

(Back cover)

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FX2000xg

2005. 10.10

REV.00

WELCOME

Congratulations on your purchase of a FX2000xg product!

Product registration is an important step toward enjoying your new product. Registering helps us facilitate warranty service, and permit us to contact you should your product require an update or other service. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records.

For warranty service of your Motorola branded product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Please read important safety instructions on page 2 before use.

Read and understand all instructions before use.

Please retain this guide for future reference.



Hereby, BRIGHTSTAR Corp., declares that this unit is in compliance with the relevant provisions of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.

Hereby, BRIGHTSTAR Corp. declares that this unit is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. This product carries the CE-Mark in accordance with the related European Directives.

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1. SAFETY INFORMATION

SAFETY INFORMATION FOR FIXED PHONES

For the safe and efficient operation of your phone, observe the following guidelines:

When using this phone, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury. Read this information before using your phone.

1. Read and understand all instructions.

Follow all warnings and instructions marked on this unit.

2. Unplug this unit from AC outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

3. Do not use this unit near water, for example, near a bathtub, washbowl, kitchen sink, or similar.

4. Place this unit securely on a stable surface. Serious damage and / or injury may result if the unit falls.

5. Do not cover the slots and openings on the unit. They are provided for ventilation against overheating. Never place the unit near radiators, or other sources of heat, or in a place where proper ventilation is not provided.

6. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home or office, consult your dealer or local power company.

7. Do not place objects on the power cord. Install the unit where no one can step on or trip on the cord.

8. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.

9. Never push any objects through the slots in the unit. This can result in the risk of fire or electric shock. Never spill any liquid on the unit.

10. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized dealer when service is required. Opening or removing covers may expose you to dangerous voltages or other risks and may void the warranty. Incorrect reassembly can result in electric shock when the unit is subsequently used.

11. Unplug the unit from the wall outlet and refer to an authorized dealer when the following conditions occur:

- a. If liquid has been spilled into the unit.
- b. If the unit has been exposed to rain or water.
- c. If the unit does not work normally by following the operating instructions. Adjust only the controls covered by the operating instructions. Improper adjustments may damage the unit.
- d. If the unit has been dropped or is physically damaged.
- e. If the unit exhibits a distinct change in performance.
- f. When the power cord or plug is damaged or frayed.

12. Do not use this unit to report a gas leak when in the vicinity of the leak.

13. NEVER attempt to remove the antenna while the phone is in use or switched on. Always disconnect the AC supply and remove the batteries before disconnecting the antenna. Failure to take this precaution may result in damage to the phone and void the warranty.

14. The batteries are for emergency backup only. Connect the AC supply and confirm that the telephone is working normally before installing the batteries. This phone is not intended for use without the AC adapter.

15. In the event of power failure the call may be disconnected.

16. Replace the batteries every six months to ensure proper service in the event of power failure.

17. Making changes to the Network Settings section may prevent the phone from functioning normally.

EXPOSURE TO RADIO FREQUENCY (RF) ENERGY

Your wireless telephone is a high power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure

guidelines with safety levels for handheld wireless phones. Those 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).

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

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.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

RF ENERGY INTERFERENCE / COMPATIBILITIES

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

MEDICAL DEVICE

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- Not carry the phone in the breast pocket
- Use the opposite ear of the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

OPERATIONAL WARNING

For Vehicles with an Air Bag

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

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

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

BATTERIES

Batteries can cause property damage and / or bodily injury such as burns if conductive materials such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects. Use only FX2000xg original batteries and chargers.

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

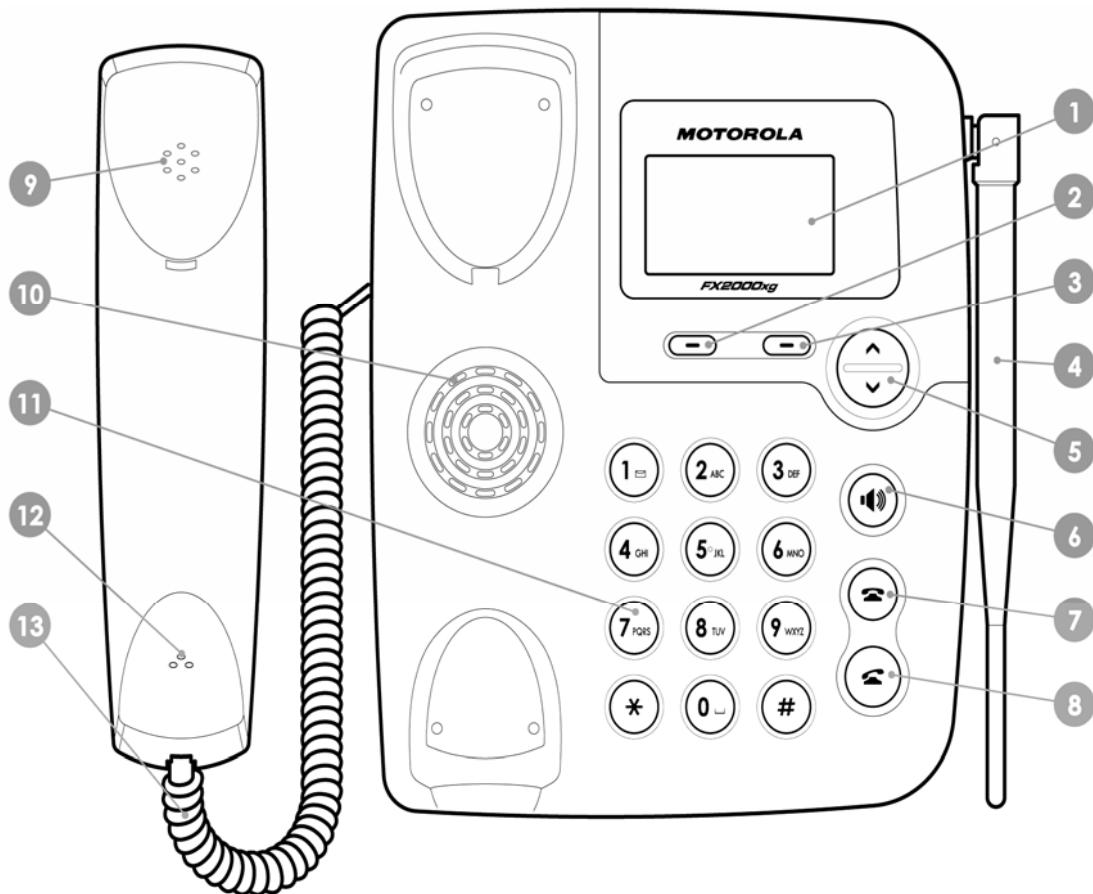
Symbol	Definition
	Important safety information will follow
	Your battery or phone should not be disposed of in a fire
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash

Seizures / Blackouts

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

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

2. PREPARE YOUR PHONE FOR USE



Before using your phone, phone must be setup as the following instruction.

2.1. Install the coiled cord.

- Connect the coiled cord to both the handy and the base.
(Picture added)

2.2. Plug the AC / DC adaptor

- Connect the adaptor to the AC Wall outlet.
(Picture added)

2.3 Back up Battery

- Remove the battery door
- Insert the rechargeable battery pack into the battery compartment.
- Place the battery door

(Picture added)

Note: Battery pack is a backup for emergency case of power failure. Do not operate the phone without the AC/DC Adaptor connected.

Be sure to carefully match the positive and negative terminals as shown in the battery.

Caution:

- SIM card for this Fixed Wireless Phone is prohibited to use in other GSM mobile phones. Once SIM pin number is entered, SIM pin is automatically changed so initial PIN is no longer valid. Therefore, it is highly recommended not to take out the SIM card once it is installed in this product.
- DO not bend or scratch your SIM card, and avoid exposing it to static electricity, water, or dirt.

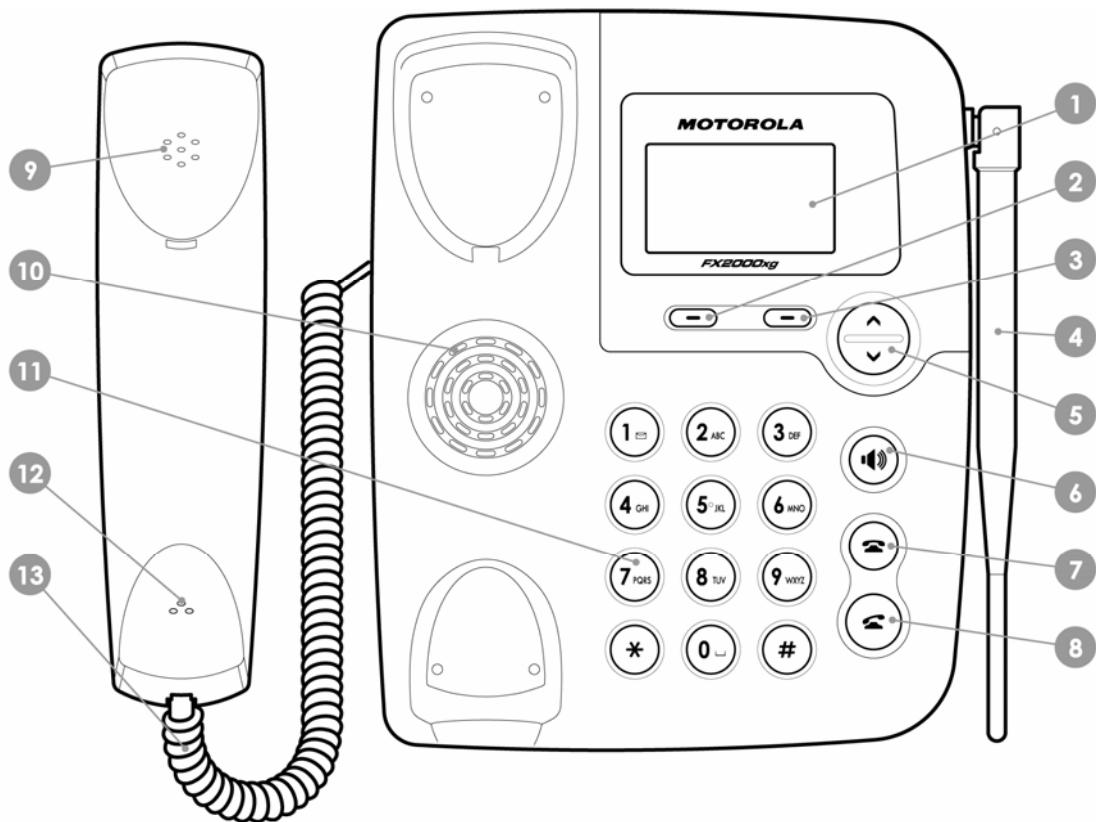
3. FEATURE HIGHLIGHTS

- Dial tone generation
- Desktop Form factor
- Auto Dialing
- Voice mail
- Short Message Service
- Long Message Service up to 450 characters
- Emergency call
- Call logs
- Call restriction
- Caller ID
- Clock with alarm
- Calculator
- Graphic bigger display
- Blue back light for LCD and keypad
- Multi ring tone
- Speakerphone
- Multi language (English, Spanish, Portuguese)
- 200 phone book memory (100 phone book in the phone, 100 in SIM card)
- Rechargeable battery
- TNC antenna connector (50ohms) for charging external antenna
- Wall mount (Optional)

4. ABOUT THE PHONE

This phone operates in a different band. It supports dual band (850MHz / 1900MHz) or dual band (900MHz / 1800MHz)

4.1 Name



4.2 Key functions

4.2.1 Menu / Selection / Name key

- Press the left key to perform the function (menu) indicated by the text on the screen above the key.
- Press the right key (name) to directly enter to the phone book list.

4.2.2 Send key

- Press to make a call to a name / number shown on the screen.
- Press to answer a call.
- Press once to enter to the list of recently dialed numbers.

4.2.3 End key

- Press to end a call.
- Press once to exit a function and to return to the start screen.

4.2.4 0 ~ 9 , *

- Used for entering numbers and letters.
- Press and hold  to call the voice mailbox.
- Press  to toggle between upper case, lower case and numeric modes.

4.2.5 Scroll keys

- Press to increase the earpiece and ring volume.
- Press to decrease the earpiece and ring volume.

4.2.6 Using the selection keys

The functions of the selection keys depend on the guiding texts shown above the keys.

For example, when the text **MENU** is above the left selection key, press  left key enters the menu functions. Similarly, pressing the right selection right key  under the text **NAME** accesses the phone book functions.

4.2.7 Using the scroll keys

The phone has two scroll keys,  located just below the screen.

The scroll keys have up and down arrows on them; press these to scroll through the phone's menus.

4.2.8 Speaker button

- Turn on and off the speaker in the conversation mode.

4.3 About display indicators and icons

The display indicators and icons inform about the operation of the phone.

4.3.1 Start screen

The start screen displays when the phone is turned on. Several features can be used only when the phone is at the Start Screen.

4.3.2 Scroll bar

When you access the phone's menu, there is a scroll bar at the far right of the screen. This bar indicates user's location in the menu: each "tab" on the bar represents a different menu item.



4.4 Indicators and icons

On your phone, you have two types of identifiers: indicators and icons. Icons are graphical representations of a specific item or situation. For example, an icon appears when you have a voice message waiting to be heard.

Indicators show the status of something. The phone uses three types of indicators:

- Signal strength indicator: This indicator shows the signal strength of the wireless

network at your current location. The higher the bar, the stronger signal. 

- Ringer volume indicator: When you press  upper key once during stand by, you are able to enter the ringer volume adjustment. Scrolling up and down the key adjusts the ringer volume higher or lower.

The list below shows what each icon means.

	You have an active call.
	You have a missed call.
	You have one or more new voice messages waiting.
	You have one or more unread text messages waiting.
	Any alpha characters you enter will be uppercase (capital letters). Press  to switch to lowercase.
	Any alpha characters you enter will be lowercase.
	Press  to switch to numeric mode.
	You are in numbers mode. After switching to this numbers mode, you cannot enter any alpha characters. You can enter only numbers.
	The alarm clock is set.
	Battery indicator
	Ring
	Keypad lock
	Line switch. Line 1

5. BASIC OPERATIONS

5.1 Switch the phone ON and OFF

Case 1:

- To turn the phone on, press and hold the  until the phone displays “Telcel” on the screen.
- To turn the phone off, press and hold the 

5.2 Make a call

Case 1:

- Deactivate the Key guard, if it is on.
- Pick up the handy and dial tone is generated.
- Enter the phone number including the are code and press 
- Press  to end the call or to cancel the call attempt. If handy is placed in a base, call is automatically terminated.

Note: The phone may generate heat during longer calls.

Case 2:

① Enter the phone number with the handset on the base.

② Press . The phone enters speaker mode.

Press  to end the call or to cancel the call attempt. If pressing speaker button,

 call is automatically terminated.

Note: The number is automatically dialed 6 seconds later you press the number without pressing .

5.3 Answer a call

Case 1:

- When the handy is resting in its base, lift the handy.
- The ringing will stop and talk icon  will appear in the display.

Case 2:

When the phone rings, press send button.  The phone will be in speaker mode.

5.4 Speaker mode

You can make or answer a phone call by pressing  when the handset is on the cradle.

To make a call:

- Press  to turn on the speaker phone mode.
- If you hear the dial tone, press the number you want to connect to.
- Press .

Note: The call is automatically made without pressing  8 seconds you press the number.

To answer a call:

- When the phone rings, press  to turn on the speaker phone mode.

5.5 Adjust the Volume

5.5.1 Adjust the ring volume

You can adjust the ring tone volume by pressing the scroll keys on the phone.

- Press upper  to go into ring volume control screen.
- Press upper  to increase the volume.
- Press down  to decrease the volume.

5.5.2 Adjust earpiece volume

You can adjust the earpiece volume during a call by pressing the scroll keys on the phone.

- Press  upper to increase the volume.
- Press  down to decrease the volume.

Note : You can also adjust speaker volume with  when you are in speaker mode.

5.6 Redial the last-dialed number

The phone stores up to 10 recently dialed numbers. Stored numbers may be up to 20 digits long.

Press  for about two seconds to find the most recently dialed numbers.

Press  to scroll to the number you wish to dial.

Press  once.

Note: If no recently dialed numbers are stored, you are not able to use this function.

5.7 Caller ID

Caller ID is a network service that identifies incoming calls. Contact your service provider

to find out how to get this feature.

When Caller ID is active, your phone shows the caller's phone number during an incoming call, as long as this number is a part of your service provider's wireless network.

The wireless network lets you know if it does not recognize the caller's phone number. The wireless network will also let you know if the calling party has blocked the Caller ID feature.

If you have stored the name and number of the calling party in your phone book and that number is supported by the wireless network, the caller's name can also appear.

5.8 SMS and Voice Mail

A new SMS or Voice mail arrives,

- The back light of keypad is ON and the handy displays “New Message(s)” on the screen.
- The backlight is off if you lift up the handy from the base.

6. USE PHONE MENUS

6.1 Navigate menus

A menu is a list of choices you can make. Your phone menu has 7 sub menus. Each sub menu contains options that allow you to use the phone book, change the ringing tone, and so on. You can use menus and submenus in two ways: by scrolling or by using shortcuts.

6.1.1 Scroll through menus

- From the Start screen, press **MENU**, and then scroll through the menus using the 
- Use the scroll and selection keys to navigate the submenus and to return to the Start screen.

6.1.2 Use a shortcut

You can use a shortcut to get to options directly without scrolling through lists.

6.1.3 Exit menu levels

- To return to the previous menu level, press **BACK** or **CANCEL**.
- To return to the Start screen, press . No menu setting changes are saved.

6.2 List of Menus

Your phone's menu may differ from the following list, depending on the network services to which you have subscribed and the accessories you are using. If you have any questions, call your service provider.

1. Phone book
 1. Search Entry
 2. Add New Entry
 1. To SIM

- 2. To Phone
- 3. Delete All
 - 1. From SIM
 - 2. From Phone
- 4. Copy All
 - 1. From SIM
 - 2. From Phone
- 5. Owner Number
- 6. Memory Status

2. Messages

- 1. Write Message
 - Call Me Now
 - How about lunch?
 - Be right back
 - I am busy now...
 - Sorry
 - Thank you
 - How was the day?
 - Long time, we met
 - Lots of fun
 - How are you?

5. Message Settings

- 1. Profile Setting (MSC number, Validity, Type)
- 2. Common Setting (Delivery report, Reply Path)
- 3. Memory Status (SIM, Phone)

6. Voice Mail

- Number
- Erase

Connect to Voice Mail

7. Broadcast Message

1. Receive Mode (ON, Off)
2. Languages (all languages, English)
3. Channel (Select, Add, Edit, Delete)

3. Call History

1. Missed Calls
2. Dialed Calls
3. Received Calls
4. Delete Call Log
 1. Missed Calls
 2. Dialed Calls
 3. Received Calls
 4. Delete All

5. Call Time

1. Last Call Time
2. Total Sent
3. Total Received
4. Reset All time

6. Call Cost

1. Last Call Cost
2. Total Cost
3. Reset Cost
4. Max Cost
5. Price Per Unit

4. Settings

1. Phone Setup

1. Time and Date (Set Home City , Set Time / Date)
2. Language (English, Spanish, Portuguese)
3. Input Method (Multi Tap ABC, Multi Tap abc,

- Numeric)
- 4. Display (Off, Show date and Time, Show Owner Number)
- 5. Contrast
- 6. Greeting Text
- 7. Auto update of date and time (On, Off)
- 2. Call Setup
 - 1. Caller ID (Set by Network, Hide ID, Send ID)
 - 2. Call Waiting (Activate, Deactivate, Query Status)
 - 3. Call Forward
 - 1. All Voice Calls (Activate, Deactivate, Query Status)
 - 2. If unreachable (Activate, Deactivate, Query Status)
 - 3. If No Answer (Activate, Deactivate, Query Status)
 - 4. If Busy (Activate, Deactivate, Query Status)
 - 5. All Data Calls (Activate, Deactivate, Query Status)
 - 6. Cancel All Divert
 - 4. Call Barring
 - 1. Outgoing Calls
 - All Calls (Activate, Deactivate, Query Status)
 - International Calls (Activate, Deactivate, Query Status)
 - International Except Home (Activate, Deactivate, Query Status)
 - 2. Incoming Calls
 - All Calls (Activate, Deactivate, Query Status)
 - When Roaming (Activate, Deactivate, Query Status)
 - 3. Cancel All

4. Changing Barring PW
5. Line Switching (Line 1, Line 2)
6. Call Time Reminder (Off, Single, Periodic)
7. Auto Redial (On, Off)
8. Closed User Group (Edit, Activate, Deactivate)
3. Network Setup
 1. Network Selection (Automatic, Manual)
 2. Band Selection
 1. 850
 2. 900
 3. 1800
 4. 1900
 5. Dual band (850 and 1900)
 6. Dual band (900 and 1800)
 4. Security Setup
 1. Phone Lock (On, Off)
 2. Auto Key lock
 1. None
 2. 5 sec
 3. 30sec
 4. 1 min
 5. 5min
 3. Fixed Dial
 1. Mode (On, Off)
 2. Fixed Dial List (Name, Number)
 4. Barred Dial
 1. Mode (On, Off)
 2. Barred Dial List (Name, Number)
 5. Change Password
 1. PIN
 2. PIN 2
 3. Phone Lock

5. Restore Factory Setting

5. User Profiles

1. General

- 1. Activate
- 2. Customize

1. Tone Setup

- 1. Incoming Call (List of Tone)
- 2. Alarm (List of Tone)
- 3. Power On (List of Tone)
- 4. Power Off (List of Tone)
- 5. Message Tone (List of Tone)
- 6. Keypad Tone (Silent, Click, Tone)

2. Volume

- 1. Ring Tone
- 2. Key Tone

3. Ring Type

- 1. Repeat
- 2. Ascending

4. Extra Tone

- 1. Warning
- 2. Error
- 3. Camp On
- 4. Connect
- 5. Connect

5. Answer Mode

- 1. Any Key
- 2. Lift Answer

6. LCD Backlight

- 1. 5sec
- 2. 15sec
- 3. 30sec

4. 45sec

2. Meeting

1. Activate
2. Customize (Same as above tree)
3. Outdoor
 1. Activate
 2. Customize (Same as above tree)
4. Indoor
 1. Activate
 2. Customize (Same as above tree)
5. Headset
 1. Customize (Same as above tree)

6. Organizer

1. To do List
2. Alarm
3. Calculator

7. Short cuts (example)

1. User Profile
2. Inbox
3. Write Message
4. Missed Calls
5. Received Calls
6. To Do List
7. Alarm
8. Calculator
9. Call Forward
10. Search Entry

8. STK

7. ENTER LETTERS AND NUMBERS

You can enter letters, as well as numbers, when storing information into your phone by using your phone's keypad. To enter letters, press the key associated with the letter you wish to enter until it appears on the screen (numbers also appear).

7.1 Enter Letters

When you want to add new names or when you view names in the phone book, your phone automatically switches to the ABC mode and displays the **ABC** icon.

Key	Characters	Key	Characters
	., ? ! ' " : ; @ _ & 1		P Q R S 7
	A B C 2		T U V 8
	D E F 3		W X Y Z 9
	G H I 4		_ (space), 0 ()+ - * = # %
	J K L 5		\ / ~ < > f\$ ¥ § £ [] () ←
	M N O 6		Change letter case

Press a key once or several times to enter the letter(s) you want. For example, press

 three times to enter the letter C. The selection displays.

7.1.1 Edit name

To edit a name in the phone book:

- Use upper  to scroll the cursor to the left.
- Use down  to scroll the cursor to the right.
- Press **Clear** to correct any mistakes.

7.1.2 Change case of letters and numbers

You can switch the mode among uppercase and lowercase letters and numbers by pressing  `#`.

8. USE THE PHONE BOOK

8.1 About the phone book

New entries can be stored in the SIM card or in your handy.

You can store up to 100 entries in the phone and additional 100 in the SIM depending on SIM limitation.

Entries stored in the Phone allow numbers of up to 30 digits, and names of up to 16 characters.

In standby mode, you can press right  Name to enter immediately Phone Book List.

When the number is found pressing Name, you can select it and choose to View, Edit, Delete, Copy, Move and Send message.



8.2 Use phone book menus

The phone book has several menus to select from. These menus appear when you press **Name** and select number. Press right  option to select menu. Use  to scroll to the menu you want to use.

- **View** View name and number you selected.
- **Edit** Edit name and number you selected.
- **Delete** Delete single entry you selected.
- **Copy** Delete the complete entry of the selected name.
- **Move** Move name and number to the phone
- **Send Message** Write message and send to the number you selected.

8.3 Search Entry – by name

From the Phonebook menu, select Search Entry and press right  Ok.

Enter the first 1 or 2 letters of the name you need and press right  Search.

Select name using  to scroll and press right  option to select menu. Use  to scroll to the menu you want to use.

Note: You can retrieve phone book using quick access in idle screen. Press “N+#” for quick access. “N” means the order number for the specific number stored in SIM. The total number of N can be limited per SIM.

8.4 Add a new phone book Entry

To create a phonebook entry:

Press **Menu > Phonebook**.

Scroll to **[Add New Entry]** and press **Ok**.

Press **To SIM** or **To phone** depending on where you want to store the phone entry.

Press right  Edit to chose Name and number

Add Name and number

Press right  Ok to complete input

Press **Done** to save the change.

8.5 Delete All

You can delete all phonebook entries:

Press **Menu > Phonebook**

Scroll to **[Delete all]** and press **Ok**.

Press **To SIM** or **To phone** where you want to delete all phone book entries.

Press **Ok** to confirm the delete of all phone book entries.

Select **Yes** if you want to delete. Otherwise, select **No** to go back to previous menu.

Caution: *Note that this action cannot be undone once you perform this feature; all the stored information in your phonebook is deleted.*

8.6 Copy All Entries

You can use this function to Copy numbers in the SIM card to your fixed phone, or vice versa:

Press **Menu > Phonebook**

Scroll to **Delete all** and press **Ok**.

Press **From SIM** or **From phone** where you want to copy all phone book entries

from.

Press **Ok**

Select **Yes** if you want to copy. Otherwise, select **No** to go back to previous menu.

8.7 Owner Number

You can check, edit, erase and save your Owner Number:

Press **Menu > Phonebook**

Scroll to **Owner number** and press **Ok**.

Press **option** to chose **Edit** or **Erase**

8.8 Check Memory Status

You can check out memory status for phone book:

Press **Menu > Phonebook**

Scroll to **Memory status** and Press **Ok**

Check the memory status. For example, if you see “36/100”, it means the capacity is 100 entries and there are 36 entries saved.

Press **Back** to return to phone book menu.

Note: You can send a message from the phonebook menu. Please see 9.2.

9. SEND AND RECEIVE TEXT MESSAGES

You can send or receive text messages with your phone. Text messages that you receive can contain ring tones that you can store on your phone. It supports 450 characters and you can insert Use Template (already installed in your phone) to shorten the editing time.

After complete a message's contents, you can choose to send it out right away, or to save it as a draft.

- Write Message
- Inbox
- Outbox
- Template
- Message Settings
- Voice Mail
- Broadcast Message



9.1 Send a Text Message

You can send a text message to one or more recipients. You can manually enter each recipient's phone number, or you can select the numbers from the phonebook.

Note: The maximum length of a text message differs depending on the capabilities of the network from which it originated. Also, text messages may appear different at different times because messages can originate in networks other than your own.

Contact your service provider for more information about this feature.

Press **MENU > Messages**.

Scroll to the **Write Message** and press **Ok**.

You can create the message.

When you press **OPTIONS**, you can scroll to one of the following message options:

- **Done** Finish creating a message.
- **Use Template** Use stored message.
 - Call me Now
 - How about lunch?
 - Be right back
 - I am busy now...
 - Sorry
 - Thank you
 - How was the day?
 - “Long time, we met”
 - Lots of fun
 - How are you?

Scroll to **DONE** and press **Ok**.

Scroll to send options :

- **Send only** Send message to only one number
- **Save and Send** Save and send message to only one number
- **Save** Save a message as a draft
- **Send to many** Send message to maximum 10 numbers.
Press **Edit list** and pick up 10 numbers. To send a message, press **Back** and **Send Now**.

Note: You need to enter phone number or search the number from the phone list.

9.2 View Inbox / Outbox

When a message arrived, a pop-up message is displayed and a new message icon  appears. You can read it immediately, or read it later in your Inbox.

Outbox stores messages sent and saved.

Press **MENU > Messages**

Scroll to the **Inbox** or the **Outbox** and press **Ok**.

From the list, highlight the one you need and press **Ok**

When you press **Option**, you can scroll to one of the following message options:

- **Reply (Inbox)** Reply the chosen message.

- **Send(Outbox)** Send the chosen message.
- **Forward(Inbox)** Forward the chosen message.
- **Edit** Edit the chosen message.
- **Delete** Delete the chosen message.
- **Delete All** Delete all Inbox or Outbox messages.
- **Use Number** Extract and then dial or save the number(s) embedded in the message.

9.3 Use Template

The template consists of predefined or self-edit canned messages.

Press **MENU > Messages**

Scroll to the **Template** and press **Ok**.

From the list, select one you need and press **Option**

- **Edit** Edit the original template and continue to compose it. After finish editing, press **Ok** to Save directly.
- **Erase** Remove the template.

9.4 Message Settings

The configure settings of message include: Profile Setting, Common Setting and Memory status.

Press **MENU > Messages**

Scroll to the **Message Settings** and press **Ok**.

From the list, select one option you need and press **Ok**

- **Profile Setting** Each profile has a unique set of settings: Profile Name, Message Center (network service), Valid Period (Set the duration that your message is stored at the message center. Select 1 hour, 12 hours, 1 day, 1 week or maximum) and Message Type Text / Fax / Page / E-mail).
 - ✓ MSC(Message Service Center) phone number : The SMS Center Number is required to send messages. Ask your service provider for this

number.

- ✓ Validity: Set the period of time the message is stored in the service center. You can set the period for 1 hour, 12 hours, 1 day, 1 week, maximum. When the set period expires, the service center will delete all messages, even if the user does not receive the message.
- ✓ Type: When you set the message type, the network will convert the message to the type you have set.
- **Common Setting** Delivery Report (to receive the delivery report informing you when a message is delivered) and Reply Path (lets the recipient of your message send you a reply message through your message center if provided by your network.).
- **Memory Status** Check out memory status in the SIM and in Phone. It shows percentage for used memory. For example, SIM: 30% means 30% used in SIM card out of 100%.
Note: After SMS memory in SIM card is full, the phone starts using memory in the phone.

9.5 Use Voicemail (Network Service)

You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network voicemail box, not on your phone.

Press **MENU > Messages**

Scroll to the **[Voice mail]** and press **Ok**. If there is no network service numbers listed, “Empty” is displayed; press **Ok** and then select **Edit** to create one.

From the list, select one option you need and press **Ok**

- **Empty & Edit** Enter or modify the network service number.
- **Erase** Delete all pre-saved info of the chosen Voice Mail Server.
- **Connect to Voice** Dial the network service number and connects you to the voice mail service.

Note: Press and hold  to call the voice mailbox. If there is no voice mail, “No

Number to dial” message pops up.

9.6 Broadcast Message (Network Service)

You can receive broadcast message regularly from your service provider.

Press **MENU > Messages**

Scroll to the **Broadcast Message** and press **Ok**.

From the list, select one option you need and press **Ok** or **Change**

- **Receive Mode** On/Off.
- **Languages** Select the languages of the broadcast message. It has two selections All Languages and English.
- **Channels** You can either Select, Add, Edit or Delete broadcast channels. You can set up to 10 channels which have 3 digits and save those in the SIM. By factory setting, the default is “Off”, so you need to turn it “On” if you want to use this option.

10. USE CALL HISTORY

The Call History keeps track of:

- Missed Calls
- Dialed Calls
- Received Calls
- Delete Call Log
- Call Time
- Call Cost



Note: *Your phone can store up to 30 call numbers including missed, received and dialed call.*

When you miss a call(s), the message Missed calls  icon appears on your phone's screen. You can press **Read** to view Missed Calls list or press **Back** to ignore the message and go back to Standby. The records will be stored in Call History.

You are notified of missed calls only when your phone is turned on in the service area from which the missed call originated.

10.1 Check Missed / Dialed / Received Calls

Press **MENU > Call History**

Select **Missed Calls** or **Received** or **Missed Calls** and press **Ok**.

From the list of records, select one that you need and press **Ok**

Screen shows Call Info. Including Number, Date, Time and Counter.

Press **Option** for the following options.

- **Delete** Delete the chosen record.
- **Save** Save this number into to SIM Card or to Phone. You can choose to save this entry to the SIM card or to the Phone.
- **Dial** Dial the chosen number.
- **Edit** Edit the number and then save it to the Phone Book or SIM card. You can chose to save this entry to the SIM card or to the Phone.

Note: In Standby, the icon  indicates there are unread missed call records.

10.2 Delete Call Log

You can choose to delete Missed Calls, Dialed Calls or Received Calls and delete All.

Press **MENU > Call History**

Select **Delete Call Log** and press **Ok**.

Select **Missed Calls, Dialed Calls**, or **Received Calls** and press **Ok**.

Press **Yes** to delete or press **No** to quit.

You can also delete all with selection **Delete All** and Press **Ok**.

Caution: Note that this action cannot be undone once you perform this feature, all the stored information in your log is deleted.

10.3 Track / Reset Time Records.

In Call time menu, you can check:

- **Last Call Time** Check the duration of the last call.
- **Total Sent** Check the total duration of all outgoing calls.
- **Total Received** Check the total duration of all received calls.

You can select Reset All Time to reset the timer.

Press **MENU > Call History** and **Ok**

Select **Call Time** and press **Ok**.

Scroll to the **Reset All Time** and press **Ok**.

Delete? Message pops up. Press **Yes** to reset or **No** to quit.

Caution: Note that this action cannot be undone once you perform this feature, all the stored information in your log is deleted.

10.4 Check / Set / Reset Call Cost.

In Call Cost, you can check:

- **Last Call Cost** Check the cost of the last call.
- **Total Cost** Check the cost of all calls.

- **Reset Cost** Reset the cost record. You need to enter the PIN2 number to use this function.
- **Max Cost** This menu sets the maximum call cost you can use.
Select Max Cost, then a message appears asking you to enter PIN2 in the screen.
Enter the PIN2 in the screen.
Then, the screen appears where you can enter the max credit.
Enter the new max credit.

Caution: *if PIN2 is entered incorrectly three times, you cannot start this function.*
Refer to the section 16, Trouble shooting to solve this problem.

- **Price Per Unit** Enable you to input the current unit price so the phone can estimate the cost.PIN2 code is required.

Press **MENU > Call History**

Press **Call Cost** and Press **Ok**

Scroll to the follow options :

Select **Last Call Cost** to view the cost of the last call and Press **Ok**

Select **Total Cost** to view the cost for all calls Press **Ok**

Select **Reset Cost** and press **Ok**. Input PIN2 code and press **Ok**. Contact service provider for detailed operations if necessary.

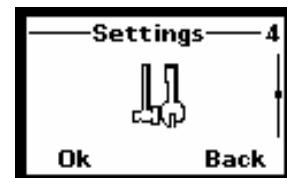
Select **Max Cost** and press **Set**. Input PIN2 code and press **Ok**. Contact service provider for detailed operations if necessary.

Select **Price Per Unit** and press **Set**. Input PIN2 code and press **Ok**. Contact service provider for detailed operations if necessary.

11. SETTINGS

Setting menu includes:

- Phone Setup
- Call Setup
- Network Setup
- Security Setup
- Restore Factory Settings



11.1 Phone Setup

11.1.1 Set Time and Date / Home City

This menu guides you to set Home City, Time/Date.

- **Set Home City** Set the correct city where you are using this phone, so you can ensure the correction of World Clock.
- **Set Time/Date** Set the correct date and time to ensure the Alarm is working correctly.

Set Home City:

Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Time and Date** and then press **Ok**.

Select **Set Home City** and press **Ok**.

Scroll to the city where you are using this phone and Press **Ok**

Set Time / Date:

Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Time and Date** and then press **Ok**.

Select **Set Time / Date** and press **Ok**.

Press **Change** and use numeric keys to input current date and time and Press **Ok**.

After finishing, Press **Done**

Save? message pops up. Press **Yes** to complete or **No** to quit.

11.1.2 Select Language

You can select the language you need. The phones currently support three languages (English, Spanish, and Portuguese)

Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Language** and then press **Ok**.

Select the language you need and press **Ok**

11.1.3 Input Method

The chosen input method will be used as the main input method while editing.

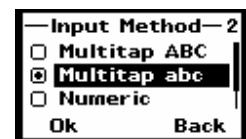
Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Input Method** and then press **Ok**.

Scroll up and down arrow key to select one method and press **Ok**

- Multitap ABC
- Multitap abc
- Numeric



11.1.4 Change display setup

In Display menu, you can set your favorite Display Characteristic to show Date and time or Owner Number.

Show Date and Time:

You can choose whether to display date and time in Standby screen or not.

MENU > Settings

Press **Phone Setup** and Press **Ok**

Select **Display** and then press **Ok**. Toggle Show Date and Time and press **Ok**

Show Owner Number

You can choose whether to display your phone number (or name) in Standby screen or not.

Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Display** and then press **Ok**.

Toggle Show Owner Number and press **Ok**

11.1.5 Set Contrast

There are 15 levels for LCD Contrast.

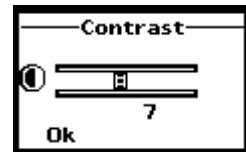
Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Contrast** and then press **Ok**.

Adjust contrast using ,  key

Press **Ok** to complete.



11.1.6 Greeting Text

The Greeting phrase is shown after power-on animation.

On / Off status:

Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Greeting Text** and then press **Ok**.

Select On or Off depending on your current greeting text status and press **change**.

Toggle On or Off using  key to set Status to On or Off

Press **Ok** to complete.

Change Text:

Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Greeting Text** and then press **Ok**.

Press below  to highlight the Greeting Text and press **Edit**.

Edit the greeting text and then press **Ok**.

11.1.7 Auto update of date and time

This is a network or subscription dependent service.

If the function is enabled, the phone pops you NITZ (Network Identity Time Zone) messages and inquires you to change the date and time for the phone.

Press **MENU > Settings**

Press **Phone Setup** and Press **Ok**

Select **Auto Update of date and time** and then press **Ok**.

Toggle On or Off.

11.2 Call Setup

11.2.1 Caller ID

You can choose to send/hide your phone number to/from the calling party.

Press **MENU > Settings**

Press **Call Setup** and Press **Ok**

Press **Caller ID** and Press **Ok**

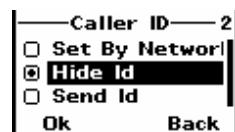
Toggle **Set by Network** or **Hide Id** or **Send Id** and then press **Ok**.

Toggle On or Off.

- **Set By Network** Accept the default value set by Network.

- **Hide Id** Not to show your phone number to the calling party.

- **Send Id** Show your phone number to the calling party.



11.2.2 Call waiting (Network service)

Call Waiting is a network or subscription dependent service.

If set to Activate, Call Waiting feature enables the network to remind you other

incoming calls during a call in progress.

- Press **MENU > Settings**
- Press **Call Setup** and Press **Ok**
- Press **Call Waiting** and Press **Ok**
- Select **Activate**, or **Deactivate** or **Query Status** and then press **Ok**.
 - **Active** Activate Call Waiting function.
 - **Deactivate** Deactivate Call Waiting function.
 - **Query Status** Check current Call Waiting setting status.

11.2.3 Call Forward

Call Divert is a network or subscription dependent service. It allows you to forward a call to another number, based on different conditions.

- Press **MENU > Settings**
- Press **Call Setup** and Press **Ok**
- Press **Call Forward** and Press **Ok**
- Select One of options below and then press **Ok**.
 - **All Voice Calls** Divert all incoming calls to designated number.
 - **If Unreachable** Divert all incoming calls when the phone is not reachable due to some network error or other reasons.
 - **If No Answer** Divert the incoming call if it is not answered.
 - **If Busy** Divert all incoming calls when there is at least one call in progress.
 - **All Data Calls** Divert all incoming data calls.
 - **Cancel All Divert** Deactivate Call Divert function.
- Select Active, Deactivate or Query Status and press **Ok**.
 - **Activate** Activate the chosen Call Divert option. Type the number you want a call to be forwarded to. You can also choose the number from your phone book pressing **Searching**.
 - **Deactivate** Deactivate the chosen Call Divert option.
 - **Query Status** Check current Call Divert setting status.

11.2.4 Call Barring (Network Service)

Call Barring is a network or subscription dependent service.

This feature allows you to restrict or bar certain or all types of calls to and from your phone.

Press **MENU > Settings**

Press **Call Setup** and Press **Ok**

Press **Call Barring** and Press **Ok**

Select One of options below and then press **Ok**.



Outgoing Calls:

- **All Calls** Bar all outgoing calls.
- **International Calls** Bar all outgoing international calls.
- **International Except Home** Prevent users from making any international calls other than to home PLMN.

Incoming Calls:

- **All Calls** Bar all incoming calls.
- **When Roaming** Bar all incoming calls when the phone is roaming.

Cancel All: Password is required.

Select **Active, Deactivate** or **Query Status** and press **Ok**.

- **Activate** Activate the chosen Call Barring option.
- **Deactivate** Deactivate the chosen Call Barring option.
- **Query Status** Check current Call Barring setting status.

Note: To active and Deactivate Outgoing, Incoming, and cancel calls, the SIM password is required. Contact your cellular phone provider.

11.2.5 Line Switching (Network Service)

Line Switching is a network or subscription dependent service.

This feature allows you to switch different lines base on your needs.

Press **MENU > Settings**

Press **Call Setup** and Press **Ok**

Press **Line Switching** and Press **Change**

Toggle **Line 1** or **Line 2** and press **Ok** to switch different lines.

11.2.6 Call Time Reminder

Call Time Reminder alerts every specific time period to remind you the call duration.

Press **MENU > Settings**

Press **Call Setup** and Press **Ok**

Press **Call Time Reminder** and Press **Ok**

Toggle One of options below and then press **Ok**.

- **Off** Set Call Time Reminder to Off.
- **Single** Reminder beeps once. You have to set reminder time value (1-3000 sec.)
- **Periodic** Reminder beeps periodically every minute at the number of seconds you set. You have to set reminder time value (30-60 sec.).

For the Single and Periodic option, you need to type a time value using keypad and press **Ok**.

11.2.7 Auto Redial

Set Auto Redial to On enables the phone to keep trying dialing if the called party is not available.

Press **MENU > Settings**

Press **Call Setup** and Press **Ok**

Press **Auto Redial** and Press **Change**

Toggle On or Off and then press **Ok**.

11.2.8 Closed User Group (Network Service)

This feature allows you to program specific call-out and call-in rules. This is especially suitable for use in offices and restricts phones to company use.

You can create up to 1 group.

Press **MENU > Settings**

Press **Call Setup** and Press **Ok**

Press **Closed User Group** and Press **Ok**

Screen shows the options, Edit, Active and Deactivate.

- **Edit** Edit the group name.
- **Activate** Activate the user group.
- **Deactivate** Deactivate the user group.

11.3 Network Set up

11.3.1 Network Selection

You can set the phone to automatically search the most suitable network to camp on; or to manually select the network you need.

Press **MENU > Settings**

Press **Network Setup** and Press **Ok**

Press **Network Selection** and Press **Ok**

Select **Automatic** or **Manual** and press **Ok**. If **Manual** is selected, the phone starts searching available networks. Use the up and down key to browse the network list, and press **Ok** to set the highlighted network.

11.3.2 Band Selection

There are 3 options available: 900, 1800 and Dual Band (900&1800). Or 850, 1900 and Dual Band (850&1900)

Press **MENU > Settings**

Press **Network Setup** and Press **Ok**

Press **Band Selection** and Press **Ok**

Select the option you need and press **Ok**

11.4 Security Setup

There are 5 options available:

- **Phone Lock** Prevent unauthorized use of the phone.
- **Auto Key Lock** Prevent accidentally pressing the keypad in Standby.



- **Fixed Dial** The phone can dial out and send message only the those numbers set in Fixed Dial list.

Caution: You should know PIN2 to user the Fixed Dial function. If pIN2 is entered incorrectly three times in a row, you cannot use this function.

- **Barred Dial** The phone cannot dial out the numbers set in Barred Dial list.
- **Change Password.** Change PIN, PIN2 or Phone Lock passwords.

11.4.1 Phone Lock

The default password is “0000”.

Press **MENU > Settings**

Press **Security Setup** and Press **Ok**

Press **Phone Lock** and Press **Ok**

Toggle On or Off to lock or unlock phone.

Enter 4~8 digits password and press **Ok**.

11.4.2 Auto Key Lock

If you don't press the key for a certain period of time (default time or set by the user), keys are automatically locked in order to prevent accidentally pressing keys.

Press **MENU > Settings**

Press **Security Setup** and Press **Ok**

Press **Auto KeyLock** and Press **Ok**

Toggle None to deactivate Auto Keypad Lock; or select timer duration: 5 sec., 30 sec., 1 min. or 5 min and Press **Ok**

Note: When the key is locked, screen shows “unlock” in left bottom side. Press the Unlock soft key then a, message “Press # to unlock” appears.. Press # to unlock.

11.4.3 Fixed Dial

Fixed Dial is a network or subscription dependent feature.

Press **MENU > Settings**

Press **Security Setup** and Press **Ok**

Press **Fixed Dial** Press **Ok**

Select **Mode** and toggle **On** or **Off** to activate or deactivate Fixed Dial feature.

Enter PIN2 code and press **Ok**.

Select **Fixed Dial List** and press **Ok**.

Screen shows FDN List. Press **Add** and then **Edit** to create new entries in FDN list.

Note: Please get PIN2 code from your Network Service Provider.

11.4.4 Barred Dial

Barred Dial is a network or subscription dependent feature.

Press **MENU > Settings**

Press **Security Setup** and Press **Ok**

Press **Barred Dial** Press **Ok**

Contact your service provider for detailed operations to finish Barred Dial setup.

11.4.5 Change Password

This feature allows you to change the PIN code, PIN2 code or Phone Lock password.

Press **MENU > Settings**

Press **Security Setup** and Press **Ok**

Press **Change Password** Press **Ok**

Select the option you need (PIN2, Phone Lock) and press **Ok**

Enter the old and new codes and press **Ok**

11.5 Restore Factory Settings

This feature resets the current settings to factory default values. The default password is “0000”.

Press **MENU > Settings**

Press **Restore Factory Settings** and Press **Ok**

Press **Change Pwd** Press **Ok**

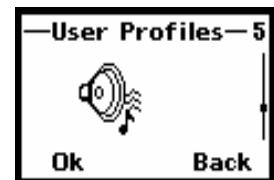
Enter the 4 digit password and press **Ok**

12. USER PROFILES

This feature enables you to customize each profile to suit your needs such as ring style, ring volume, LCD backlight. You may select different profiles depends on different environments.

User Profiles are available:

- General
- Meeting
- Outdoor
- Indoor
- Headset



12.1 Activate a Profile

Press **MENU > User Profiles** and Press **Ok**

Select one profile and press **Option**

Select **Activate** and Press **Ok**

Note: If you want to activate Headset, you need to insert the headset first.

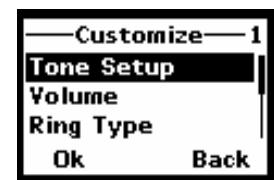
12.2 Customize a Profile

Press **MENU > User Profiles** and Press **Ok**

Select one profile and press **Option**

Select **Customize** and press **Ok**

Select each of the following items and press **Ok** to modify the values.



- **Tone Setup** Set tones
- **Volume** Set volume
- **Ring Type** Set ring type for repeat or for ascending
- **Extra Tone** Set additional option for tone in a specific phone's behavior
- **Answer Mode** Set Answer mode pressing any key or answer once handy is

picked up from base.

- **LCD Backlight** Set Specific LCD and Keypad Backlight time.

12.2.1 Tone setup

Set tones for Incoming Call, Alarm, Power On, Power Off, Message Tone and Keypad Tone.

Note: *For each set tone setup, you can choose one from the 10 sing ring tones and 6 MIDI tones.*

12.2.2 Volume

7 volume levels are available for Ring Tone and Key Tone. Adjust the volume to your preference.

12.2.3 Ring Type

You can set the ringer to play repeatedly or to play in ascending volume mode.

Select **Ring Type** and Press **Ok**

Toggle **Repeat** or **Ascending** and Press **Ok**

12.2.4 Extra Tone

Extra Tone includes Warning, Error, Camp on and Connect tones.

Toggle On or Off to following options to mark or clear the check box and press **Done**. If Camp on is set to On, a tone is heard when camp on a network. If Connect is set to On, a tone is heard when an outgoing call is established successfully.

- Warning
- Error
- Camp on
- Connect

12.2.5 Answer Mode

This allows user to set the answer mode. If any key is marked, user can answer an incoming call pressing any key. If lift answer is marked, when handy is in a cradle, if user picks up handy, call can be automatically answered without pressing any key.

Select **Answer Mode** and Press **Ok**

Toggle **Any Key** or **Lift Answer** and Press **Ok**

12.2.6 LCD backlight

Set Specific LCD and Keypad Backlight time.

Select **LCD Backlight** and Press **Ok**

Toggle **5 sec, 15sec, 30 sec** or **45sec** and Press **Ok**

13. ORGANIZER

Organizer includes:

- To Do List
- Alarm
- Calculator



13.1 View / Edit / Add Tasks

You can memorize the date, time and task as an alarm.

Press **MENU > Organizer** and Press **Ok**

Select **To Do List** and press **Ok**

Press the up and down key to browse the list. Highlight the task you need and press **Option**. The following options are shown.

- **Add** Add new task. Press **Change** and Input Date, Time, Note, set Alarm (On, Off, Once, Every Day), and then press **Done** and **Yes** to save the new added task.
- **Edit** Edit the current task Press **Change** and Input Date, Time, Note, set Alarm(On, Off, Once, Every Day), and then press **Done** and **Yes** to save the modifications
- **Delete** Delete the chosen task.
- **Delete All** Delete all tasks.

13.2 Alarm

When Alarm is set, the icon  appears on Standby screen.

Press **MENU > Organizer** and Press **Ok**

Select **Alarm** and press **Ok**

Press **Change** to select On, Off, Once, and Everyday. Toggle one of them and press **Ok**.

Select alarm time and Press **Change**

Set time you wish to alarm using numeric keys and Press **Ok**
Press **Done** and **Yes** to save the alarm time.

13.3 Calculator

You can calculate up to 8 digits.

Key description:

+, -, /, x : Use up and down arrow keys to select.

Back  / Clear: Press once to clear one digit. Hold to clear all values except memory values.

Press **MENU > Organizer** and Press **Ok**

Select **Calculator** and press **Ok**

Start calculation

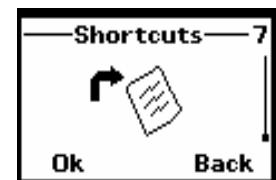
14. SHORTCUT

You can directly enter the menu that you want to use using shortcut function.

Maximum 10 menus can be selected in shortcut list.

How to use:

Press down arrow key 



Shortcut list shows in the screen

Select the menu you want and Press **Ok**

You can continue to follow procedure after entering to the menu you selected.

How to edit :

Press MENU > **Shortcut** and Press **Ok**

Total 10 shortcuts shows in a screen

Select the one which you want to edit or delete and Press **Edit**

Screen changes to show total 25 lists.

Select the one you want to add in the shortcut list and Press **Ok**

15. SIM TOOL KIT (NETWORK PROVIDER OPTION)

SIM Application Toolkit has been agreed and incorporated within the Global System for Mobiles (GSM) standard.

SIM Application Toolkit is designed as service application. Some services that the customer can have: Phone banking, information service, stock trading, mobile data and fax, etc.

Further details please contact with your network service provider.

16. REFERENCE INFORMATION

16.1 Emergency Calls

IMPORTANT!

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should never rely solely on any wireless phone for essential communications (e.g. medical emergencies).

Remember, to make or receive any calls, the phone must be switched on and be used in a service area that has adequate signal strength. Emergency calls might not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

16.1.1 Make an emergency call

Enter the emergency number for your present location (for example, 911 or any other official emergency number emergency numbers vary by location).

Press  .

If certain features are in use (Keyguard, restrict calls, and so on), you might first need to turn those features off before you can make an emergency call. Consult this guide and your local cellular service provider.

When making an emergency call, remember to give all of the necessary information as accurately as possible. Remember that your wireless phone might be the only means of communication at the scene of an accident do not terminate the call until given permission to do so.

16.2 Troubleshooting

16.2.1 No service

If you are outside the wireless service area, No service will display on your phone. No calls can be made or received, however, emergency calls may still be possible.

16.2.2 What if the call does not go through?

Your phone can make and receive calls only when it is switched on and in the wireless network's service area.

No service means that you are probably outside the wireless service area. No calls can be made or received.

This number is restricted means calls to the phone number you tried to call are restricted

16.2.3 Check these points to ascertain if the phone is broken or not.

Symptoms	How to Solve the problem
Phone does not immediately turn on after plugging in charger after extended period of non-use.	It may be necessary to charge for up to 4 hours to recharge the battery enough to turn the phone on. Charge battery as long as needed until phone turns on.
When this SIM Invalid message appears on the Enter PIN screen	Check whether you have inserted the SIM card in the phone, and whether you have inserted it correctly. PIN is set by the user to prevent others from using this phone. In this case, enter your PIN.
Enter PUK	This message appears when the PIN is incorrectly entered three times in a row. At this time, enter the PUK you received when you purchased the SIM card in order to use your phone again. If the PUK is incorrectly entered more than 10 times, your SIM card will be permanently blocked, and you need to purchase a new SIM card.
Message "Searching" is displayed along with "No Network or  mark.	<ul style="list-style-type: none">When this happens in a service area, turn off the unit for 2~3 minutes, and then turn the power back on.If this continues for some time without any reason, contact the nearest BRIGHTSTAR

service center.

- You cannot make a call even though you have entered the number and pressed the Send button
- Check whether you are in a service area. (If you are not in a service area,  will be displayed on the screen)
- Check whether you have set Outgoing Calls to be barred. If this function is set, you cannot make a call. (You can check All Outgoing menu in the Call Barring menu of the Security menu)
- Check whether you are in a service area. (If you are not in a service area,  will be displayed on the screen).
- Check whether you have set Incoming Calls to be barred. If this function is set, you cannot receive calls. (You can check the option “All Incoming” in the Call Barring menu of the Security menu)

17. TECHNICAL INFORMATION

17.1 Specific Absorption Rate Data

This wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) 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 standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless fixed phone employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limits set by the FCC are 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted 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 operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the output power.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC. The highest SAR value for this model phone when worn on the body, as described in this user guide, is 0.757W/kg.

While there may be differences between the SAR levels of various phones and at various positions, they all met the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Weight	Handy : 142.0grams(0.31 lbs) Base : 612.0grams(1.34 lbs)
Size (H x W x D)	<p>Handy 48.8mm(W) x 200.0mm(L) x 45.5(H) 1.92"(H) x 7.87"(W) x 1.79"(T)</p> <p>Base 158.0mm(W) x 214.0mm(L) x 69.0(H) (Antenna adds 18.0mm to the width) 6.22"(H) x 8.42"(W) x 2.71"(T) (Antenna adds 0.71" to the width)</p>
Wireless Networks	GSM 850 & 1900
Frequency Range	824 ~849MHz 1850 ~1910MHz
Back up Battery	Rechargeable battery pack

Near-Body Operation

To maintain compliance with FCC RF exposure requirements, maintain a 2.5cm(0.98 inch), separation distance between the user's body and the phone, including the antenna, whether extended or retracted.

18. WARRANTY

Limited Warranty for Personal Communication Products, Accessories and Software.

What Does this Warranty Cover? Subject to the exclusions contained below, BRIGHSTAR warrants the Motorola branded FX2000xg that it manufactures (“Products”), to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer’s exclusive remedy, and applies as follows to new Motorola branded Products manufactured by BRIGHTSTAR, and purchased by consumers around the world which are accompanied by this written warranty:

PRODUCTS COVERED

A. Products as defined above.

1. The Fixed Wireless Telephone.
2. The accessories included with the Fixed Wireless Telephone.

LENGTH OF COVERAGE

A. One (1) year from the date of purchase by the first consumer purchaser of the product.

EXCLUSIONS

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products for commercial purposes or subjecting the Product to abnormal usage or conditions; or (d) other acts which are not the fault of BRIGHTSTAR, are excluded from coverage.

Use of Non-Pulsare branded Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than BRIGHTSTAR or its authorized service centers are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola branded housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of products, due to any communication service or signal you may subscribe to or use with the Products is excluded from coverage.

Who is covered? This warranty extends only to the first consumer purchaser, and is not transferable.

What will BRIGHTSTAR Do? BRIGHTSTAR, at its option, will at no charge repair,

replace or refund the purchase price of any Products that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information?

For information on how to obtain service, contact the place where the product was purchased or a BRIGHTSTAR Service Center in your country.

In order for this Warranty to take effect, take your unit, along with this policy, to the place of purchase or to a BRIGHTSTAR Authorized Service Center.

You will receive instructions on how to ship the Products, at your expense, to a BRIGHTSTAR Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There? ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL BRIGHTSTAR BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of 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 that vary from state to state or from one jurisdiction to another.