X100

cdma2000 1X   Digital Mobile Phone

User Manual

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Contents

1 General Information

1.1 Welcome

Thank you for using ZTE X100 cdma2000 1X Digital Mobile Phone.

To guarantee the mobile phone always in its best condition, please read this manual carefully and keep it for further use.

The X100 enables you to freely communicate with people at any time and anywhere. It features intelligent personal information management, BREW functions, etc. which provides a vivid and dramatic mobile experience to you.

X100 phone system has covered the cdma2000 1X technical specifications.

ZTE Corporation reserves the right to modify the technical specifications in this manual at any time without notice.

1.2 Security

■ If your mobile phone is lost or stolen, please report to your service provider or proxy agencies (You need to provide the phone's ESN number labeled on the back of the mobile phone. You can see the ESN number after removing the battery. Please keep the ESN number for future use.)

■ To protect your mobile phone from illegal use, please take the security measures as follows:

➢ Set handset lock.

➢ Take it with you as you can.

1.3 Safety Warnings

To the owner

■ Some electronic devices are susceptible to electromagnetic interference sent by mobile phone if inadequately shielded, such as electronic system of vehicles. Please consult the device manufacturer before using the phone if necessary.

■ The operation of mobile phones may interfere with medical devices like hearing aids and pacemakers. Please always keep the mobile phone more than 20 centimeters away from such medical devices when the phone is turned on. Do not carry the mobile phone in the breast pocket. Turn the mobile phone off if necessary. Consult a physician or the manufacturer of the medical device before using the phone.

■ Be aware of the usage limitation when using a mobile phone at those places where there are explosive   gases or explosive products being processed, such as oil warehouses or chemical factories, because even if your phone is in standby mode, it can still transmit radio frequency (RF) energy. Therefore, turn off your phone if required.

■ Pay attention to the traffic safety. Do not use your mobile phone while driving. Park before making or answering a call.

■ Store the phone out of the reach of small children. The phone may cause injury if used as a toy.

Mobile phone

■ Please use the original accessories or those that are authenticated by ZTE. Using any unauthenticated accessories may affect your mobile phone's performance, hurt your phone or even cause danger to your body and violate related national regulations about telecom terminals.

■ If you want to clean your phone, please use clean fabric that is a bit wet or static-free. Do not use harsh chemical

cleaning solvents or strong detergents to clean it. Turn off your phone before you clean it.

■   As your mobile phone can transmit electromagnetic waves, do not place it near magnetic items such as computer disks.

■   Using the phone near electrical appliances, such as TV, telephone, radio and personal computer can cause interference, which affects the function of the phone.

■   Do not expose your mobile phone to direct sunlight or store it in hot areas. High temperatures can shorten the life of electronic devices.

■   Prevent liquid from leaking into your phone.

■   Do not drop, knock or harshly treat it. Rough handling will break internal circuit boards.

■   Do not connect the phone with other unauthorized peripheral equipments.

■   Do not attempt to disassemble the mobile phone or battery by yourself. Non-expert handling of the devices may cause damages.

■   Do not charge the mobile phone without battery.

Battery use

■   Do not short-circuit the battery, as this can cause excessive heat to bring about fire.

■   Do not store the battery in hot areas or dispose of it in a fire.

■   The battery can be recharged for hundreds of times, but it will eventually wear out. When the operating time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new one.

■   Never use any charger or battery damaged or worn out.

■   Return the worn-out battery to the provider or put it in the appointed recycle place. Do not put it in familial rubbish.

   Warning: If the battery is broken, keep away from the content. If it taints your skin, wash your skin with abundance fresh water and ask for help from the doctor if necessary.

Safety and general use in vehicles

■   Before making or answering a call, you should pay attention to the local laws about the use of wireless mobile phones and take them into account for practical use.

■   Safety airbag, brake, speed control system and oil eject system shouldn't be affected by wireless transmitting. If you do meet problems above, please contact your automobile provider.

■   Please turn off your mobile phone when refueling your automobile, and the same to the place where duplex wireless equipments are banned. Don't put your phone together with flammable or explosive items; inner spark may cause fire.

Aircraft safety

   Please turn off your mobile phone before the airplane takes off. In order to protect airplane's communication system from interference, it is never allowed to use mobile phone when it is in flight. Using mobile phone before the plane taking off should get aircrew's permission according to safety regulations.

2 Getting Started

2.1 Charging the battery

Fully charge the new battery for approximately 12 hours when using the phone for the first three times.

To charge the battery, plug the charger into the socket located at the bottom left of the phone, then connect the adapter's plug to a wall outlet.

The battery icon at the top-right corner of the phone screen may tell you following possible status of the phone:

• Charging (animated icon)

• Partially charged

• Full battery

• Low battery while the icon blinks and the phone beeps.   When the battery power is used up, the phone will automatically power off.

During the charge, your phone and your charger may reasonably become hot, which is normal.

• Finish charging when the battery is fully charged, the sound will be played. Please disconnect the charger from the phone and the outlet when charging finished.

2.1.1 Recharging the battery

You can safely recharge the battery at any time, The procedure is the same as the above.

2.1.2 Caring for the battery

This section gives you some important safety information and tips about how to improve the battery's performance.

General safety guidelines

• This phone contains an integrated Li-Ion battery.

• Do not attempt to disassemble, puncture, or short-circuit the battery.

• If the battery has been put out of use for more than a month, recharge it before using your phone.

• Avoid using the phone under extreme temperatures, direct sunlight, or high humidity.

• Never dispose of used batteries in or near a fire. It could lead to explosion. Check with your local regulations for proper disposal instructions.

2.1.3 Common causes of battery drain

The following operations drain the battery more quickly and thereby adversely affect its talk and standby times:

　• Playing games frequently.

　• Frequent use of the backlights.

　• Operating when no service is available, or service is available intermittently.

　• High earpiece and ringer volume settings.

　• Unacknowledged voicemail and text message alerts.

2.2 Powering on/off the Mobile Phone

Hold the key, until the power-on/power-off picture appears.

This picture will be different according to different service provider.

2.3 Getting to know your phone

2.3.1 General introduction

(1) **Home screen**.

(2) **Left soft key**: Using as shortcut / corresponding to the function displayed at the left-bottom of the screen.

(3) **Right soft key**: Using as shortcut / corresponding to the function displayed at the right-bottom of the screen.

(4) **Navigation key**: (four directions) Scrolls through lists and moves the cursor during text entry. Also adjust the ringer volume.

(5) **OK key**: Access menu or select an option from the list. Also switch between different modes during the text entry.

(6) **Send/Talk key**: Dials a number or answers a call.

(7) **End/Power key**: Turns the phone on or off, ends a call, or returns to the home screen.

(8) **Back key**: Erases the last input in the text entry mode, returns to the previous menu, or erases all characters during text entry by holding the key.

(9) "**1**" **symbol key**: Switches between symbol and other entry method during the text entry.

(10) **Keypad**: For entering numbers, letters, or symbols.

(11) **Jack**: For hands-free headset (sold separately).

(12) ***Text key**: Switches between upper and lower case during the text entry.

(13) **# Space key**: Inserts a space during the text entry.

(14) **Jack**: For AC adapter (included).

　　　Warning: Inserting an accessory into the incorrect jack may damage the phone.

2.3.2 Performing basic functions

To...	From the home screen...
Turn on the phone	Hold 　 for approximately 3 seconds.
Turn off the phone	Hold 　 for approximately 3 seconds.
Make a call	Enter the number by using the alphanumeric keypad and then press 　 .
End a call	Press 　 .
Answer a call	Press 　 .

Set the master volume	Hold ✷ for 3 second.
Lock the keypad	Hold c for 1 second.
Unlock the keypad	Press ▭ then ✐.
Access the Contacts list	Press ▭ left soft key (defined as Contacts shortcut).
Access Messages	Press ▭ right soft key (defined as Messages shortcut).
Access recent Calls list	Press ✎ send key (defined as Call Log shortcut).
Access Menu	Press ◉ OK key.

2.3.3 Understanding screen icons

These icons may appear on your phone's screen.

🔔 The alarm is set.

📶 Battery power indicator. More black bars indicates more battery power available.

📶 Service available. You can make and receive calls. More bars indicates stronger signal.

Tx No service available.

📞 Call in progress.

🔒 Voice privacy set.

✉ A new text message received.

☎ One or more voicemails received.

R Roaming status indication.

📳 Vibration function on.

🔇 Ringer off.

2.4 Using the menus

The contents of the main menu are as follows:

Call Log (options)	Msging	Contacts (options)	Calc	Settings
Show details	Compose	Add		Sound
Send message	Inbox	Edit		Display
Delete	Sent	Delete		Shortcuts
Show call type	Draft			Roaming
Clear list	Pages			Features
	Settings			Security
				About

Brew	Vmail	Clock	Poker
MobileShop		Alarm Clock	
Settings		Timer	
Help		Countdown	

To operate in the menus:

• Press ◉ OK key to access **Menu**.

• Press ⊕ OK key to select a menu item.

• Press ⊕ left , right , up or down to view menu items.

• Press ⌷ c ⌷ to return to the previous menu page.

• Press ✎ to return to the home screen.

• In this guide, the arrow → guides you to the next step of an operation. For example, select **Menu**→ **Settings**

means to press ⊕ OK key to access **Menu**, and then select the **Settings** option.

3 Making and Receiving Calls

3.1 Making Calls

3.1.1 Making a call

1. Make sure you are in an area where the network service is available. Note the � icon on the home screen. More bars indicates stronger signal. If no bar appears, try to move the phone to where the signal can be detected. In some cases, it can be as simple as changing the direction you are facing.

2. Enter the phone number.

3. Press ✎ to dial the number.

4. Press ✎ to end the call.

3.1.2 Dialing extension numbers

Method1: Dial the exchange number and then the extension number.

Method2: Add pauses (after entering the exchange number, press "**Options**" right soft key →Insert pause) between the exchange number and the extension numbers.

3.1.3 Making IDD

Hold ⓪➔ for about 3 seconds, release the key, and your screen will display the character "**+**" which replaces the international access code, then enter the country code, the area code, and the phone number and then press the ✎ key to dial.

3.1.4 Redialing a number

To redial the last number called, press ✎ twice. If the send key is defined as shortcut key to other menus other than Call Log, you cannot do it.

3.1.5 Calling a saved number

If you have already saved a phone number in your phone, you can use the **Contacts** list to find it quickly.

1. Press the left soft key (contacts shortcut key) on the home screen or press ◉ OK key → **contacts**.   This brings up a list of all saved contacts.

2. Scroll in the list to search for the contact you want, and then select the number you want to dial, and press ✎ to dial the number.

3. If you have already assigned a speed dial number to a certain contact, press the corresponding speed dial number, and then press ✎ to dial. For more information, please refer to section "3.4 Setting speed dialing".

3.2   Answering a call

When you receive a call, the phone will ring, vibrate, and /or light up, and an animated phone icon will appear together with the number of the caller . If the number is stored in your Contacts list, the contact's name will appear.

 • Press ✎ to answer the call.

 • Press ✎ to end the call. The call duration will be displayed on the home screen for a short period of time.

3.2.1 Setting any key to answer calls

1. Select **Menu** → **Settings** → **Features** → **Any Key Answer**.

2. Select **On** and press ⊙ OK key to set.

In this case, all incoming calls can be answered by pressing any key except 📵, ⬜ and ⬜.

3.2.2 Muting an incoming call

Select the right soft key "**silence**" to mute the ringer or stop the vibration when call arrives.

This action will only mute the current call. The phone will still ring when the following call arrives.

3.2.3 Mute during a call

You can set voice mute for a moment during a call.

Select right soft key "**options**" during the call.

  • Select **Mute** to block your voice.

  • Repeat last step and select **Unmute** to cancel the block.

3.2.4 Adjusting the volume during a call

To adjust the earpiece volume during a call, press ⊙ up or down.

3.3 Dealing with missed calls

If you have missed a call, "Missed Call" indication will appear on your screen. You can get the caller's number or name.

  • Press "**Done**" right soft key to clear the screen.

  • Press "**Call Back**" left soft key to call it.

3.4 Setting speed dialing

Speed dialing allows you to quickly dial a stored phone number by entering a one- or two-digit speed dialing number.

  1. On the home screen, press ⬜ shortcut key "**contacts**" to access your contacts list.

  2. Select the contact to which you want to assign a speed dialing number and press ⬜ right soft key "**options**".

  3. Select "**edit**" and press ⊙ OK key.

  4. Scroll to **Speed Dial** and press ⊙ OK key.

  5. Select an unassigned speed dial number (2-99) to assign to the phone number.

  6. Select one of the contact's numbers.

  7. Press "**save**" soft key to confirm the speed dial assignment.

When you want to dial a speed dialing number, please enter the one- or two digit speed dialing number and press ⬜ key to dial.

3.5 Calling emergency numbers

You can call emergency numbers even if your account is restricted. However, while calling, your phone will be in Emergency mode, in which you cannot make normal calls.

  Note: Check with your service provider if the network supports this function.

4 Using Call Log List

The call log contains all calls sent or received by your phone, includes 4 type of log lists:

All calls list, Missed calls list, Incoming calls list and Outgoing calls list.

A sign is put ahead of every call number.

➡   Incoming calls.

⬅   Outgoing calls.

↘   Missed calls.

4.1 Calling a number listed in the call log

1. Select **Menu** → **Call log.**

2. Scroll down to select the number you want to call. Press 🔘 OK key.

3. Press **Call** soft key to make the call.

4.2 Sending a message to the number listed in the

call log

1. Select **Menu** → **Call log.**

2. Highlight the number you want to send a message. Press "**options**" soft key.

3. Select **Send message**, press **Next** soft key, and then enter the text.

4. Press **Send** soft key.

4.3 Viewing details of a call

1. Select **Menu** → **Call log.**

2. Scroll down to select the number you want to view, Press 🔘 OK key. You can get the caller's name and his phone number, as well as the time and date of the call.

4.4 Adding a number to the contacts list

1. Select **Menu** → **Call log.**

2. Highlight the number you want to save. Press "**save**" soft key.

3. Select **New contact.**

4. Select the number type you want to save as.

5. Finish the following step of the contacts. For more details, please refer to section " 7.1 saving a new contact".

4.5 Accessing the classified lists

1. Select **Menu** → **Call log.**

2. Press "**options**" soft key.

3. Select **Show call type.** Press 🔘 OK key.

4. Select **All Calls**, **Missed Calls**, **Incoming** or **Outgoing.** Press 🔘 OK key.

4.6 Erasing a call record from the call log

You can erase a record listed in your **Call log**.

1. Select **Menu** → **Call log.**

2. Scroll down to select the record you want to delete. Press "**options**" soft key.

3. Select **Delete**.

A prompt window will pop up: "Delete xxxxxxxx?"

4. Select **Yes** to erase it. Select **No** to return to call log menu.

4.7 Erasing all records

You can erase all records listed in your **Call log** menu.

1. Select **Menu** → **Call log.**

2. Press "**option** "soft key.

3. Select **Clear list,** Press 🔘 OK key.

A prompt window will appear: "Delete entire list?"

4. Select **Yes** to erase all. Select **No** to return to call log menu.

5   Entering   Letters,   Numbers,   and Symbols

This table is a guide of how to enter letters, numbers, and symbols in the text entry mode, such as Contacts and Messages. For more detailed information, please refer to section " 5.1 Understanding text entry mode".

To...	Do this...
Enter a letter	In **Multitap** mode(display abc), press the appropriate alphanumeric key for some times until the letter you want appears on the display.
Enter a number	In **Numbers** mode(display123), press the number key once.
Enter a symbol	In **Symbols** mode, press 🔘 left , right , up or down to select the symbol you want.
Enter a space	Press ⌨ .
Erase a character	Press 🔲 c .
Erase all characters	Hold 🔲 c .
Move cursor right or left	Press 🔘 right or left.
Change modes	Press 🔘 OK key to choose the current input mode.
Capitalize the next letter	In **Multitap** mode and **eZiText** mode, press 🔘 key to choose the mode you want to capitalize.

5.1 Understanding the text entry modes

There are four input modes available to you when entering text, numbers, or symbols:

• **Multitap** mode (displayed as abc)

• **Numbers** mode (displayed as 123)

• **eZiText** mode (displayed as ez)

• **Symbols** mode

> **Note:** The default input mode you start in depends on the task you are doing. For example, when entering a

phone number in the **Contacts** menu, the default text mode is **Numbers**, when entering text for a message, the default text mode is **Multitap**, and you can also choose **eZiText** mode or **Numbers** mode as default.

```
Msg   45/ 60
Do you want to meet up
at the movies tonight?  I



Send       Abc      Options
```
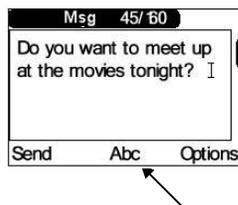
5.2 Entering words letter by letter (Multitap mode)

1. Press the appropriate alphanumeric key once to display the first letter that appears on the keypad, twice for the second letter, and so on.

2. Wait until the cursor move to the right before you enter the next letter.

5.3 Entering words quickly

When you press a series of keys under **eZiText** mode, it checks the built-in dictionary for common words and predicts the word you are trying to spell.

1. For each letter of the word you wish to spell, press the appropriate alphanumeric key once.

For example, to enter the word "any", press the alphanumeric keys (2ABC) → (6MNO) → (9WXYZ).

2. If the word suggested by **eZiText** does not match what you want, keep pressing (0) until the word matches.

3. When you get the word you want, press OK key to accept it.

5.4 Entering symbols

While entering text, you can also enter symbols.

1. Press in number mode or press in other mode to switch to the table of symbols.

2. You will access the table of symbols.

```
.  ,  !  ?  &  :
;  @  *  #  (  )
'  "  /  <  >  =
-  +  $  ^  _  [
]  %  "  ¢  |  ¶
```

3. Press left, right, up or down to select a symbol.

4. Press OK key to accept it.

5.5 Entering numbers

• In **Numbers** mode, press a number key once.

• In **Multitap** mode, press the key several times until the number appears on the screen.

• In **eZiText** mode, press and hold a number key until the number appears on the screen.

5.6 Changing input modes

To enter characters that belong to other mode, you'll need to switch between different modes. For example, to enter numbers in an email address while in **Multitap** mode:

1. Press OK key to switch to **Numbers**.

2. Enter the number, and then Press OK key to switch to **Multitap** mode to complete the address.

6 Sending and Receiving Text Messages

This chapter describes how to send, receive and erase text messages. The message consists of to 3 boxes: inbox, sent box and draft box. Inbox can save 30 messages. Sent box can save 50 messages. Draft box can save 10 messages.

Important: The features and menus described in this chapter may vary from different services available in your area. Please contact the services provider about details of SMS charge.

6.1 Sending text messages

First, make sure your service provider supports SMS. You can only send text messages to the phones that are capable of receiving them.

6.1.1 Sending a new text message

You can send messages to at most 5 recipients at one time.

1. Select **Menu** → **Msging** → **Compose.**

2. Enter the number of recipients you want to send.

   -Or-

   Press left soft key **PhBook** to access the contacts list, Select a contact name from the list and press ⊕ OK key, Select a number you want from the list and press ⊕ OK key. Then press left soft key **Done**.
   Note: You can enter at most 5 recipients.

3. Press **next** soft key to enter your text message. To learn how to enter letters, see section " 5 Entering Letters, Numbers, and Symbols".

   When you edit a message, the state bar will show the maximum number of characters that can fit in the text body, as well as the current count of current entries.
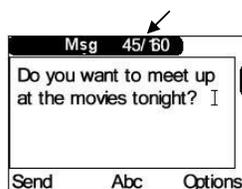
4. When you finish editing your text, Press **send** soft key to send the message.

6.1.2 Sending a message to more than one recipients

You can add at most 5 recipients from your contacts list or the phone number manually entered at one time.

1. Select **Menu** → **Msging** → **Compose.**

2. Add at most 5 recipients, You can:

   1） Enter the first number. Press ⊘ key, enter the second number, and so on.

   -Or-

   2） Press **Options** soft key to select **PhBook.**

   3） Select a contact name from the list and press ⊕ OK key.

   4） Select a number you want from the list and press ⊕ OK key.

   5） Press **Done** soft key to add the second number.

   6） Repeat step 2） to 5） to add the other numbers.

3. Press **Next** soft key to edit the text.

4. Press **Send** soft key to send the message.

6.1.3 Sending a pre-written message

If you don't want to send the current message while editing, you can save the text to the draft box and edit them later.

1. Select **Menu** → **Msging** → **Draft**.

2. Scroll through the list of drafts and press 🔘 OK key.

3. Press **Edit** left soft key.

4. Enter the recipient number and your text.

5. Press **Send** left soft key, your message will be sent and saved to your **Sent** box.

6.1.4 Sending a saved message

Whether a message was successfully sent or not, it would be automatically saved to the **Sent** box. You can re-use them.

1. Select **Menu** → **Msging** → **Sent**.

2. Scroll through the list of messages and press 🔘 OK key to view the message.

3. Press **Options** right soft key to select **Forward**.

4. Enter the phone number manually or select one from the **Contacts** list.

5. Press **Next** left soft key to view and edit the message.

6. Press **Send** left soft key to send it.

6.1.5 Failing to send a message

You will fail to send or receive messages if your phone's memory is full, or the messaging service is not available during that time. To free up the memory, please erase old messages. See section " 6.3 Erasing messages".

6.1.6 Receiving incoming calls while creating messages

• If you don't wish to answer the call, press **Reject** left soft key to reject it, and then go on with your messages.

• Press 📞 to answer the call. The message you were working on will be automatically saved to the draft box for you to treat it later.

6.1.7 Viewing the Sent box

You can check the status of the messages you have sent as long as they have been saved to the **Sent** Box.

1. Select **Menu** → **Msging**→ **Sent.**

2. Press 🔘 up and down to scroll through the list of messages.

3. Press 🔘 OK key to read the message.

4. Press **options** soft key, select an option from the list to execute the next step.

　-Forward: send this message to another recipient by entering his/her phone number.

　-Msg details: view the details of this message, including its call back number, date and time of call, etc.

　-Call: call back.

　-Add contact: Add this number to the contact list.

6.1.8 Viewing the Inbox

You can check the status of the messages you have received as long as they have been saved to the Inbox.

1. Select **Menu** → **Msging** → **Inbox.**

2. Press 🔘 up and down to scroll through the list of messages.

3. Press ⊕ OK key to read the message.

4. Press **Options** soft key, select an option from the list to execute the next step.

  -Reply: send a message to reply to this number.

  -Forward: send this message to another recipient by entering his/her phone number.

  -Msg details: to view the details of this message, including its call number, call back number, date and time of call, etc.

  -Call: call back.

  -Add contact: Add this number to the contact list.

6.1.9 Marking the priority

You can mark the priority of messages.

1. Select **Menu → Msging → Compose.**

2. Enter the phone number and the text.

3. Press **Options** right soft key and select **Mark urgent** /**Mark normal** from the list.

4. Finish the following steps.

6.1.10 Using canned messages

You phone store 10 common messages for you.

1. Select **Menu → Msging →Compose.**

2. Enter the phone number and the text.

3. Press **Options** right soft key, select **Canned msgs.**

4. Select one message of the list, and finish the following steps.

6.2 Receiving text messages

When a new message is coming, a pop-up notification appears on the screen.

• Press **Full view** left soft key to view the message.

• Press **Done** right soft key to clear the screen and return to the idle status.

6.3 Erasing messages

You will have to erase old messages as they take up memory in your phone.

You have the option of erasing text messages, by erasing them one-at-a-time from the **Sent** or **Inbox,** or by erasing them automatically.

6.3.1 Erasing a single message

1. Select **Menu → Msging → Inbox, sent** or **draft**.

2. Scroll down to select the message you want to erase.

3. Press **Delete** to erase the message. A pop-up notification will appear: "The message will be deleted."

4. Press **Yes** soft key to erase the message.

6.3.2 Auto Erase Inbox

If your phone's memory is limited, auto erase will delete old messages which had been read from **Inbox** to make room for new coming ones. This option allows the user to turn the **Auto Erase** feature on or off.

1. Select **Menu → Msging → Settings→ Auto Erase**.

2. Select **on** or **off**.

3. Press OK key.

6.4 Setting a different call back number

You can send a call back number that is different from that of the outgoing text message.

1. Select **Menu** → **Msging** → **Settings** → **Callback num** .

2. Select **on** or **off**, press OK key.

3. If **on** is selected, enter the call back number.

4. Press **Save** soft key.

Note: The recipient can see the callback number only when his/her phone supports the function of displaying callback number.

6.5 Setting the Delivery confirmation

1. Select **Menu** → **Msging** → **Settings** → **Delivery conf**.

2. Select **on** or **off**.

-on You can see the outgoing delivery confirmation.

-off The outgoing delivery confirmation will be processed without alerting.

3. Press OK key.

6.6 Setting the Duplicate detection

The phone can automatically detect homologous incoming text messages and save them as one single copy, in order to save up your phone's memory and make room for new ones.

1. Select **Menu** → **Msging** → **Settings** → **Dup detection** .

2. Select **on** or **off**.

  -on Keep the original incoming message and erase the new coming homologue ones.

  -off Keep all the homologue incoming messages.

3. Press OK key.

7 Storage of Contacts

The **Contacts** menu plays a roll as a folder of name cards for you to store information of contacts. You can add data to each element. The order in which the elements would be displayed is shown below:

  First name, Last name, Home phone, Work phone, Mobile phone, Unknown phone, Pager, Email, Speed Dial, Ring tone.

7.1 Saving a new contact

1. Press **Contacts** shortcut key or Select **Menu** → **Contacts**.

2. Press the left soft key **Add**.

3. "First Name" will be highlighted. You can enter the first name directly. To learn how to enter letters, please refer to paragraph "5.2 Entering words letter by letter ".

4. Press down to highlight "Last Name" and enter the last name of the contact.

5. Press down to highlight "Home phone", "Work phone", "Mobile phone", "Unknown phone", "Pager", "Email", enter the numbers.

6. Press down to highlight "Speed Dials" and "Ring tone", press OK key to go to the next steps.

7. After entering the elements of the contact, press the left soft key **Save** to save the information.

7.2 Adding pauses to a phone number

When you save a phone number for an automated service or an extension, you may add a pause where you need to select an option. You can set multiple pauses in a phone number. A Pause will cause the phone to stop dialing until you select the **Stop** soft key or the pause time expired.

1. Enter the main calling number.

2. Press **Options** right soft key.

3. Select **Insert pause** and press ⊙ OK key.

4. Select an option from the list.

　- **Hard pause**: the phone will send the main calling number and then pause the dialing until you press any key other than the right soft key and the end key, then send the extension number(option selecting numbers) automatically. Or until you press the right soft key **Stop**, then you can enter the extension number (option selecting numbers).

　- **2 seconds**: the phone will send the main calling number, then pause for 2 seconds, then send the extension number(option selecting numbers) automatically.

　- **5 seconds**: the phone will send the main calling number, then pause for 5 seconds, then send the extension number(option selecting numbers) automatically.

5. Enter the extension numbers(option selecting numbers) and add more pauses where needed.

7.3 Viewing the information of the contacts

1. Select **Menu** → **Contacts.**

2. Scroll down to select the contact you want to view.

3. Press ⊙ OK key, then scroll down to view its information.

7.4 Editing a contact name

1. Select **Menu** → **Contacts**.

2. Scroll down to locate the contact you wish to edit.

3. Press **Options** right soft key.

4. Select **Edit** and press ⊙ OK key.

5. Move the cursor and edit the contact's name.

6. Press the left soft key **Save** to save the changes.

7.5 Editing a phone number

1. Select **Menu** → **Contacts**.

2. Scroll down to locate the contact you wish to edit.

3. Press **Options** right soft key.

4. Select **Edit** and press ⊙ OK key.

5. Move the cursor to the number you want to edit and enter the new ones.

6. Press the left soft key **Save** to save the changes.

7.6 Setup a default number of the contact

You can set a phone number as the default contact number.

1. Select **Menu** → **Contacts**.

2. Scroll down to locate the contact you wish to edit and press ⊙ OK key.

3. Move the cursor to the number you want to set and press **Options** right soft key.

4. Select **Set as default** and press ⊙ OK key.

5. A note will display to confirm the selection.

6. Press **yes** left soft key.

7.7 Erasing a contact

1. Select **Menu** → **Contacts**.

2. Scroll down to locate the contact you wish to erase.

3. Press **Options** right soft key.

4. Select **Delete** and press ⊙ OK key.

5. "Delete XXXXX" appears on the screen.

6. Press **Yes** left soft key.

7.8 Erasing a number

1. Select **Menu** → **Contacts**.

2. Scroll down to locate the contact of which the number you wish to erase, then press ⊙ OK key.

3. Move the cursor to the number and press **Options** right soft key.

4. Select **Erase entry** and press ⊙ OK key.

5. The note "Erase entry " appears on the screen.

6. Press **Yes** left soft key.

7.9 Assigning a Ring Tone

You can choose different ring tones for different contacts.

1. Select **Menu** → **Contacts**.

2. Scroll down to locate the contact to which you wish to assign a ring tone, then press **Options** right soft key.

3. Select **Edit** and press ⊙ OK key.

4. Scroll down to **Ring tone** and press ⊙ OK key.

5. Select a ring tone from the list and press ⊙ OK key.

6. Press **Save** right soft key to save the change.

7.10 Setting speed dialing

You can assign a speed dialing number to the phone number of the contact.

1. Select **Menu** → **Contacts**.

2. Scroll down to the contact to which you want to assign a speed dialing number, then press **options** right soft key.

3. Select **edit** and press ⊙ OK key.

4. Scroll down to **Speed Dial** and press ⊙ OK key.

5. Select an unassigned speed dial number (2-99) to assign to the phone number.

6. Select one of the contact's numbers.

7. Press "**save**" soft key to confirm the speed dial assignment.

When you want to dial a speed dialing number, please enter the one- or two digit speed dialing number and press ⊙ key to dial.

8 Calculator

The phone provides a calculator tool. You can use it for basic mathematical calculations.

1. Select **Menu** → **Calc**.

2. Use the keypad to enter numbers. Digits 0~9 are mapped to their respective DTMF keys.

3. Use the navigation key to enter operator symbols. Five operators (+, -, x, ÷, =) are mapped to the 5-way navigation control.

4. Press **Advanced** left soft key to enter advanced operators. You can use these operators:

sqrt(x)　square root　　　**x^2** square　　**1/x**　　reciprocal　　**x^y** power　　**PI**　π (3.1415)

For example, If you want to calculate 8 for square, Press " 8", "Advanced "left soft key, "x^2" in turn, The calculator will display the result "64".

5. Press **Memory** right soft key to store a value for later retrieval .

Store: Add the displayed digit to the value stored in memory.

Recall: Display the value currently stored in memory.

Clear: Clear the value currently stored in memory.

6. Press ⌐ c ⌐ key to Clear the last entry or clear the calculated result and display a zero, return the calculator to digit entry mode.

9 Customizing your Phone

The contents of the **Settings** menu are as follows.

```
                                                    ┌─ Ring Tones
                    ┌─ Sound ──────────────────────┼─ Sound Effects        ┌─ Master Volume
                    │                               └─ Volumes ─────────────┤  Ringer Volume
                    │  Display ──┬─ Properties ──────┬─ Contrast           │  Voice Volume
                    │            └─ Formatting        │  Light timer        └─ Key Volume
                    │  Shortcuts                      └─ App TimeOut
        Setting ────┤                     ┌─ Text Input       ┌─ UI Lang.
                    │  Roaming            │  AnyKey Answer     │  Name Order
                    │                     │  Auto Keyguard     │  Date&Time
                    │  Features ──────────┤  Call Timers       └─ Banner
                    │                     │  Touchtone
                    │  Security           └─ Svc Tones
                    │
                    └─ About ───────────────────────────────┬─ Voice Privacy
                                                             └─ Default Reset
```
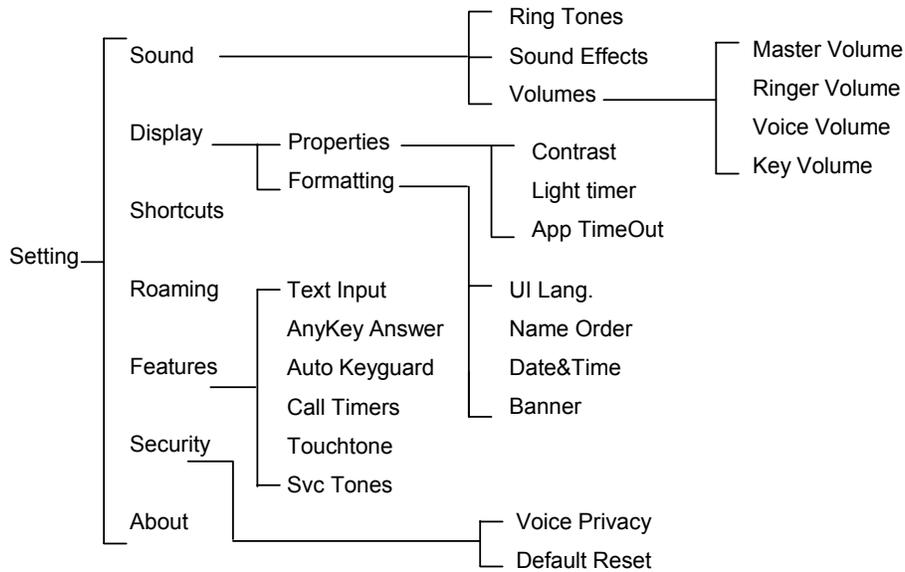
9.1 Sound

9.1.1 Select a different ring tone

X100 handset has 10 ring tones for you to select.

1. Select **Menu** → **Settings** → **Sound** → **Ring Tones**.

2. Scroll down the list and press the left soft key **Play** to hear the different ring tones. Press left soft key again to stop it.

3. Press ⊕ OK key to select a ring tone from the list.

9.1.2 Setting sound effects

You can decide how many sound effects will be played when the phone is in use.

1. Select **Menu** → **Settings** → **Sound** → **Sound Effects.**

2. Select an option from the list:

- Complete: play all sound effects defined.

– **Alerts Only**: System alerts only.

– **None**: no sound effects played.

3. Press ⊕ OK key.

9.1.3 Setting the master volume

You can choose the type of alert you receive for incoming calls.

1. Select **Menu** → **Settings** → **Sound** → **Volumes** → **Master volume.**

2. Select an option from the list:

- **On**: set the phone to ring during an incoming call alert.

- **Off**: set the phone to mute and screen–light-up only during an incoming call alert.

–**On + Vibrate**: set the phone to ring and vibrate during an incoming call alert. (vibrate for the first 10 seconds and then ring for the rest time of the incoming call alerts).

–**Off + Vibrate**: sets the phone to vibrate during an incoming call alert.

3. Press ⊕ OK key.

You can also set the master volume directly by holding 🔘 for 3 seconds in idle state.

9.1.4 Adjusting other volume

You can adjust the volume level of the ringer, voice and key beeps.

1. Select **Menu** → **Settings** → **Sound** → **Volumes.**

2. Select **Ringer Volume**, **Voice Volume** or **Key Volume.**

- **Ringer Volume**: for the currently selected ring tone.

- **Voice Volume**: for all sounds played through the earpiece.

- **Key Volume**: for the clicking volume when you press the keys on the keypad.

3. Scroll ⊕ up or down to adjust the volume.

4. Press the left soft key **Save** to save the change.

9.2 Display

9.2.1 Changing the display contrast

1. Select **Menu** → **Settings** → **Display** → **Properties** → **Contrast.**

2. Scroll ⊕ right or left to adjust the contrast.

3. Press ⊕ OK key to save the change.

9.2.2 Adjusting the backlighting

Your screen lights up while you are in a call or when you press a key on the keypad. However, you can decide when to turn the backlight off.

1. Select **Menu** → **Settings** → **Display** → **Properties** → **Light Timer**.

2. Select an option from the list:

– **After 10 sec**: turn the backlight off 10 seconds after your last key press.

– **After 30 sec**: turn backlight off 30 seconds after your last key press.

– **After 60 sec**: turn backlight off 60 seconds after your last key press.

– **Always Off**: turns backlight off.

 – **Always On**: turns backlight on.

3. Press ⊕ OK key.

9.2.3 Setting the application time

Set the period of time before the handset exit the applications and returns to idle state.

1. Select **Menu** → **Settings** → **Display** → **Properties** → **App TimeOut**.

2. Select an option from the list:

– **After 60 sec**: return to idle state 60 seconds after your last key press.

– **After 2 min**: return to idle state 2 minutes after your last key press.

– **After 5 min**: return to idle state 5 minutes after your last key press.

3. Press OK key.

9.2.4 Choosing a different language

Your phone may support languages apart from English.

1. Select **Menu → Settings → Display → Formatting → UI Lang**.

2. Scroll to highlight a language.

3. Press OK key.

9.2.5 Setting the name order

You can choose the order the names in the contacts list and in other places where contacts' names are displayed.

1. Select **Menu → Settings → Display → Formatting → Name Order**.

2. Scroll to highlight a format.

3. Press OK key.

9.2.6 Choosing a different date format

1. Select **Menu → Settings → Display → Formatting → Date & Time→ Date Format.**

2. Scroll to highlight a format.

3. Press OK key.

9.2.7 Setting the separator of date

You can select the date separator between year, month and day.

1. Select **Menu → Settings → Display → Formatting → Date & Time→ Separator.**

2. Select the separator.

3. Press OK key.

9.2.8 Choosing a different time format

1. Select **Menu → Settings → Display → Formatting → Date & Time→ Time Format.**

2. Select **AM/PM** or **24 hour**.

3. Press OK key.

9.2.9 Setting personal banner

You can set the banner on home screen.

1. Select **Menu → Settings → Display → Formatting → Banner.**

2. Enter the banner text. Press to erase the character.

3. Press **Save** left soft key to save the change.

9.3 Shortcuts

You can set a shortcut to launch an application with a single key press. There are five such keys:

Left soft key , Right soft key , Send key , Left key press , and Right key press . Each of these items sets the single press behavior for their corresponding key in idle state.

1. Select **Menu → Settings → Shortcuts.**

2. Scroll to select a key you want to define.

3. Scroll to select a menu corresponding to.

4. Press OK key to confirm.

9.4 Roaming

You can allow or disallow your phone to access a roaming network. Make sure your phone is permitted   to access a roaming network by the service provider.

1. Select **Menu** → **Settings** → **Roaming.**

2. Select **On** or **Off**.

3. Press 　 OK key.

9.5 Phone Features

9.5.1 Clear personalized dictionary

When you enter the text, the handset will automatically add words you have entered to the personalized dictionary. You can clear it.

1. Select **Menu** → **Settings** → **Features** → **Text Input** → **Clear Dictionary.**

2. Press the left soft key **Yes** to clear it.

9.5.2 Changing the default text entry

You can set the default input mode.

1. Select **Menu** → **Settings** → **Features** → **Text Input** → **Text Entry.**

2. Scroll to select the entry type, press 　 OK key.

9.5.3 Changing the default text language

You can set the default input text language.

1. Select **Menu** → **Settings** → **Features** → **Text Input** → **Text Lang**.

2. Scroll to select the language type, press 　 OK key.

9.5.4 Setting any key to answer calls

1. Select **Menu** → **Settings** → **Features** → **AnyKey Answer**.

2. Select **On** and press 　 OK key to set.

All incoming calls can now be answered by pressing any key except 　 , 　 and 　.

9.5.5 Setting keyguard

You can lock the keypad to protect the phone from accidental key presses.

1. Select **Menu** → **Settings** → **Features** → **Auto Keyguard.**

2. Select an option from the list:

– **30 Seconds**: lock the keypad for 30 seconds of inactivity.

– **1 Minute**: lock the keypad for 1 minute of inactivity.

– **2 Minutes**: lock the keypad for 2 minutes of inactivity.

– **5 Minutes**: lock the keypad for 5 minutes of inactivity.

　– **Off**: disable the key guard.

3. Press 　 OK key.

To unlock the keypad, press the left soft key **Unlock** then "#" 　.

You can also lock the keypad directly by holding 　 for 1 second in idle state.

9.5.6 Displaying and resetting the call timer

Your phone has three timers that count the duration of the calls you have made and received. You can reset two of the timers.

1. Select **Menu** → **Settings** → **Features** → **Call Timers**

2. Select an option from the list:

– **Incoming Timer**: This timer shows the total duration of all incoming calls.

– **Outgoing Timer**: This timer shows the total duration of all outgoing calls.

– **All Calls Timer**: This timer shows the total duration of all types of calls .You cannot reset this timer.

3. Press the right soft key **Reset** to clear duration data. Press the left soft key **Done** to return to the current menu.

9.5.7 Changing touchtone length

You can change the length of key beep tones.

1. Select **Menu** → **Settings** → **Features** → **Touchtone.**

2. Select **short** or **long**, Press OK key.

9.5.8 Setting service tone

You can set whether the handset play tones when service is acquired and lost.

1. Select **Menu** → **Settings** → **Features** → **Svc Tones.**

2. Select **on** or **off**, Press OK key.

9.6 Security

This paragraph describes all the features involved in securing your phone and preventing access to your personal information.

9.6.1 Setting voice privacy

The voice can be encrypted when the handset communicate with the base stations .You can turn the function on or off.

1. Select **Menu** → **Settings** → **Security** → **Voice Privacy.**

2. Select **on** or **off**, Press OK key.

Note: This function need the service provider to support. Please consult to service provider.

9.6.2 Resetting the phone

You can restore the all the phone settings to their default value, and no other information will be deleted.

1. Select **Menu** → **Settings** → **Security** → **Default Reset.**

2. "Default" information appears.

3. Press the left soft key **Yes** to confirm.　Press the right soft key **No** to abort.

9.7 About

The about screen contains information about the MDN, ESN, BREW version, etc.

1. Select **Menu** → **Settings** → **About.**

2. The screen will display the information. Press down to scroll the information .

3. Press the left soft key **Done** to return to the setting menu.

10 Brew

You can connect your phone to wireless network by multiplicate Brew platforms in this menu. The menu displayed will vary from different service providers.

Scroll [icon] left/right or up /down to select the options, press [icon] OK key to enter it.

● **Mobile shop**: you can view the list of applications, download and restore the applications following the prompt.

● **Settings**: you can change the applications location in your phone and customize the icon type of applications.

● **Help**: you can get much information about brew application here , such as how to buy new application, how to remove/ disable/restore/expire applications.

Note: This function need service provider to support. For more details of brew, please contact the service provider.

11 Vmail

Voicemail is a separated application apart from the messaging service. A user can check his voicemail box on the network, listen or retrieve them by dialing a certain service number. Additionally, the number of voicemails can be reset to zero.

To use this function, check with your service provider.

12 Clock

12.1 Setting an alarm

Use the alarm to set an alert for a specific time. The handset supports 3 independent alarms. The alert occurs only if the phone is on.

1. Select **Menu → Clock → Alarm Clock.**

Highlight one of the schedule list and press [icon] OK key to begin setting.

If there isn't any alarm, the name will display **None**.

2. Begin setting, press [icon] up, highlight **Date**.

– Scroll [icon] left or right to move cursor between **day**, **month**, and **year**.

– Press number key to change the values.

3. When date is set, press [icon] down, highlight **Time**.

  – Scroll [icon] left or right to move cursor between **hour** and **minute**.

– Press number key to change the values.

4. When time is set, press [icon] down, highlight **Repeat**. Press [icon] OK key to select one item:

  - **Never**: the alarm will never repeat.

  - **Every day**: the phone will alert at the setting time every day.

  - **Once a week**: the phone will alert at the same day in a week as the setting date.

  - **Every week day**: the phone will alert every weekday in a week at the same as the setting date.

  - **Every weekend day**: the phone will alert every weekend day in a week at the same as the setting date.

5. After that, press [icon] down, highlight **Ringer**.

  Press [icon] OK key to select a ring tone from the list.

6. When you finish the setting, press left soft key **Set** to activate the alarm, press right soft key **Cancel** to cancel

it.

**7.** If you want to disable an alarm, highlight the alarm name, press **Turn off** right soft key.

8. When the alarm sounds, press **Dismiss** left soft key to turn off the alarm.

If you set an alarm while the phone is in silent or vibrate mode, the note will appear "Alarm will not sound in silent/vibrate mode."

12.2 Using Timer

You can start/stop/reset the timer.

1. Select **Menu** → **Clock** → **Timer.**

2. Press **Start** left soft key to begin.

3. When the timer is running, press **Stop** left soft key to stop it, and the timer has an non-zero value.

4. If the timer has an non-zero value, press **Reset** left soft key to clear it.

00:00:00.0

Start
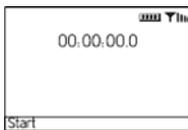
12.3 Setting a Countdown

You can set the duration of the countdown, when the countdown duration elapsed, the phone will ring.

1. Select **Menu** → **Clock** → **Countdown.**

2. Press **Set** left soft key, scroll 🔘 left or right to move cursor between the hours, minutes and seconds, then press digit key to enter the values.

00:00:00
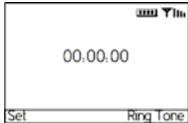
Set   Ring Tone

The maximum duration that can be entered for the countdown is 99:59:59 (99 hours, 59 minutes, 59 seconds).

01:30:00
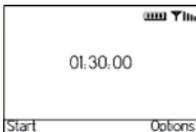
Start   Options

3. Press **Save** left soft key to save the value.

4. Press **Options** right soft key and select **ring tone** to assign a ring tone.

Press **Options** right soft key and select **Reset** to clear the countdown.

5. Press **Start** left soft key to begin time count.

6. When the alarm sounds, press **Dismiss** left soft key to turn off the alarm .

13 Poker

You can play games with your handset.

1. Select **Menu** → **Poker.** You can continue the game with the saved game.

2. Press left soft key **Play** → **Deal,** to begin the game.

3. Press left soft key **Play** → **Options**, you can select these options:

- Change bet: change the bet value.

- Payouts: information about ratio of payouts and bet of different cards.

- Game restart: to begin the new game.

4. Press to exit the game and return to the home screen.

14 Troubleshooting

Check the following reference if you have problems with your phone. Please contact your distributor if you cannot solve the problem fluently.

1. Cannot power on the phone.

Check the battery power or the R-UIM card.

2. Short message cannot be sent.

Check the network status.

3. Cannot make or receive a call.

Check the network status.

4. No signal indicated.

Make sure you are in an area where the network service is available.

5. No incoming ring tone.

Check the master volume or the ring volume setting.

6. No alarm tone is sounding when the reminder time is reached.

Check the sound setting.

15 FCC Statement

Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment. Any change to the equipment will void FCC grant.

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.

Health and Safety Information – RF Exposure Information (SAR)

THIS MOBILE PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

This 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 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 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 1.6 W/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 poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a mobile phone 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. The highest SAR value for the mobile phone when tested for use at the ear is 0.030 W/kg and when worn on the body is 0.017 W/kg.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on the mobile phone is on file with the FCC and can be found under the Display Grant section of http://www.gov/oet/fccid after searching on FCC ID stock on the label on the phone.

Note: In the United States and Canada, the SAR limit recommended by international guidelines for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.