole word before editing or deleting any keystrokes.
 3. Complete each word with a space by pressing the  key.

To delete letters, press the  key. Press and hold down the  key to erase entire words in succession.

- ❗ **Notice** To exit from the text input mode without saving your input, press . The phone goes back to standby mode.

► Using the ABC mode

Use the  to  keys to enter your text.

1. Press the key labelled with the required letter:

- Once for the first letter
- Twice for the second letter
- And so on

2. To insert a space, press the key once. To delete letters, press the key. Press and hold down the key to erase the entire words in succession.

Notice Refer to the table below for more information on the characters available using the alphanumeric keys.

Key	Characters in the order display	
	Upper case	Lower case
	.,/?!-:'"1	.,/?!-:'"1
	ABC2ÄÅÁÂÃÄÅÆÇ	abc2äåáâãäåæç
	DEF3ËÊËÊË	def3ëèëêë
	GHI4İİİİĜ	ghi4ııııĝ
	JKL5	jkl5
	MNO6ÑÖØÓÔÕÖŒ	mno6ñöøóôõöœ
	PQRS7ßŞ	pqrs7ßş
	TUV8ÜÚÚÜ	tuv8üúúü
	WXYZ9	wxyz9
	Space key, 0 (Press twice)	Space key, 0 (Press twice)



Contacts

You can save phone numbers and their corresponding names in the memory of your SIM card.

In addition, you can save up to 200 numbers and names in the phone memory.

The SIM card and phone are both used in the same way in the **Contacts** menu.

(Refer to page 62 through 66 for details.)

► Using the 123 (Number) mode

The 123 mode enables you to enter numbers in a text message (a telephone number, for example).

Press the keys corresponding to the required digits before manually switching back to the appropriate text entry mode.

In call menu

Your phone provides a number of control functions that you can use during a call. To access these functions during a call, press the left soft key [Options].

During a call

The menu displayed on the handset screen during a call is different to the default main menu displayed when in standby mode, and the options are described below.

Making a second call

You can get a number you wish to dial from Contacts to make a second call. Press the right soft key then select **Search**. To save the dialled number into Contacts during a call, press the right soft key then select **Add new**.

Switching between two calls

To switch between two calls, press the left soft key [Options], then select **Swap** or just press the  key. You can select one of two calls using up/down navigation keys. To end a call, highlight the phone number using up/down navigation keys then press the  key.

Answering an incoming call

To answer an incoming call when the handset is ringing, simply press the  key. The handset is also able to warn you of an incoming call while you are already on a call. A tone sounds in the earpiece, and the display will show that a second call is waiting. This feature, known as **Call waiting**, is only available if your network supports it. For details of how to activate and deactivate it see **Call waiting** on page 82.

If **Call waiting** is activated, you can put the first call on hold and answer the second, by pressing

 or by selecting left soft key, then **Hold & Answer**. You can end the current call and answer the waiting call by selecting left soft key and then **End & Answer**.

Rejecting an incoming call

You can reject an incoming call without answering by simply pressing the  key.

During a call, you can reject an incoming call by pressing the left soft key [Menu] and selecting the **Multiparty/Reject** or by pressing the  key.

Muting the microphone

You can mute the microphone during a call by pressing the left soft key [Options], then selecting **Mute**. When the handset is muted, the caller cannot hear you, but you can still hear them. The handset can be unmuted by pressing the [Unmute].

Switching DTMF tones on during a call

To turn DTMF tones on during a call, press the left soft key, and then select **DTMF on**. DTMF tones can be turned off the same way. DTMF tones allow your phone to make use of an automated switchboard.

Multiparty or conference calls

The multiparty or conference service provides you with the ability to have a simultaneous conversation with more than one caller, if your network operator supports this feature. A multiparty call can only be set up when you have one active call and one call on hold, both calls having been answered. Once a multiparty call is set up, calls can be added, disconnected or separated (that is, removed from the multiparty call but still connected to you) by the person who set up the multiparty call. These options are all available from the In-Call menu. The maximum callers in a multiparty call are five. Once started, you are in control of the multiparty call, and only you can add callers to the multiparty call.

Making a second call

You can make a second call while currently on a call. Enter the phone number and press the

 key. When the second call is connected, the first call is automatically placed on hold. You can swap between two calls by pressing the left soft key then selecting **Swap**.



Setting up a multiparty call

Place one call on hold and while the active call is on, press the left soft key and then select **Multiparty/Join all**.

Putting a multiparty call on hold

Press the left soft key, then select **Multiparty/Hold all**.

Activating the multiparty call on hold

Press the left soft key, then select **Multiparty/Join all**.

Adding calls to the multiparty call

To add a call to an existing multiparty call, press the left soft key, then select **Multiparty/Join all**.

Putting a member of a multiparty call on hold

To place one selected caller (whose number is currently displayed on the screen) of a multiparty call on hold, press the left soft key, then select **Multiparty/Exclude**.

Displaying callers in a multiparty call

Using up/down navigation keys, you can scroll through the phone numbers of the callers in a multiparty call.

Having a private call during a multiparty call

To have a private call with one caller from a multiparty call, display the number of the caller you wish to talk to on the screen, then press the left soft key. Select **Multiparty/Private** to put all the other callers on hold.

Ending a multiparty call

The currently displayed caller from a multiparty call can be disconnected by pressing the  key. To end a multiparty call, press the left soft key, then select **Multiparty/End multiparty**. After pressing the left soft key, selecting **Multiparty/End all** will end all the active and on-hold calls.

The following illustration shows the available menu structure and indicates the:

- ▶ Number assigned to each menu option.
- ▶ Page where you can find the feature description.

You can go to the desired menu using the left soft key [Menu], navigation keys and the [OK] key.



This menu is supported by only SAT (SIM Application Tool kit) SIM.



This menu is supported by non-SAT SIM.



1 Special

- 1 Mail & Fax
- 2 MyMoney
- 3 Extras



2 My Media

- 1 Photos
- 2 Pictures
- 3 Sounds
- 4 Music
- 5 Games & more
- 6 Others
- 7 External Memory



3 Call register

- 1 Missed calls
- 2 Received calls
- 3 Dialled calls
- 4 Delete recent calls
- 5 Call charges
- 6 GPRS information



4 Messages

- 1 New message
- 2 Inbox
- 3 Mailbox
- 4 Outbox
- 5 Sent
- 6 Drafts
- 7 Listen to voice mail
- 8 Info message
- 9 Templates
- 0 Settings



Menu tree



5 t-zones



6 Contacts

- 1 Search
- 2 Add new
- 3 Caller groups
- 4 Speed dial
- 5 Settings
- 6 Copy all
- 7 Delete all
- 8 Information



7 Organiser

- 1 Alarm clock
- 2 Calendar
- 3 Memo
- 4 Calculator
- 5 Unit converter
- 6 World time
- 7 Voice recorder
- 8 Memory status
- 9 SW version



8 Camera

- 1 Take photo
- 2 Fun frames
- 3 My photos
- 4 Settings
- 5 Memory status



9 Settings

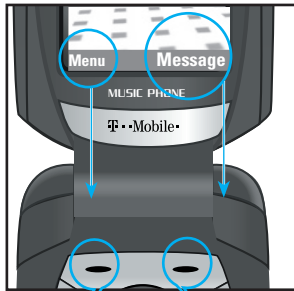
- 1 Profiles
- 2 Date & Time
- 3 Favourites
- 4 Phone settings
- 5 Call settings
- 6 Security settings
- 7 Connectivity
- 8 Internet
- 9 Reset settings

Selecting functions and options / Special

Your phone offers a range of functions that allow you to customise it. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked  and . Each menu and sub-menu lets you view and alter the settings of a particular function.

The roles of the soft keys vary according to the current context; the label on the bottom line of the screen just above each key indicates its current function.

(e.g.)



Press the left soft key to access the available menu.

Press the right soft key to activate the corresponding action.

Your service provider can offer special application through SIM card, such as home banking, stock market, etc. If you are registered for one of these services, the service name will appear at the end of the Main Menu. With the SIM Services menu your phone is future-proof and will support additions to your service provider's service.

For more information contact your service provider.



Special

Special

Menu-1

Mail & Fax

(Menu-1-1)

MyMoney

(Menu-1-2)

Extras

(Menu-1-3)

Photos

Menu-2-1

Opens the **My photos**. The photos taken with M4300 are stored here. (For more details, refer to page 75.)

Pictures

Menu-2-2

- **More pictures:**
- **My pictures:** Selects a picture from the list by pressing the left soft key [View]. Then, you can set it as wallpaper or send the multimedia message with it by pressing the left soft key [Options].

Sounds

Menu-2-3

- **t-music:** Connects to the t-zones. You can download various ringtones and caller tunes using the WAP. And they are stored in **My sounds**.
- **My sounds:** You can select a sound from the list. After selecting the desired sound, you can set it as the ring tone, send the sound via SMS or MMS, using the left soft key [Options].

Music

Menu-2-4

The M4300 has a digital music player built-in. You can enjoy listening to MP3 or AAC music files on a memory in your phone using a compatible headset or via the internal loudspeaker.

- **Note** Because of the small dimension of the speaker, in some cases the audio could be distorted, especially at maximum volume and when there are lots of bass sounds. Therefore, we recommend you to use the stereo headset in order to appreciate the high quality of your music.

• The music player supports

- ▶ MPEG-1 Layer III: Sampling frequency up to 48KHz, Bit rate up to 192Kbps, stereo
- ▶ MPEG-2 Layer III: Sampling frequency up to 24KHz, Bit rate up to 160Kbps, stereo
- ▶ AAC: ADIF, ADTS formats (Sampling frequency up to 48KHz)

• Transferring music files to the M4300

You can use the connected mobile phone as a removable disk. When the phone is connected to the computer using the USB data cable, the mobile phone memory is represented by "Removable Disk" in "My Computer" in the Windows application.



- ▶ You can use the phone as a removable disk if the operating system is Windows 98SE, Windows 2000 or Windows XP.

❗ **Note** • You may need to install the USB device driver supplied on the CD-ROM depending the operating system.

• In case that it does not work properly, please reinstall the driver from the CD-ROM.

- ▶ The data saved in the phone memory may be lost due to an external impact, lightening, a power failure, static electricity, carelessness on the part of the user or a product defect. In addition, the repair or initialisation of the product may permanently delete the data. Please make sure to backup your important data (MP3 files and other information).

• Opening the removable disk

1. Select Menu > 7. My Stuff > 4. Removable disk in sequence.
2. Enter the security code.
3. Click 1. Data transfer.
4. Connect the phone and the computer with the data cable (supplied in the sales package).
5. Double-click the Removable Disk in My Computer.
6. When you have finished using the phone memory, click Exit and take the following steps. (in Caution:

Before you remove the cable, it is necessary that you click Exit. Or, the integrity of transferred data is not guaranteed.)

- Click on the notification area.

- Select USB High-Capacity Storage Device. The following message will appear: "Now, you can safely remove the USB high-capacity storage device from the system".

- Then remove the cable.

❗ **Note** When you are using the phone memory as a removable disk, you cannot make a call, answer a call, use message function or use PC Sync feature.

• Formatting the removable disk

1. Select Menu > 7. My Stuff > 4. Removable disk in sequence.
2. Enter the security code.
3. Click 2. Format disk.
4. Click Yes and then the OK button.
5. Format the removable disk.

❗ **Note** Format operation will delete all data saved on the removable disk. Do not format in the PC. If the mobile phone is connected to the PC with the data cable, although you can format the disk, the stability of the removable disk operation is not guaranteed

• Checking the free space of the removable disk

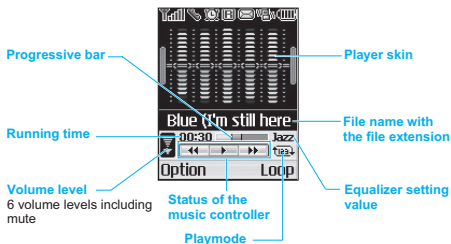
1. Select Menu > 7. My Stuff > 4. Removable disk in sequence.
2. Enter the security code.
3. Click 3. Memory Status.
4. You can check the free space of the removable disk.

Note With the removable disk feature, you can store more than 20 music files onto the phone. But the Playlist on the phone displays up to 20 files.

• Audio player

Plays the music.

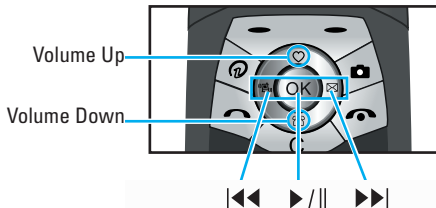
Press the  and select Audio player. The following screen is shown up.



Repeat	Loop
Play all	A > B
Repeat all	
Play one	
Repeat one	

Note In case that any invalid file is included in the playlist, an error message will be popped up and go back to the prior screen.

• Music controller keys



Icon	Description
	- Press this key to start the playback. - Press this key to pause.
	- (Short press) Skips to the previous track. - (Long press) Rewinds the current track during the playback.
	- (Short press) Skips to the next track. - (Long press) Fast forwards the current track during the playback.
	Increases/decreases the volume.

The following options are available by pressing the left soft key [Options].



- ▶ **View playlist:** Select this to view the playlist during the playback.
- ▶ **Equalizer:** Select the desired sound style with left/right navigation keys and press the left soft key [Select].
- ▶ **Playmode:** Select the desired play mode with up/down navigation keys and press the left soft key [Select].
 - **Play all:** Plays all the tracks.
 - **Repeat all:** Repeats all the tracks in the phone in order.
 - **Play one:** Plays the current track and stops playing.
 - **Repeat one:** Keeps playing the current track.

You can use the loop feature with the right soft key [Loop]. Press the right soft key [Loop] to set the beginning point (A) of the loop. And press the right soft key [A>B] again to set the ending point (B).

• Playlist

Displays the playlist.

The following options are available.

- ▶ **Set as ring tone:** After selecting a desired track, press the left soft key [Options] and select this. Sets the selected track as a ring tone.

- ▶ **Delete:** Deletes the track from the list.
- ▶ **View details:** You can check the file name, size, length and date.
- ▶ **Delete all:** Clears out the playlist.

• Settings

- ▶ **Player skin:** You can select the desired player skin on the main screen.
- ▶ **Flip setting:** Select whether the playback will continue or stop when you open/close the phone.

• Memory status

You can check the current memory status of the phone.

Games & more

Menu-2-5

• t-games

(Menu-2-5-1)

Connects to the t-games. You can download games using the WAP. And they are stored in **My games & more**.

• My games & more

(Menu-2-5-2)

In this menu, you can manage the Java applications installed in your phone. You can play or delete downloaded applications, or set the connecting option. The downloaded applications are stored in folders.

Press the left soft key [Select] to open the selected

folder or launch the selected midlet.

Using the right soft key [Menu], the following menus are available.

- ▶ **New folder:** Creates a new folder.
- ▶ **Move:** Moves the selected folder or application to a destination folder.
- ▶ **Launch:** Starts new game.
- ▶ **Remove:** Removes a folder or an application.
- ▶ **Rename:** You can rename the folder or the application.
- 🔹 **Note** You cannot remove or rename the preinstalled folder or a game in the folder.

Profiles

(Menu-2-5-3)

- Activate
- Settings
- Rename

Java™ is a technology developed by Sun Microsystems.

Similar to the way you would download the Java Applet using the standard Netscape or MS Internet Explorer browsers, Java MIDlet can be downloaded using the WAP enabled phone. Depending on the service provider, all Java based programs such as Java games can be downloaded and run on a phone. Once downloaded, the Java program can be viewed in the **My games & more** menu where you can select, execute, or delete. The Java program files saved in the phone are in .JAD or .JAR format.

🔹 **Note** The JAR file is a compressed format of the Java program and the JAD file is a description file that includes all detailed information. From the network, prior to download, you can view all detailed file descriptions from the JAD file.

🔹 **Caution** Only J2ME (Java 2 Micro Edition) based programs will run in a phone environment. The J2SE (Java 2 Standard Edition) based programs will only run in a PC environment.

🔹 **Option** Some Java applications may require a data connection to be made. Select this to set the connecting options.



Others

Menu-2-6

External Memory

Menu-2-7

You can check the record of missed, received, and dialled calls only if the network supports Calling Line Identification (CLI) within the service area.

The number and name (if available) are displayed together. You can also view call times and costs.

Press the menu key () and select **Call register** using navigation keys.

Missed calls

Menu-3-1

This option lets you view unanswered calls.

After pressing the left soft key [Options], you can also:

- View the date and time at which the call was made.
- Save the number in Contacts. Enter a name for the number and save it in Contacts.
- Send a message to this number.
- Delete the call from the list.

 **Note** You can delete all the call records from the list using the **Delete recent calls** menu. (See page 44.)

Received calls

Menu-3-2

This option lets you view incoming calls. After pressing the left soft key [Options], you can also:

- View the date and time at which the call was made.
- Save the number in Contacts. Enter a name for the number and save it in Contacts.
- Send a message to this number.
- Delete the call from the list.

 **Note** You can delete all the call records from the list using the **Delete recent calls** menu. (See page 44.)

Dialled calls

Menu-3-3

This option lets you view outgoing calls (called or attempted).

Using the [Options] key, you can also:

- View the date and time at which the call was made.
- Save the number in Contacts. Enter a name for the number and save it in Contacts.
- Send a message to this number.
- Delete the call from the list.



Call register

- 📌 **Note** You can delete all the call records from the list using **Delete recent calls** menu. (See page 44.)

Delete recent calls

Menu-3-4

Use this to delete the missed call list, received call list, or dialled call list. You can also delete all call lists at a time selecting **All calls**.

Call charges

Menu-3-5

Call duration

(Menu-3-5-1)

Use this to view the duration of your incoming and outgoing calls.

You can check each call duration at the bottom of screen while scrolling using the up/down navigation keys. You can reset the call timer by selecting **Reset all**. To prevent accidental reset, you are requested to enter the PIN2 code.

- **Last call:** Length of the last call.
- **All calls:** Total length of all calls made or received calls since the timer was last reset.
- **Received calls:** Length of the incoming calls.
- **Dialled calls:** Length of the outgoing calls.
- **Reset all:** Select this to reset all the call duration.

- 📌 **Note** The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing, etc.

Call costs

(Menu-3-5-2)

This network service allows you to check the last call cost, the total call cost and the remaining call cost. The call cost is displayed on the bottom of the LCD screen. To reset the call cost, select **Reset all**. You are requested to enter the PIN2 code.

- 📌 **Note** The actual cost invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing, taxes, etc.

Settings

(Menu-3-5-3)

- **Set tariff:** You can set the currency type and the unit price. Contact your service provider to obtain charging unit prices.

To select the currency or unit in this menu, you need the PIN2 code. If you want to input @, £, \$ symbol, clear all currency strings and then press  key. If you want to change the symbol, press  key again.

- 📌 **Note** When all units have been used, no calls can be made except emergency calls. Depending on the SIM card, you need the PIN2 code to set a call cost limit.

- **Set credit:** This network service allows you to limit the cost of your calls to the selected charging units. You can make or receive a call up to the specified cost limit.
 - ▶ **Read:** You can check the remaining units.
 - ▶ **Change:** You can change your charging limit.
- **Auto display:** This network service allows you to see automatically the cost of your last call. If you select **On**, you can see the cost of the last call when the call is released.

GPRS information

Menu-3-6

You can check the amount of data transferred over the network through the GPRS information option. In addition, you can also view how much time you are online. (GPRS stands for General Packet Radio Service.)

Call duration

(Menu-3-6-1)

You can check the duration of the last call and all calls. You can also reset the call timers by selecting **Reset all**.

Data volume

(Menu-3-6-2)

You can check the sent data volume, received data volume, and all data volume. You can also reset the counter by selecting **Reset all**.



Call register

Press the menu key () and select **Messages** using navigation keys.

New message

Menu-4-1

Write text message

(Menu-4-1-1)

Your phone receives voice mail notification messages, and Short Message Service (SMS) messages. Voice mail and SMS are network services. Please contact your network operator for more information.

When the  icon appears, you have received voice mail. When the  icon appears, you have received a new text message. If the message memory is full, a message is displayed, the  icon flashes and you cannot receive any new messages. Use the **Delete** option in the **Inbox** menu to delete obsolete messages. Once there is space in the message memory, any undelivered SMS messages will be received (provided sufficient space is available).

You can write and edit text messages up to 10 pages. (approximately 1530 characters)

1. Key in your message. For details on how to enter text, refer to pages 28 through 31 (Entering text).

2. After you complete the message, to select the required option, press the left soft key [Options]. The following options are available.

- ▶ **Send:** Enter the phone number. Or select the number from the recent numbers or the Contacts after pressing the left soft key [Options]. You can send a message up to 6 phone numbers at a time. Before sending the message, you can set the following options by pressing the right soft key [Settings].
 - 1) **Validity period:** Set the length of time for which your text messages will be saved at the SMS center while attempts are made to deliver them to the recipient. Possible values are 1 hour, 12 hours, 1 day, 1 week and the maximum authorized by your network operator.
 - 2) **Delivery report:** Select whether activate or deactivate the report function. When this function is activated, the network informs you whether your message has been delivered or not.
 - 3) **Reply charging:** Allows the recipients of your text message to send you a reply via your message centre, if the service is provided by the network.
- ▶ **Save to drafts:** Saves the message so that it can be sent later.

- ▶ **Font & Alignment:** Select the desired font size and style for the message using the left/right navigation keys. Select where to align text.
 - ▶ **Colour:** Select the desired foreground colour using the left/right navigation key. Then, press the down navigation key and select the background colour using the left/right navigation key.
 - ▶ **T9 dictionary:** Select the language for T9 input mode. You can also deactivate T9 input mode by selecting **T9 off**.
 - ▶ **Exit:** Exits from the **New message** menu.
3. You can also send attachments with the message by pressing the right soft key [Insert], while you're entering a message.
- ▶ **Picture:** Sends and receives text messages that contain pictures, known as 'picture messages'. Several preset pictures are available in the phone and they can be replaced with new ones received from other sources.
 - ▶ **Sound:** If available, you can attach a sound to a short message.
 - ▶ **Text templates:** You can select a text template already set in the phone.
 - ▶ **Phonebook:** You can add phone numbers to the message.

- ▶ **Symbol:** You can attach special characters.

Write multimedia message (Menu-4-1-2)

A multimedia message can contain text, images, and/or sound clips. This feature can be used only if it is supported by your network operator or service provider. Only the devices that offer compatible multimedia message or e-mail features can receive and send multimedia messages.

You can create a multimedia message up to 10 slides. (approximately 100 KB)

1. After entering the subject of the message, press the OK key.
2. Key in the text message. Using the right soft key [Insert], you can insert a symbol, a picture, a sound, a voice memo, text templates, phone numbers stored in the phonebook or a signature.
3. Press the left soft key [Options]. The following options are available.
 - ▶ **Send:** You can send the multimedia message up to 6 recipients at the same time.
 - 1) Key in the phone number. You can also search the following options:
 - **Priority:** Set the priority of the MMS.



Messages

- **Validity period:** Set the duration for keeping the multimedia messages on the network server. Possible values are 1 hour, 12 hours, 1 day, 1 week and the maximum authorized by the network operator.
- **Delivery report:** Select **Yes** to activate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

3) Press the left soft key [Send].

- ▶ **Preview:** Select this option to check out the multimedia message you've created. Each slide is sequentially played back automatically. You can also move to another slide from the currently played slide using the left/right navigation keys. To replay the message, press the left soft key [Replay].
- ▶ **Save:** Saves the message in drafts or as a template.
- ▶ **Add slide:** Add a slide before or after the current slide.
- ▶ **Move to slide:** Select this option to move to another slide from the current slide.
- ▶ **Delete slide:** Deletes the current slide.
- ▶ **Set slide format:** You can set the following slide format.

- **Set timer:** Enter the timer in each field using the numeric keypad.

- **Set color:**

- ▶ **T9 dictionary:** Select the T9 language for T9 input mode. You can also deactivate the T9 input mode by selecting **T9 off**.
- ▶ **Exit:** Exits from the Write multimedia message menu.

Write email

(Menu-4-1-3)

- ▶ **Account:**
- ▶ **Access point:**
- ▶ **Signature:**

Inbox

Menu-4-2

You will be alerted when you have received messages. And they will be stored in the Inbox.

Press the left soft key [Menu] and select  **Inbox**. Or, you can take a shortcut by pressing the right navigation key () in standby mode.

In the Inbox, you can identify each message by icons. For detail, see the icon description below.

Icon	Description
	Multimedia message
	Short message
	SIM message
	Read
	Notified multimedia message

Each received message has the following options available. Press the left soft key [Options].

- ▶ **View:** You can view the selected message.
- ▶ **Reply:** You can reply to the sender with a text message or a multimedia message.
- ▶ **Forward:** You can forward the selected message to other recipients.
- ▶ **Return call:** You can call back to the sender.
- ▶ **Delete:** Deletes the selected message from inbox.
- ▶ **Extract:** You can extract picture, sound, sender's number, URL, email address and so on from the message. They will be saved in My folder, Contacts, or Bookmarks.
- ▶ **View information:** You can view the information of the message: the sender's address, subject (only for multimedia message), the date and time when the message has arrived, message type and size, and

the priority (only for multimedia message).

- ▶ **Replay:** You can replay the selected multimedia message. (Only for multimedia message)
- ▶ **Delete all:** Deletes all the messages in the inbox folder.
- ▶ **Receive:** When you receive a multimedia notification message, you need to select this option to download the multimedia message. (Only for multimedia notification message)
- ▶ **Cancel:** You can cancel downloading the multimedia message. (Only for multimedia notification message)

Mailbox

Menu-4-3

1. Select Mailbox.
2. Select 3mail to retrieve messages from the Server List.
3. To retrieve new messages in the Mail Header screen, select Retrieve to retrieve the new Mail Header List.
4. Select your desired message from the retrieved mail headers to retrieve the mail contents from the server.



Messages

You can use the following functions by using the left soft key [Options].

- ▶ **New message:** You can write a new message.
- ▶ **Reply with:** You can reply a selected message.
- ▶ **Retrieve:** You can retrieve a selected message.
- ▶ **Delete:** You can delete a selected message.
- ▶ **Open:** You can view the selected message.
- ▶ **Forward:** You can forward the selected message.
- ▶ **Save to contact:** You can save the sender's address to the contacts.
- ▶ **Mark / Unmark:** You can mark or unmark the selected message.

Outbox

Menu-4-4

All the messages you have sent are stored in the Outbox folder.

You can view the list and contents of messages. In the outbox message list, you can verify if the transmission was successful. If the transmission was failed, "(Failed)" is displayed before the recipient. You can also check whether you have received the delivery report through the following icons.

Icon	Description
	Multimedia message
	Short message
	Delivery reported message

In each message, the following options are available by pressing the left soft key [Options].

 **The messages of which transmission was completed has the following options.**

- ▶ **View:** You can view the selected message.
- ▶ **Forward:** You can forward the selected message to other recipients.
- ▶ **Delete:** Deletes the selected message from outbox.
- ▶ **View information:** You can view the information of selected message: subject (only for multimedia message), the date and time when you sent it, message type and size, the priority (only for multimedia message), and recipients.
- ▶ **Delete all :** Deletes all the messages in the outbox folder.

 **The messages of which transmission is in progress has the following options.**

- ▶ **View :** You can view the selected message.
- ▶ **Send:** Select this to send it again.

Sent

Menu-4-5

Drafts

Menu-4-6

You can view the messages saved as a draft. The draft messages are listed with the date and time when they were saved. Scroll through the list using up/down navigation keys.

Icon	Description
	Multimedia message
	Text message

Each draft has the following options.
Press the left soft key [Options].

- ▶ **View:** You can view the selected message.
- ▶ **Edit:** You can edit the selected message.
- ▶ **Delete:** Deletes the selected message from the drafts folder.
- ▶ **Information:** You can view the information of selected message: subject (only for multimedia message), the date and time when saved, message type and size and the priority (only for multimedia message).

- ▶ **Delete:** Cancels transmitting the message and deletes the message.
- ▶ **View information:** You can view the information of selected message: subject (only for multimedia message), the date and time when you sent it, message type and size, the priority (only for multimedia message), and recipients.
- ▶ **Send all:** Sends all the messages of which transmission is in progress again.
- ▶ **Cancel all:** Cancels all the message transmission.
- ▶ **Delete all:** Deletes all the messages from drafts folder.