

CMCS GSM/GPRS Phone

Amadeus

User Guide



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Important Safety Precautions

When using this product, the safety precautions below must be taken against possible legal issues and damages.



SAFETY IN AIRCRAFT

The interference would be caused by this product to an aircraft's navigation system and its network. In most countries, using this product on board an airplane is against the law.



SAFETY FOR ENVIRONMENTS

Do not use this product in gas stations. Also the use of this product is prohibited in fuel storehouse, chemical plants and locations containing explosives.



SAFETY ON THE ROAD

Vehicle drivers in motion are not permitted to use telephony services with the handheld device, except in the case of emergency. In some countries, using hand-free devices as an alternative is allowed.



SAFETY ABOUT RADIATION

This product should be operated in the suggested normal condition only to ensure the radiative performance and safety of the interference.



SAFETY FOR MEDICAL EQUIPMENTS

This product may cause malfunctions of medical equipments. In most hospital or medical centers, use of this product is forbidden.

Attention



There are no user serviceable parts inside this product. If this product appears to be broken, call a qualified service personnel or send this product to your original dealer. Do not attempt to disassemble or repair this product as it may result in electric shock or unrecoverable damage to the product itself.



Keep this product out of reach of small children.



Store this product in its protective case in a cool dry place.



Do not throw the battery into fire or other heat source. Dispose of used batteries according to your local regulations.

**CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS**

Tips When Using

- Avoid using the product near metal structures (for example, large metal furniture or steel frames of a building). The transmission and reception of signal can be effected by these objects.
- Avoid using the product near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Avoid using the product right after dramatic change of temperature.

FCC Compliance Statement

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

FCC ID: QDJ-0302AMD01

Statement according to FCC part 15.21

Modifications not expressly approved by CMCS could void the user's authority to operate the equipment.

Statement according to FCC part 15.105

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF exposure

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. (Body-worn measurements may differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR

levels of various phones and at various positions, they all meet the government requirement for safe exposure.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 1.5cm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

- * American National Standards Institute (ANSI) IEEE. C95.1-1992
- * National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- * International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- * Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

SAR Information

THIS MODEL DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless mobile GSM phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

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

* National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986

* International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996

* Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile GSM phone employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory that contains no metal and that position the antenna of the GSM phone a minimum of 1.5cm from the body. The SAR values of this GSM phone are 1.52mW/g (body) and 0.347mW/g (head). Use of other accessories may not ensure compliance with the FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID QDJ-0302AMD01. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://www.devicefacts.net>.

* In the U.S. and Canada, the SAR limit for mobile GSM phone used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

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Making Your First Call



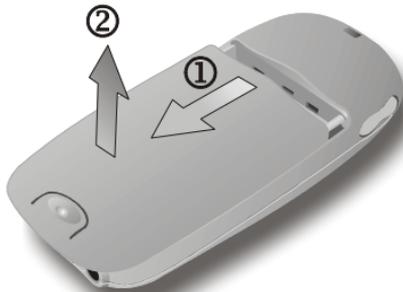
Installing SIM card

What is a SIM card?

The SIM (Subscriber Identification Module) card is a small plastic card with metal contact on it. You get this card after you subscribe to your operator. Your personal subscriber information is stored in the SIM card and you need to use this card in the phone to make/receive calls and access services provided by your operator.

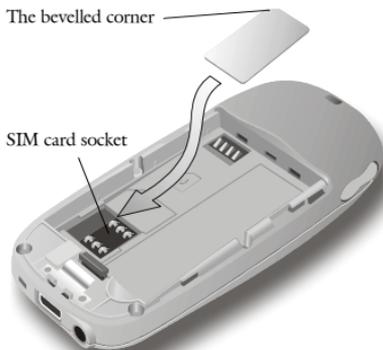
1

- Turn the phone face down.
- Open the back cover.



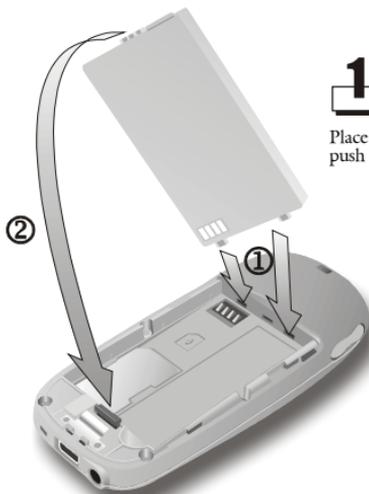
2

- Slide the SIM card into the SIM card socket.



Pay special attention to the SIM card when you install. The metal contacts can be damaged easily by scratches.

Installing and charging the battery



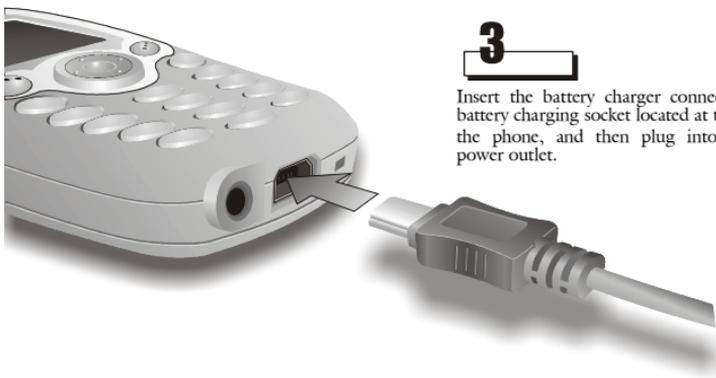
1

Place the top end of the battery on the back of the phone, then push the bottom end into the phone until you hear a click.

2

Install the battery cover as shown.





Insert the battery charger connector into the battery charging socket located at the bottom of the phone, and then plug into the electric power outlet.

Note

- When the battery is being charged, the bars of the charging status icon on phone screen scrolls. When charging is completed, the bars will stop scrolling.
- You can use the phone while charging, however, it will take longer to charge the battery.
- For future use of the battery, it takes approximately 3 hours to complete the recharging process.
- When battery power is low, low battery message will appear on the screen. Charge the battery immediately. If battery power runs out, the power of phone will be turned off automatically.

Turning on the phone

Press and hold the power key located on the top of the phone.



A welcome screen appears and you probably will be asked to enter your PIN code. Enter the PIN code and press **OK**. If you accidentally typed a wrong number, press **Clear** to erase it.

Note

For convenience of operation, your phone is equipped with two soft keys. You can press a softkey to execute the function that is indicated on the screen. In this manual, “press **OK**” refers to “press the softkey under **OK** that is displayed on the screen”.

Press this soft key to confirm the PIN code you entered.



Making Your First Call

After the PIN code is verified, you will be prompted to enter current time and date. Enter the information and press **OK**.

The phone will start searching for the network to use. If network is available, the operator name, signal strength and some other icons will appear on the screen (see "Icons on the screen" on page 11 for details). This is called the standby mode of the phone.



Dialing the number

Enter the number you want to dial (including the area code) and press  key. If the phone number you entered is wrong, press **Clear** to erase a wrong number, or press and hold **Clear** to clear a whole line.

Ending the call

When you want to end the call, press  key (or press **End**). The call will be terminated.

Introduction to Your Phone



Parts of your phone and their names

Front view





Top view

Earpiece volume adjustment key

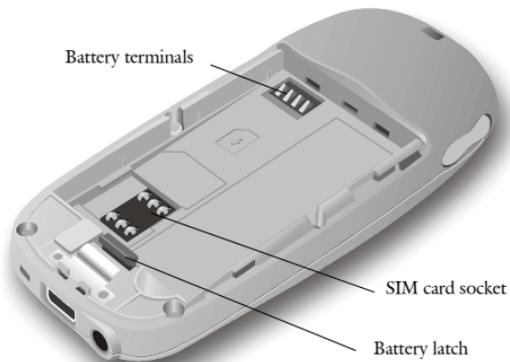
Power key

Bottom view



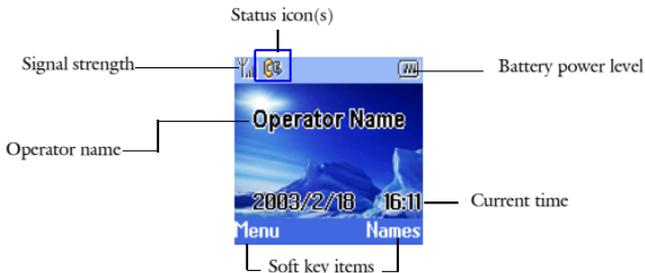
Earphone jack

Battery charger socket & Data cable connector



Rear view

Icons on the screen



Please refer to the table below for the icons that appear on the screen and their meanings.

Icon	Name	Description
	Signal strength	Shows the condition of signal reception. The more the number of vertical bars, the better the reception of signal (Appearance of 4 bars indicates the best signal reception).
	Battery power level	Shows remaining battery power. The more the number of vertical bars, the more the battery power (Appearance of 4 bars indicates that the battery is full). If battery power is near empty, charge it immediately. When charging, the vertical bars scroll until the battery is fully charged.
16:11	Current time	Shows current time. See "Setting up current time and date" on page 64 for how to set up current time.
2003/2/18	Current date	Shows current date. See "Setting up current time and date" on page 64 for how to set up current time.
Status icons		New text message
		Message full
		Appearance of this icon indicates that you have new unread text message(s). This icon appears when the message storage is full. You need to delete some messages.

Introduction to Your Phone

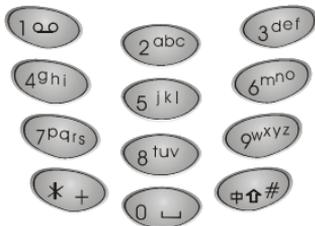
Status icons		New voicemail message	Appearance of this icon indicates that you have new voicemail messages.
		Roaming	This icon appears when you are roaming under another network.
		Line 2	If you speak with the second telephone line, this icon will appear. (See "Selecting a phone line to use" on page 56 for details)
		Vibrator on	This icon appears when the vibrator function is turned on.
		Silent	This icon appears when you turn off all sounds of your phone.
		Call divert	This icon shows that the call divert function is turned ON. (See "Call divert" on page 52 for details)
		GPRS mode	When your phone has been connected to the GPRS network, this icon will appear.
		Next call is set as fax call	This icon appears when you have set your phone ready to receive the next incoming call as fax call.
		Next call is set as data call	This icon appears when you have set your phone ready to receive the next incoming call as data call.
		Alarm	If you have activated the Alarm function, this icon will appear.
		Auto power off	If you have activated the Auto Power Off function, this icon will appear.
		New fax message	This icon appears when you have received a new fax message.
		New data message	This icon appears when you have received a new data message.
		New e-mail	This icon appears when you have received a new message in e-mail format.

The keys on the phone

Function keys

Key	Name	Description
	Power key	<ul style="list-style-type: none"> • Long press this key to turn phone power on or off. • When phone power is on, press this key to open the Profile Selection menu. (See "Selecting sound profile" on page 18 for details)
	Call key	<ul style="list-style-type: none"> • When there is an incoming call, press this key to answer the call. • After phone number is entered using alphanumeric keys, press this key to dial. • In standby mode, press to view the last dialed calls. Press again to dial.
	Cancel key	<ul style="list-style-type: none"> • Press to return to standby mode from the Main Menu. • If there is an incoming call, press to reject the call.
	Navigation key	Up <ul style="list-style-type: none"> • In standby mode, press to access Phone Book. • In Main Menu, press to scroll items up.
		Left <ul style="list-style-type: none"> • In standby mode, press to view missed calls. • In Main Menu, press to return to the previous menu level. • When entering text, press to move the cursor to the left.
		Right <ul style="list-style-type: none"> • In standby mode, press to view answered calls. • In Main Menu, press to go to the submenus. • When entering text, move the cursor to the right.
		Down <ul style="list-style-type: none"> • In standby mode, press to access Phone Book. • In Main Menu, press this arrow to scroll items down.
	Left/Right Soft keys	Press these soft keys to execute corresponding commands that appear above them on the screen.
Volume adjustment key		Press the key to adjust earpiece volume.

Alphanumeric keys



The alphanumeric keys on the phone can be used to enter numbers and letters. To enter phone numbers, press corresponding number keys directly. To enter letters, please see "Entering text" on page 22 for details.

Basic Operations



Turning on the phone

When phone power is off, press and hold the power key to switch it on.

If the PIN code protection function has been activated, you will be asked to enter your PIN code. Enter the code and press **OK**. You can also choose to turn off PIN code protection. Please see "Activating/deactivating PIN code" on page 69 for details.

A welcome screen will appear and the phone will start searching for its home network automatically. If the network is found, the operator and phone profile name, battery level icon and signal strength icon (and other icons if available) will appear on the screen.

Now the phone enters its standby mode. In this mode, you can:

- Press the right soft key to enter Phone Book.
- Press the left soft key to access Main Menu.
- Press **Up** or **Down** to browse your Phone Book records.
- Press **Left** to view missed call records.
- Press **Right** to view answered call records.
- Long press  key to access your voicemail box.
- Long press  key to access My shortcut.
- Press the power key to access Profile menu.

Turning off the phone

When phone power is on, long press the power key to switch it off.

Making a call

In standby mode, you can make an outgoing call in the following ways:

- Enter phone number using alphanumeric keys and press  key.
- Press  key two times to redial the last dialed call.
- Press  key to view last dialed call records.
Scroll to the one you want to call.
Press  key to dial.
- Press **Left** to view missed call records.
Scroll to the number you want to call.

- Press  key to dial.
- Press **Right** to view answered call records. Scroll to the number you want to call.
Press  key to dial.
- Find a phone number in the Phone Book and press  key to dial.
- Long press alphanumeric keys  ~  to dial the phone number located #2 ~ #9 in the Phone Book. (You must set up Speed Dial and activate such function first. Please see "Setting up Speed Dial" on page 30 and "Speed dialing" on page 57 for details)

Note

Inserting pause

To insert a pause after phone number (used when there is an extension number following the phone number), long press  key until **P** appears.

For example, to call extension number 234 after the number 1234567, enter 1234567 and then long press  key to insert a **P**, then enter the extension number 234.

Making an international call

To make an international call:

1. Long press  key to insert a + (international dialing prefix).
2. Enter the recipient's country code and area code (omit the starting 0).
3. Enter the recipient's phone number.

During a call, the call time counter will appear on the screen, letting you know the time you spent on the call.

Making an emergency call

Press    (or any other emergency number specified by your operator) and then  key. Depending on your operator, the emergency call can be made even when there is no SIM card in the phone.

Answering a call

Your phone rings or vibrates (or remains silent, according to the setting of sound profile) when an incoming call is received. Meanwhile, the caller's name (if the caller's name can be found in your Phone Book) or number will appear on the screen. Otherwise, "Unknown" will appear instead. You can:

- Press  key (or any key on the phone except  key, if the AnyKey Answer function has been turned on) to answer the call.
- Press  key to reject the call.

Ending a call

Press  key to end a call. Depending on your setup in Session information (see "Session information" on page 51 for details), the session information may appear on the screen.

Missed call message

If you have missed calls, the number of missed calls will appear on the screen. You can press [Detail](#) to view detailed missed call records, or [Exit](#) to clear the screen and return to standby mode.

Adjusting earpiece volume

During a phone call, press the volume adjustment key to increase/decrease earpiece volume.

Selecting sound profile

1. Press the power key in standby mode. The sound profiles menu will appear on the screen.
 2. Scroll to desired profile and press [Select](#).
- You can also customize these profiles. See "Customizing a sound profile" on page 60 for details.

Options during a call

During a call, you have the choice to access several in-call options. To access these options:

1. Press **Options** during a call.
2. Scroll to a desired item in the In Call Option menu that appears.
3. Press **Select** to select it.

Making a new call

To make a new call during a call:

1. Highlight **Dial new call** in the **In Call Option** menu and press **Select**.
2. Enter the phone number of the second call and press  key.

Answering a new incoming call

If you have a new incoming call when you are already on a call, new incoming call message will appear on the screen. Press  key to put current call on hold and answer the new call. Press  key to end (or reject) the new incoming call and you will be connected to the old call automatically.

Transmitting DTMF tones

This feature allows you to send DTMF tones during a call. For example, when you are asked to enter your bank account number during a telephone banking service call.

To transmit DTMF tones:

1. Highlight **Send DTMF** in the **In Call Option** menu and press **Select**.
2. Enter the number you are asked to.

Ending calls

This feature allows you to end current call or end one of the calls on progress on a multi-party call.

To end current call:

Highlight **End Calls** in the **In Call Option** menu and press **Select**.

- To end one call on a multi-party call, highlight the call party you want to end and press **Select**.
- To end all calls, highlight **All** and press **Select**.

Consulting Phone Book

During a call, you can use this function to consult names and numbers in the Phone Book. For details about Phone Book, please refer to "Phone Book" on page 25.

To consult Phone Book during a call:

1. Highlight **Phone Book** in the **In Call Option** menu and press **Select**.
2. You will enter the Phone Book menu. You can search for a name and number or add a new number..., etc.

Accessing Main Menu

During a call, you can use this function to access the Main Menu. For details about Main Menu, please refer to "The Main Menu" on page 36.

To access Main Menu during a call:

1. Highlight **Main Menu** in the **In Call Option** menu and press **Select**.
2. The Main Menu will appear on the screen.

Muting/unmuting the microphone

If you don't want the calling party to hear your voice, you can use this function to mute the microphone.

To mute the microphone during a call:

Highlight **Mute** in the **In Call Option** menu and press **Select**.

To unmute the microphone:

Highlight **unmute** in the **In Call Option** menu and press **Select**.

Holding/unholding a call

If you have multiple calls in progress, you can use this function to hold one of the calls.

To hold a call:

1. Highlight **Hold** in the **In Call Option** menu and press **Select**.
2. Select the call you want to hold in the menu that appears.
3. Press **Select**.

To unhold calls:

1. Highlight **Unhold** in the **In Call Option** menu and press **Select**.
2. Select the call you want to unhold in the menu that appears.
3. Press **Select**.

Listening to your voice mail

When a new voice mail is received, the icon  appears on the screen. To listen to the new voice mail, long press  key in standby mode and connect to your voice mailbox.

Depending on your operator, you may need to configure your voice mailbox before you can use this function. Please refer to "Configuring voice mailbox number" on page 44 for how to setup your voice mailbox.

Reading messages

When a new message is received, new message alert will be generated (depending on your sound profile setting) and the new message prompt will appear on the screen.

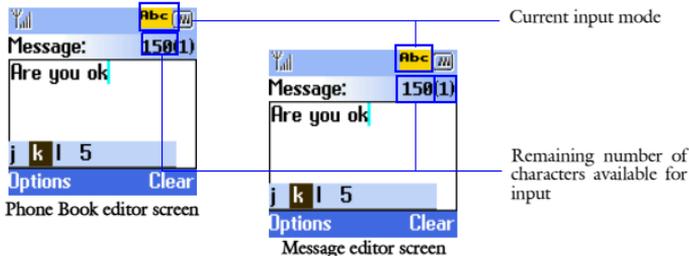
To read the new message:

1. Press **Detail** to go to the list of received messages.
2. Scroll to the message you want to read and press **Select**.

Entering Text

The phone provides several input methods that enable you to enter text in Phone Book, write a message..., etc. You can also switch among these input methods easily.

When you add a new entry to your Phone Book (see "Adding a Phone Book entry" on page 26) or write a new message (see page), the following text editor screen appears:



Selecting an input mode

1. Press **0** key. Available input modes will appear on the screen.
2. Scroll to the desired input method and press **Select**. The selected mode will appear on the upper right corner of the screen.
 - **abc mode**: Allows you to enter lower case letters.
 - **ABC mode**: Allows you to enter upper case letters.
 - **Abc mode**: The first letter entered is automatically capitalized.
 - **123 mode**: Allows you to enter numbers.
 - **Punctuation (.,!?:) mode**: Enter punctuation marks.

Entering text

- Press a key and the corresponding letters will appear in a bar on the lower part of the screen.



- Press the key several times to highlight the desired letter (or number) and it will be entered when the bar disappears. You can also proceed to enter the next letter when the desired letter (or number) is highlighted. The remaining number of letters you can enter is shown on the upper right corner of the screen.

The table below shows the mapping of each key and the corresponding letter in different input modes.

Keys	Input Modes		
	ABC	abc	123
0	+ - 0 K * / = > < #		0