

Tata Indicom

UNICAIR

CDMA Mobile Phone User's Guide

Model: R150B

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Important Safety Information

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



Violation of the instructions may cause serious injury or death.

◆ Safety Information



- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
- When charging, please do not remove the battery



- Never place your phone in a microwave oven as it will cause the battery to explode
- Do not dispose of your battery by fire or with hazardous or flammable materials.



- Make sure that no sharp-edged items such as animal's teeth, nails, come into contact with the battery. There is a risk of this causing a fire.



- Store the battery in a place out of reach of children.
- Be careful that children do not swallow any parts such as rubber plugs (earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation.



- Unplug the charger during lightning storms to avoid electric shock or fire.



- When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.
- Do not use a hand-held phone while driving.



- Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.
- Never store your phone in temperatures less than -15°C or greater than 50°C.



- Do not use the phone in areas where its use is prohibited.



- Do not use harsh chemicals(such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.



- Do not drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.



- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.



- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.



- Only use the batteries and chargers provided and approved by UNICAIR. The warranty will not be applied to products provided by other suppliers.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.



- Allows you to enter 3 SOS numbers You can call these SOS numbers 100, 101, 102 even when the phone is locked or restricted.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all the times after reading it.



Violation of the instructions may cause minor or serious damage to the product.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- The battery does not need to be fully discharged before recharging.
- Use only UNICAIR-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or short-circuit the battery.
- Keep the battery's metal contacts clean.
- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, Mini-Browser, and data connectivity kits affect battery life and talk/standby times.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.
- When using the power plug, ensure that it is firmly connected. If it is not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an UNICAIR Authorized Service Center to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an UNICAIR Authorized Service Center.
- The power cord on this product will expose you to lead, a chemical known to the State of California to cause (cancer) birth defects or other reproductive harm. Wash hands after handling
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ring tone to vibration so as not to disturb others.
- Do not turn your phone on or off when putting it in your ear.

1. Introduction

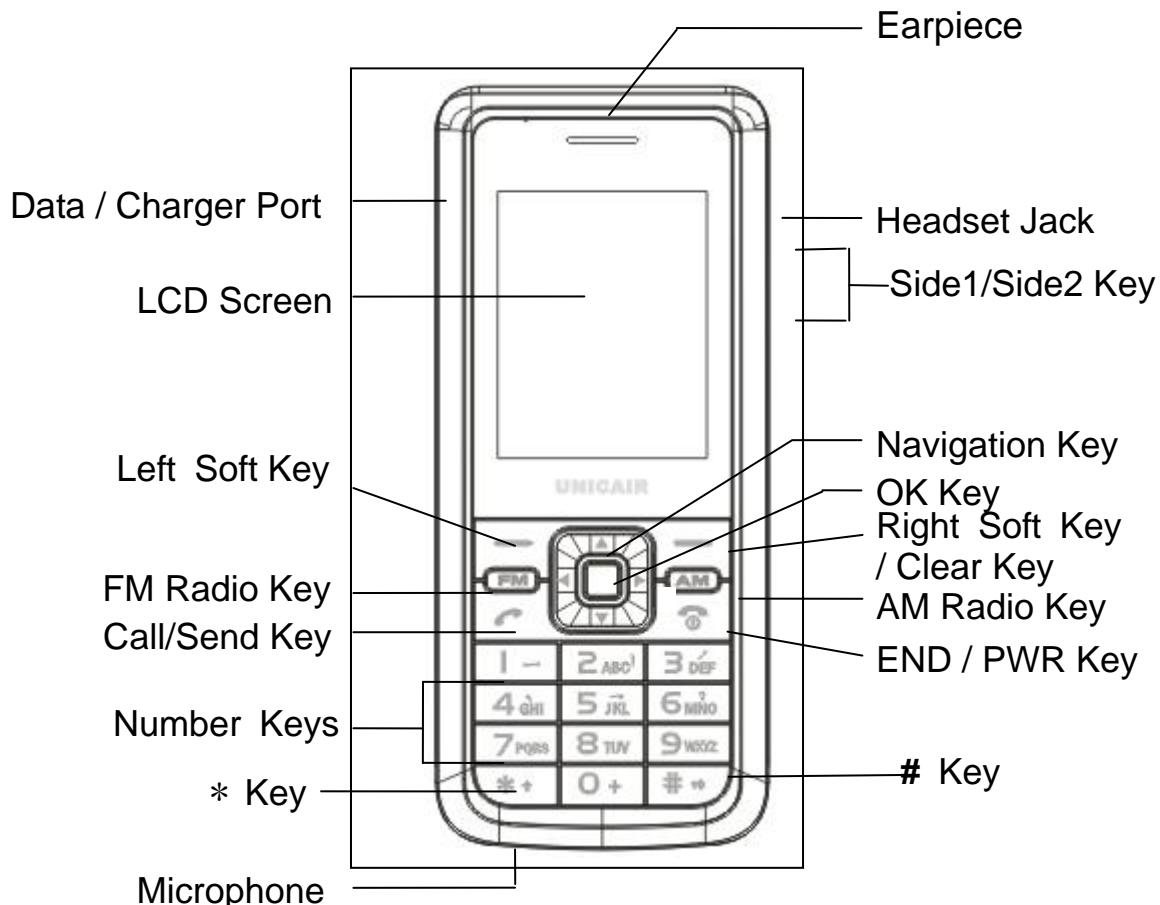
Congratulations on your purchase of the advanced and compact R150A cellular phone, designed to operate with the latest digital mobile communication technology, Code Division Multiple Access (CDMA). Along with the many advanced features of the CDMA system such as greatly enhanced voice clarity this phone offers:

- Large, easy-to-read LCD with status icon.
- FM Radio and AM Radio
- Paging, Messaging, Voice mail, and Caller ID.
- Voice Recording & Radio Recording
- High capacity battery for Long stand-by and talk time.
- Choice of 20 ring sounds + 50 downloadable Ring Tones.
- Menu-driven interface with prompt for easy operation and configuration.
- Any key answer, 9 one touch and 90 two touch speed dialing memory locations.
- Optional accessories with greater convenience and enhanced functionality.
- Language (English and Hindi).

Check Accessories

Your mobile phone comes with an AC Adaptor, headsets and a rechargeable battery. Please verify that these accessories are included.,

2. Phone Overview



1) LCD Screen: Displays messages & indicator icons.

2) Left Soft Key / OK Key :
Accepts the highlighted choice when navigating through a menu. In idle screen , press [**OK**] Key to TATA Zone menu

3) Right Soft Key / Clear Key :
Press to delete a single space or character. Press and hold to delete entire words. Press this key once in any menu to go back to the previous menu. In Standby Mode, press to find contacts

4) END/PWR Key :
Used to turn power on/off and to end a call. Using this key, you can return to the main menu display screen.

5) CALL Key : Allow user to place or answer calls, See and redial from call history

6) Navigation Keys :
These Navigation keys allow you access to some functions quickly.

- **[UP]** entry to Key Volume Setting function.
- **[DOWN]** entry to Shortcut menu, you can select your favorite function.,
- **[LEFT]** entry to Set Profile mode menu, you can set Silent, **[RIGHT]** short time press, entry to Messages menu, long time press, entry to New Message

7) Number Keys :
These keys enable you to enter numbers and characters and choose menu items.

8) # Key : In standby mode, set the vibrate mode by pressing and holding the key about 2 seconds.

9) * Key : In standby mode, set the phone lock by pressing and holding the key about 2 seconds

10) Side1 / Side2 Key : Set key tone and volumes. Use for scrolling in menu.

11) AM/FM Radio Key: Press [**AM**] to listen AM radio and [**FM**] to FM radio

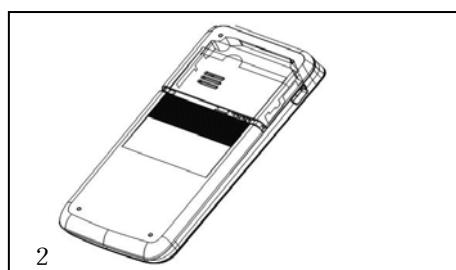
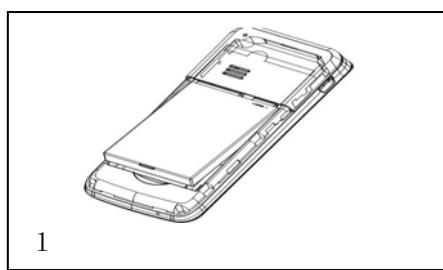
3. Getting Started

Installing and Removing the Battery

Charge the battery fully before the initial use of the phone.

The phone comes with a rechargeable battery. Keep the battery charged while not in use in order to maximize talk and standby time when using the phone.

- To install, insert the battery into the opening on the back of the phone, and insert the bottom of battery into groove at the bottom of the handset. Gently press down the cover until the latch snaps into place.
- To remove, turn the power off. Push the back cover down. Push the tab with one hand and lift the top of the battery to separate.



Charging the Battery

To use the charger provided with your phone:

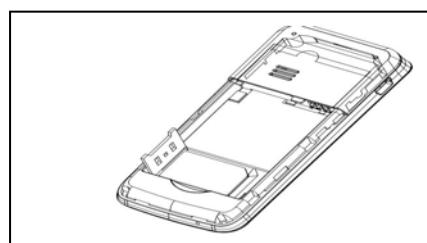
Warning! Use only the charger provided with the phone.

Using any charger other than the one included with the UNICAIR R150A may damage your phone or battery.

- Plug the round end of the adapter into the phone's charger jack and the other end into an electrical outlet.
- The charge time varies depending upon the battery level. The maximum charge time for a fully discharged battery is 3.5 hours.

Installing the UIM Card

Power off your phone and remove the battery. Insert the User Identity Module (UIM) card



Battery Charge Level

The battery charge level is shown at the top right of the LCD screen.



When the battery charge level becomes low, the low battery sensor will alert you in three ways: sounding an audible tone, blinking the battery icon outline, and displaying Low battery. Recharge soon, if the battery charge level becomes exceedingly low, the phone will automatically switch off and any function in progress will not be saved.

Caring for the Battery

- If you use the unauthorized battery, it may cause the damage to or explosion of the battery. Therefore, please prohibit using the unauthorized ones.
- You do not need to wait until the battery completely runs down to recharge the battery.
- Use only UNICAIR batteries and chargers specific to your model of phone. UNICAIR's chargers are designed to maximize battery life.
- Do not disassemble or short-circuit the battery.
- Keep the battery's metal contacts clean.

- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before it needs replacing.
- Recharge the battery if it has not been used for a long time to maximize battery life.
- Do not expose the battery charger to direct sunlight or use it in areas of high humidity, such as the bathroom.
- Do not leave the battery in hot or cold places as it may deteriorate battery performance.
- Long backlight settings, searching for service, data connectivity, and synchronization all may affect battery life, talk, and standby times.

4. Menus Overview

1. Messages

- 1. New Message
- 2. Inbox
- 3. Outbox
- 4. Archive
- 5. Voice Mail
- 6. Templates
- 7. Archive In UIM
- 8. Drafts
- 9. SMS Groups
- 0. Erase Msgs
- *. Msg Settings
- #. Memory Info.

2. Contacts

- 1. Add New
- 2. Search
- 3. Groups
- 4. Speed Dial
- 5. Copy
- 6. Move
- 7. Erase
- 8. My Phone Num.
- 9. Memory Info.

3. Call Manager

- 1. Dialed
- 2. Received
- 3. Missed
- 4. In Call Memo
- 5. Call Duration
- 6. Erase History
- 7. Call Settings

4. Entertainment

- 1. Radio
- 2. Games
- 3. VoiceRecord

5. TATAZone

- 1. TATA zone
- 2. SMS Service

6. Organiser

- 1. Alarm
- 2. Scheduler
- 3. Task list
- 4. Memo Pad
- 5. Countdown
- 6. Tools

7. Profiles

- 1. Vibrate Only
- 2. Silent
- 3. General
- 4. Outdoor
- 5. Headset

8. Display

- 1. Wallpaper
- 2. Clock
- 3. Time
- 4. Menu Style
- 5. LCD Backlight

9. Settings

- 1. Language
- 2. Key Guard
- 3. Airplane Mode
- 4. Security
- 5. Shortcut Menu
- 6. Version

Onscreen Icons

The LCD shows icons on the top of the LCD screen.

Different indicator appears based on the phone's operating mode.



Indicate the signal strength in the service area.



The phone is not receiving system signal.



Display when call is in progress.



Display when a text message is received.



Display when a voice message is received.



Display when the alarm time is set.



Indicate charged battery level.



Display current phone profile mode is outdoor



Display current phone profile mode is general



Display current phone profile mode is silent.



Display current phone profile mode is headset.



Display current phone profile mode is vibratory.



Display current phone key guard is set.



Display the phone is in roaming status.,



Display when Airplane mode is set.

5. Basic Operation

5.1 Turning the Phone On and Off

5.1.1 Turning the Phone On

- 1) Install a charged battery pack or connect the phone to an external power source such as the cigarette lighter charger or car kit.
- 2) Hold down  for 2 seconds until the LCD screen flashes.

5.1.2 Turning the Phone Off

Press and hold the  until the display screen turns off, then release the key.

5.2 Signal Strength

If you're inside a building, being near a window may give you better reception. You can see the strength of your signal by the signal indicator  on your phone's display screen.

5.3 Power Saving Mode

When the phone is in an area without service for about 15 minutes, it stops searching for service and enters into the Power Saving Mode. When your phone activates this feature, Power Saving is displayed on your screen. The phone automatically checks for service periodically or you can check manually by pressing any key.

5.4 Speaker Phone

This function is a convenient feature which enables you to call using speaker phone button in on-hook state.

5.5 AM/FM Radio

This function is a convenient feature which enables you to listen to AM radio by using [AM] button and listen to FM radio by [FM] button.

5.6 Making Calls

Every time you make a call, follow these steps:

- 1) Make sure that the phone is turned on. If not, hold down  for 2 seconds.
- 2) Type the phone number and then press 
 - If the phone is locked, type the lock code. The lock code/password is commonly 0000 by default.
- 3) To end the call, press .

Note: In no service area,  appears on the screen. When trying voice call in no service area, "Call failed" is displayed. It means you are in no service area.

5.7 Receiving Calls

- 1) When the phone rings or vibrates (if the Vibrate Mode is enabled), press  to answer.
 - When you press  once, when a call is received, the phone stops ringing or vibrating depending on the mode it is in. Press again to reject the call.
- 2) To end an answered call, press .

5.8 Redialing Last Outgoing Number

Press key  twice to redial the last number in Recent Calls.

- You can also dial any of the last 60 (Dialed + Received + Missed) numbers stored in the Recent Calls.

5.9 Adjusting the Volume

The volume keys on the right side (Side Keys) of the phone can be used to adjust the earpiece, ring, and key volume. The upper key is used to increase and the lower key is used to decrease the volume.

- You may adjust the earpiece volume during a call.
- The key volume is adjusted through side keys.
- The ring volume can be adjusted through the Menu feature.

5.10 Quickly Adjust

5.10.1 Adjusting Vibrate Mode

Use Vibrate Mode in a public place.

In stand by mode, activate Vibrate Mode quickly by pressing the [#] (for 2 seconds) instead of using the Menu function.

- When Vibrate Mode is set, Key tone does not sound.

Note: To cancel Vibrate Mode, press [#] for 2 seconds.

5.10.2 Selecting Simple Profiles

Profiles let you choose your phone's sound setting to your environment. Just pick the profile (from: Vibrate Only /Silent / General / Outdoor) that suits your current environment.

- 1) In standby mode, press [Left]
- 2) Select one of four Simple Profiles **Vibrate Only**, **Silent** , **General** and **Outdoor** with [Up] or [Down].
- 3) Press .< Set > or [OK]

5.11 Shortcut Menu

Let you access to favorite menu quickly by customizing Shortcut Menu. Max 20 items can be stored in Shortcut Menu.

To Set Shortcut Menu please follow the step 7.9.5 Shortcut Menu on page No.35

Note: Select the item of choice with [Down] + [Up]/ [Down] from the Stand-by screen.

5.12 Speed Dialing

Speed dialing is a convenient feature, which allows you to make phone calls quickly and easily. Your phone recalls the phone number from your personal directory, displays it briefly and then dials it.

Memory locations 1 through 9 should be used for one touch dialing for your most frequently used phone numbers.

- 1) To register speed dial please follow the step 7.2.4 Speed Dial on page No. 25.
- 2) To dial any number, enter memory location number 1 to 99 .

Basically allocated speed dial is as follows;

- (1) *89 (Voice Mail)
- (2) 12900 (Voice Station)
- (3) 12524 (Customer Care Prepaid)
- (4) 121 (Customer Care Postpaid)
- (5) 197 (Directory Assistance)

5.13 Mute

The mute function prevents the other party from hearing your voice, but allows you to hear the other party.

- 1) Press Left Soft Key < **Options** > 1st **Mute On** during a call.
- 2) To cancel Mute, press Left Soft Key < **Options** > 1st **Mute Off** again.

5.14 Call Waiting

While a call is in progress, you may hear two beeps indicating another incoming call. When call waiting is enabled, you can put the active call on hold while you answer the other incoming call.

This service should be provided by your service provider.

- 1) Press  to receive a waiting call during the first call.
- 2) Press  again to switch between calls.

5.15 Caller ID

Let you know who is calling by displaying the number of the person calling when your phone rings. If the caller's name and number are already stored in your phone book, the corresponding name appears with the number.

This service should be provided by your service provider.

5.16 Message

This function is a convenient feature which enables you to entry messages menu by using [**Right**] button

6. Entering and Editing Information

Entering Information Using T9 Text Input

You can edit the Banner, Scheduler, Short Message and Contacts using T9 Text Input. T9 Text is an easy way to write. In this input method, you only need to press a key once for each letter. Your Phone also supports the T9 Text Input in Hindi language.

Key Functions

- **Left Soft Key < Options > 2nd item “Entry Mode”** : Press [**Up/Down**] to scroll and select a mode through menus.(**T9Hindi**, **T9English**, **Hindi**, **Abc**, **123**)
- **Shift Key [*]** : Used to change the letter case.
- **[2]~[9]** (Type Text): In T9 mode, press one key per letter to enter text.
- **[0]~[9]** (Type Numbers): In 123 (Numbers) mode, press once to enter numbers.
- **[#] (Next Key)**: In T9 mode, press to display other matching words.
- **[1] (Punctuation)**: In T9 mode, press to insert punctuation in a word and complete a sentence.
- **[0] (Space)**: Press to complete a word or insert a space.
- **Right Soft Key < Clear > (Clear)**:
 - Press to delete a single space or character.
 - Press and hold to delete entire words.

Input mode

Your phone provides seven modes for entering text, numbers, special characters, and punctuation.

■ T9Hindi Mode

- Type text using one keystroke per letter in Hindi with the help of T9 Hindi dictionary function.

■ T9English (T9) Mode

- Type text using one keystroke per letter in English with the help of T9 English dictionary function.

■ Hindi Mode Use Hindi mode to input text in Hindi language.**■ Abc (Multi-tap) Mode**

- Use Abc mode to input text in English language.

■ 123 (Numbers) Mode

- Type numbers using one keystroke per number.
- To change to 123 mode in a text entry field, press **Left Soft Key < Options** > 2nd item “**Entry Mode**”, Select “123” Mode,

■ Symbol Mode

Insert special characters, punctuation. You may use any of the special characters. When the cursor is located where you want the special character, switch to **Symbol** mode.

Press **Left Soft Key < Next >** to entry the next page. To select item, Press the assigned number key.

■ Initial Cap (T9En/Abc) Only the first letter is capitalized.**■ Caps Lock (T9EN/ABC)** All subsequent letters are capitalized.**■ Lowercase (T9en/abc)** All subsequent letters are lowercase.

6.1 How to Use T9 Text Input for English or Hindi

Typing In T9 Mode

When you want to use T9 Mode, check that T9 is shown at the Right-top of the display. To write the desired word, press each key once for one letter.

1. Press **[2]~[9]** to start entering a word.
2. Enter the whole word before editing or deleting characters.
3. When the word displays correctly, Press **[#]** to insert a space. Otherwise, press **[0]** to display alternative word choices.

6.2 How to Use Hindi or ABC(Multi-tap) Text Input

Typing In ABC (Multi-tap) Mode

Press the appropriate key until the character you want appears on the display.

6.3 How to Use Number mode Text Input

Press the keys corresponding to the digits you want.

6.4 How to Use Symbol mode Text Input

Press the corresponding number to select a symbol

6.5 Other operations

- Press **[1]** to enter functions marks or special characters in ABC mode

and T9 English Mode

- Press [*] to change case in ABC mode and T9 English Mode
- Press [#] to insert a space.
- Press [Navigation] keys to move the cursor.
- Press **Right Soft Key < Clear >** to delete characters one by one.
- Press and hold **Right Soft Key < Clear >** to clear the entire display

7. Using Phone Menus

General Guidelines to MENU Access and Settings

1. Press < **Menu** > 9 menu items will appear on the display screen.
2. Press [**Navigation**] Key to go through the list of menu features.
3. Press the corresponding number to the menu item that you want to select or press [**OK**] when highlighted. Then the sub-menu list will appear on the screen.
4. Press the appropriate key to select the sub-menu you want to access.
5. Use [**OK**] to select your preferred setting. Press < **Back** > to go back one step while accessing the menu or selecting a setting.
6. Press [**OK**] to save the settings or press < **Back** > to cancel without saving.

7.1 Messages

Text message, page and voice mailbox become available as soon as the power is on. You can access the above types of messages using the message Key [**Right**]. In addition, you can make a call to message sender by pressing [**Send**] during a message check.

The phone can store up to 101 messages (100 text messages + 1 voice message) with 160 characters per message.

Users may read and edit messages, saved in the sent during transmission and send them. However you should check whether your service provider provides the above features.

7.1.1 New Message

Allow you to send a text message up to 160 characters at a time. If there is any interruption by a call while composing a message, messages automatically will get saved.

1. Select [**1**] **New Message**
2. Type your message then press [**OK**].
3. After entering the phone number where the message is to be sent, enter the next recipients address by pressing [**DOWN**].

You can add up to 10 recipients. Press Left Soft Key < **Options**>

- **Send** Use to send the message.
- **The Last** Select a recent sent number.
- **Find Names** Select number from Contacts.
- **SMS Groups** Select number from SMS Groups Members
- **Priority** Set Message Urgent, Normal, Emergency
- **Save Sending Message** Set Sending Msg save or not

7.1.2 Inbox

Received text messages and page messages may be searched, and the contents may be viewed. Received messages are sorted in an order of urgent unread messages, unread messages and read messages. Up to 100 messages can be stored in Inbox.

1. Select [**2**] **Inbox**.
2. After selecting the desired message with [**Up**]/[**Down**]; press[**OK**] to view the message.

Press Left Soft Key < **Options** > to select from **Reply**, **Forward**, **To Archive**, **Save Address** and **Erase**.

- **Reply** This function allows you to reply to this message.
- **Forward** Forwards a received message to others.
- **To Archive** Moves the selected message from the Inbox to the Archive.
- **Save Address** Save the number of Message's Sender to Contacts.
- **Erase** Erase the selected message.

7.1.3 Outbox

All your sent messages will store here if you select save option 'Yes' in Send Message. Up to 30 messages (15 Sent msg + 15 Unsent msg) may be saved.

1. Select [**3**] **Outbox**.
2. Select Sent box or Unsent box, Press [**OK**]
3. After selecting the desired message with [**Up**]/[**Down**]; press [**OK**] to view the message.

Press Left Soft Key < **Options** > to select from **Forward**, **To Archive** and **Erase**.

- **Forward** Forwards a selected message to others.
- **To Archive** Moves the selected message from the Outbox to the Archive.
- **Erase** Erase the selected messages.

7.1.4 Voice Mail

Voice mail notification indicates the number of new voice mail message in your mailbox. Only the most recent voice mail notification will be stored in your phone, previous message will be overwritten.

- To delete information, press Soft 1Key < **Options** > and then select **Listen**, **Erase**. While you are answering another call, if you have a new message, the sender's number will be displayed on the screen.

Check with service provider for availability of this feature.

7.1.5 Templates

There are 9 predefined phrases included in the Templates. You may edit the templates and add new templates.

1. Select [**5**]**Templates**.
2. After selecting the desired message with [**Up**]/[**Down**]; press [**OK**] to view the message and edit templates.

7.1.6 Archive in UIM

Archive allows you to store your message in a different folder.

1. Select [**6**] **Archive in UIM.**, if the Archive Lock is set , Enter the four-digit Lock code. The lock code/password is commonly **0000** by default.
2. After selecting the desired message with [**Up**]/[**Down**] ; press [**OK**] to view the message.
3. In case of View Archive message, Press Left Soft Key < **Options** > to select from **Reply**, **Forward**, **Save Address** and **Erase**.
 - **Reply** This function allows you to reply to this message.
 - **Forward** Forwards a selected message to others.
 - **Save Address** Save the number of Message's Sender to Contacts.
 - **Erase** Erase the selected messages.

7.1.7 Drafts

Message failed in transmission may be stored here. Up to 30 messages may be saved.

1. Select [**7**] **Drafts**.
2. After selecting the desired message with [**Up**]/[**Down**]; press[**OK**] to view the message and entry to the process for **Send Message**.

7.1.8 SMS Groups

Allow you to change Group Name. You may sent a message by Group. There are 5 Groups can be saved.

Select your desired Group using [**Up**]/[**Down**], then press Left Soft Key < **Options** >.

In < **Options** >, you can view , sent , rename and clear group.

- **View** : view members in selected group,
- **Sent** : sent message in the group.
- **Rename** : allow you to change group name.
- **Clear Group** : erase selected members from selected group

7.1.9 Erase Msgs

You can delete all stored messages from different folder and make them empty.

1.9.1 Inbox

Allow you to delete Read messages, All messages, Delivery Ack messages.

1.9.2 Outbox

Allow you to delete Sent messages, Unsent messages, all messages saved in the Outbox.

1.9.3 UIM

Allow you to delete all messages saved in the Archive in UIM.

1.9.4 Drafts

Allow you to delete all messages saved in the Drafts.

7.1.10 Msg Settings

You can customize your phone's message facility according to your requirement by configuring various options i.e. Priority, Delivery ACK, Save Sent Msg, Archive Lock, Scroll Timer, Auto Erase inbox, Msg Reminder.

Priority

When sending a message, you can select the default from **Normal**, **Urgent**,

Emergency

Delivery Ack

Allow you to select delivery acknowledgement with your messages.

Save Sent Message

With this feature on, messages are automatically saved in the Outbox when transmitted.

Archive Lock

Lock the Archive for your privacy, if you want to entry the menu **Archive in UIM**, need entry lock code. default lock code is **0000**

Scroll Timer

Set the scroll timer among of **5s, 4s, 3s, 2s, 1s** or **Off**, When view the details of message, if message contents more bigger than screen's, the content display will be scrolled with the scroll timer.

Auto Erase Inbox

With this feature on, the lastest message is automatically erased in the inbox when the number of inbox message is up to the max number (100).

Msg Reminder

Set the Msg reminder among of **Once, Every 1 min** or **Off**, when receive the new message and don't operate anything, the phone will remind you.

Call Reject SMS

This menu allows you to send messages or not when rejecting an incoming call

7.1.11 Memory Info

Allow you to view the amount of memory available for inbox, Outbox, UIM and Drafts.

7.2 Contacts

Allow you to keep records of your contacts, search and alteration to stored entry, Assign speed dial and settings of groups, check memory status, and allow you to delete an entry.

7.2.1 Add New

You can store multiple contact details under a name: Group ID, Mobile Number, Office Number, Home Number, Other Number, a ring tone for incoming calls, E-mail address, Memo. Up to 500 numbers can be stored under the contacts.

1. Enter a name for the phone number (up to 16 characters).
2. After selecting No group by pressing [**Down**], select a desired group using [**Left**]/[**Right**] .
3. After selecting mobile/home/office/others using [**Up**]/[**Down**] , input phone number with number key.
4. To designate Speed Dials, press Left Soft Key < **Options**> **Item Assign**. Using number key, input speed dial or select a desired speed dial with [**Navigation**] Key and then press [**OK**].
5. After selecting bell by pressing [**Down**] , press Left Soft Key < **Options**> **Item Set** select a desired bell and press [**OK**].
6. After selecting E-mail by pressing [**Down**] , After inputting e-mail address, press Left Soft Key < **Options**> **Item Domains**. Select domains and input e-mail address.
7. After selecting Memo using [**Down**], type the memo using the numeric keypad
8. Select main number using [**Up**]/[**Down**] then press [**OK**] to save.

7.2.2 Find

To find phone numbers you have stored in the Phone and in UIM

1. Select contact search type using [**Left**]/[**Right**], then press [**Down**] .
Search type(**Phone Only, UIM Only, View All, Group**)

2. You can search the contact as following:
 - (1) Press [**Up**]/[**Down**] to scroll through your Contacts alphabetically.
 - (2) Enter full or initial character of contact name.
 - (3) Enter full or part number of contact phone number
3. You can see and choose the others details of contact by selecting “**View**” in < **Options**>.
4. You can send a text message to the selected contact number by selecting “**Message**” in < **Options**> on Contact View screen,
5. You can edit in contacts by selecting “**edit**” in < **Options**> on Contact View screen,

More functions can be use by pressing Left Soft Key < **Options** > on Contact List screen as following:

- **View** see and choose the others details of contacts.
- **Copy to Phone/UIM** Copy selected contact to Phone/UIM.
- **Move to Phone/UIM** Move selected contact to Phone/UIM
- **Erase** Allow you to erase selected contact.

More functions can be use by pressing Left Soft Key < **Options** > on Contact View screen as following:

- **Edit** Edit the selected contact's details
- **Message** Send a text message to highlighted number.
- **Send Contact** Send the selected contact number to your other contact.
- **Erase** Allow you to erase selected contact.

7.2.3 Groups

Allow you to change Group Name. You may assign Ring Tones by Group.

Select your desired Group using [**Up**]/[**Down**], then press Left Soft Key < **Options** >. you can **View**, **Add** and **Erase members** , **Set Ring Tone** and **Rename**

- **View Members** : View members in selected group,
- **Add Members** : add a contact in the group.
- **Set Ring Tone** : selecting desired Group Bell
- **Erase Members** : erase selected members from selected group
- **Rename**: Rename the selected group's name

7.2.4 Speed Dialing

Speed Dialing allows you to make a call faster by just pressing a corresponding number.

To register, use Left Soft Key < **Options** > item **Assign** to find information you want, then press [**OK**] or Left Soft Key < **Options** > select item **View**, and select your want phone number.

In < **Options** >, you can **Replace**, **Erase**, **Erase All**.

- **Replace**: Select Replace to change the number assigned to a particular location.
- **Erase**: Delete Speed Dialing saved in phone.
- **Erase All**: Delete all stored Speed Dialing.

7.2.5 Copy

Allow you to find and copy contact from saved in Phone to saved in UIM or from UIM to

Phone

1. Select Copy type (Phone to UIM / UIM to Phone) by [**Up/Down**] and press [**OK**]
2. Select contact using [**Up**]/[**Down**], then press [**OK**].
3. Press Left Soft Key < **Option** >, Select 2nd item **Copy**
4. Select “**Yes**” using [**Up/Down**], then press [**OK**].

7.2.6 Move

Allow you to find and move contact from saved in Phone to saved in UIM or from UIM to Phone

1. Select Copy type (Phone to UIM / UIM to Phone) by [**Up**]/[**Down**] and press [**OK**]
2. Select contact using [**Up**]/[**Down**], then press [**OK**].
3. Press Left Soft Key < **Option** >, Select 2nd item **Move**
4. Select “**Yes**” using [**Up**]/[**Down**], then press [**OK**].

7.2.7 Erase

Allows you to find and delete contact saved in Phone or in UIM

1. Select contact search type using [**Left**]/[**Right**], then press [**Down**]
Search Type (**Phone Only**, **UIM Only**, **View All**, **Group**)
2. Select contact using [**Up**]/[**Down**], then press [**OK**].
3. Press Left Soft Key < **Option** >, Select 2nd item **Move**
4. Select “**Yes**” using [**Up**]/[**Down**], then press [**OK**].

7.2.8 My Phone Num.

Allow you to view and edit your phone number.

7.2.9 Memory Info

Check the number of contacts you have stored on the UIM card or in the phone's memory

7.3 Call Manager

Call Manager maintains all types of call details and allows you to set Call Settings (answer mode, call waiting, call forward, auto redial etc), show call duration and also allows you to erase call history.

Note: You can view Call history in two ways.

- The [**Send**] key in idle mode, total of 60 most recent calls including Dialed, Received and Missed are displayed.
- In Call history menu, total 60 numbers are listed under Dialed, Received, Missed.

7.3.1 Dialed

Allow you to view list of all Dialed Calls.

1. Press Left Soft Key < **Options** > **View** / **Message** / **Edit Number** / **Save** / **Erase** / **Erase All** appears on the screen.
2. You may make a call by pressing [**Send**] key.

7.3.2 Received

Allow you to view list of all Received Calls

1. Press Left Soft Key < **Options** >. **View / Message / Edit Number / Save / Erase / Erase All** appear on the screen.
2. You may make a call by pressing [**Send**] key

7.3.3 Missed

Allow you to view list of all Missed Calls

1. Press Left Soft Key < **Options** >. **View / Message / Edit Number / Save / Erase / Erase All** appear on the screen.
2. You may make a call by pressing [**Send**] key

7.3.4 In Call Memo

Allows you to view of quick note (number only) which saved during the call. While call is in process, press [**Left**],

1. Press Left Soft Key < **Options** >. **View / Message / Edit Number / Save / Erase / Erase All** appear on the screen.
2. You may make a call by pressing [**Send**] key

7.3.5 Call Duration

Allow you to view the duration of selected calls and the number of SMS sent by you.

1. Use [**Up/Down**] to highlight the list of calls
(**Last Call / All Dialed Calls / All Calls**)
2. Select Left Soft Key < **Reset** > to clear call duration one by one.

7.3.6 Erase History

Allows you to erase call from different folder and make them empty.

1. Select the item which it will erase with [**Up**]/[**Down**], then press Left Soft Key < **Select** > (**Dialed Calls / Received Calls / Missed Calls**)
2. Select **Yes** using [**Up**]/[**Down**] and then press [**OK**] .

7.3.7 Call Settings

Answer Mode

Allow you to determine how to handle an answered call.

Auto Redial

Allows you to set the length of time the phone waits before automatically redialling a number when the attempted call fails.

- If you set Auto Redial is On, default redial time is 30 seconds

Call Forward

This menu allows you to configure the call forward service which diverts incoming calls to a user-specified number.

1. Select the item of your choice by using [**Up/Down**], then press [**OK**].
(**Immediate / When Busy / No Reply/Not Reachable**)
2. Set **Enable / Disable / Edit Feature Code** with [**Up**]/[**Down**], then press [**OK**].
3. Set **Voice Mail / Other Number**
4. **Press [OK] or Left Soft Key < Save >**

Call Waiting

This menu allows you to configure the call waiting service which hold incoming calls to a user-specified number.

Voice Privacy

Use an encrypted high security line so that people can not eavesdrop on your conversation, or use a standard line.

Smart Sound

Set the audio AGC feature to **On** or **Off**, to controls AVC (Automatic Volume Control) during the call conversation. The default is on.

Call Connect Alert

With this feature on. You will hear the remind sound when the mobile connect to the mobile station during the originating call.

Int'l Call Prefix

Set the international call access code to **Manual** or **Automatic**, The long press “0” shall serve as “+” and the User Interface shall display + on the screen.

1. Set **Manual / Automatic** with [**Up**]/[**Down**], then press [**OK**].
2. Edit the access code you want in Manual Mode. and press < **Save >**

7.4 Entertainment

7.4.1 Radio

Access to AM/FM Radio

You can enjoy both FM and AM radio broadcasting by this phone. There are two ways for you access AM or FM radio:

- 1) In idle display, press <**Menu**>, select **Entertainment > Radio**, and then choose “**Listen to AM Radio**” or “**Listen to FM Radio**”
- 2) You can also press the quick key [**FM**] or [**AM**] on the keypad and go into the radio directly.

Selecting a Channel

When the radio is switched on.

The channel you listened to last time is selected, or if there is no latest channel, the first channel with signals is selected. or if all channels are empty, the frequency is selected by default.(in FM radio. Channel 1, 91.1Mhz, Radio City)

In the broadcasting screen of the radio, press [**LEFT**] or [**RIGHT**] to change the channel and press [**UP**] or [**DOWN**] to adjust the volume, you can also change the channel by using the headset button both in the idle screen and the radio main screen.

Press <**Hide**> to radio play in the background, you can do other thing(New message, Add Names, etc.).

Press <**Options**> to select from **Switch AM/FM, Switch Off, VoiceRecord, Edit Channel, Auto Scanning, Reset, Reset All**.

- **Switch AM** Switch to the AM radio during the FM radio playing
- **Switch FM** Switch to the FM radio during the AM radio playing
- **Switch OFF** Switch off the radio, and back to previous screen.,
- **VoiceRecord** Allow you to record the voice and sounds out from FM/AM, and it can be saved automatically, if you want to play the voice ,you can entry the VoiceRecord menu.
- **Edit Channel**
Edit the selected Channel's name and Channel Frequency
Enter a channel name and press **[DOWN]**
Enter a frequency, which is from 522 KHz to 1710 KHz for AM, and from 85.0 MHz to 110.0 MHz for FM, or press **[LEFT]** or **[RIGHT]** to move the cursor to your want frequency and press**<.Save >**
- **To Auto Scanning** Searches for all available channels automatically and manually saved. Your phone can save up to 12 channels, When 12 channels are found, your phone stops searching automatically.
- **Reset** Reset the selected channel to default value.
- **Reset All** Reset all channels to default value.

NOTE:

- Without the headset ,you can't listen to FM radio, and only listen to AM radio.
- You can switch **FM** or switch AM in the idle screen, or in the broadcasting screen by press **[FM]** or **[AM]**.
- The FM radio is switched off if you disconnect the headset for over one minutes.
- If you set the ring tone or adjust the volume while the radio on, the radio is turned off automatically until you finish setting.
- When there is an incoming call, the radio is turned off automatically until you finish talking,

7.4.2 Game

Play a game SuDoKu

7.4.3 VoiceRecord

Allow user to record voice you want, and user can record voice during the FM/AM play, and you can listen to saved voice record, also rename, erase voice records.

7.5 TATA Zone**7.5.1 TATA Zone**

This function allow you to access **TATA Zone** to download exciting ringtones offered by TATA Indicom

1. Select **TATA Zone** > **TATA Zone** or **[OK]** in idle screen.
2. Logo will be displayed followed by Tata Indicom Brew Services Menu.
3. Scroll through the menu using **[Up]/[Down]** and launch any Brew Service by clicking on press **[OK]** .
4. To exit from Brew Service at any time, press **[End]**.

Note: All Brew Services may not be available to every subscriber. Please contact your service provider for further information, dial 12524/121

7.5.2 SMS Service

Use a variety of additional services offered by your service provider. This menu is available only when you use a UTK UIM card that provides additional services.

Allow you to access a range of SMS based services that help you do more. Simply select the desired service from the service menu. Choose from **Jokes**, **Cricket Information**, **Astrology**, **Win Prizes** and do more, you will see help information if you entry this function at the first time.

1. Select **TATA Zone** > **SMS Service** or [**OK**] in idle screen.
2. Select SMS Service, you will see the list of UTK function
3. Select the item of your choice by using [**Up**]/[**Down**] and press [**OK**]

Note: to get the list of services available for your handset or for further assistance on these services, dial 12524/121

7.6 Organiser

Main menu options to customize your phone.

7.6.1 Alarm

Alarm will sound at the time designated and the icon “Alarm” will be displayed on the screen.

1. Select the item of your choice (Alarm1~Alarm3)
2. You can change the alarm mode using [**Left**]/[**Right**]
Off / Once / Daily / Mon~Fri / Mon~Sat / Weekends
3. Use [**Down**] to set alarm time, Snooze timer, Set ringing type then press to save.
 - Select AM/PM and Hour/Minute with[**Left**]/[**Right**]
 - Set Snooze timer with [**Left**]/[**Right**]
 - Press < **Options** > for Select Ringer.

How to Set Snooze

Snooze defaults when it is set to morning call.

When no key is input when alarm sounds, Snooze function is set automatically one minute later, and the alarm sounds again five minutes after set alarm time. Snooze alarm repeats 3 times.

Note: In case alarm is set to 'Mon to Fri' or 'Mon to Sat' mode and set alarm time is changed to Saturday or Sunday by snooze time, the first snooze alarm rings and alarm is deactivated.

7.6.2 Scheduler

Scheduler keeps your agenda convenient and easy to access. Simply store your appointments and your phone alerts you with a reminder of your appointment.

How to use buttons:

[**Navigation Key**] Move cursor to the left or right or up or down.

[**2**] Move to the previous year.

[**8**] Move to the next year.

[4] Move to the previous month.

[6] Move to the next month.

Allow you to input your schedule. Up to 60 can be saved.

If you input the time and memo, an alarm rings at the set time.

1. Select the date using your keypad, then press [**OK**]
2. Select the < **Add** > item in < **Option** > Menu.
3. Enter your schedule information including:
 - Date((Day/Month/Year))
 - Contents
 - Alarm Set(On/Off)
 - Time Set(Hour, Minute, Am/pm)
4. Press [**OK**]

7.6.3 Task List

Allow you to make To Do items up to 40.

You can save a note for a task you have to do. The notes can be saved in priority order.

You may be able to save up to 32 characters per item. That is, the number of character saved to item is 32.

1. Press < **Add** > to write a new task .
2. Edit contents, Set priority and Alarm type (On/Off)
3. Press [**OK**] to save.

Note: In case there is saved Task, the function of **View**, **Add**, **Erase**, **Erase All** is available with < **Option** >.

7.6.4 Memo Pad

Up to 20 can be saved.

1. Press < **Add** > to write a new Memo.
2. Edit contents, then press [**OK**] to save.

Note: In case there is saved Memo Pad, the function of **View**, **Add**, **Erase**, **Erase All** is available with < **Option** >.

7.6.5 Countdown

Up to 5 can be saved.

1. Press < **Add** > to write a new Countdown.
2. Use to set a date. Select day/month/year with [**Left**]/[**Right**]
3. Press [**Down**]
4. Edit contents, then press [**OK**] to save.

Note: In case there is saved Countdown, the function of **View**, **Add**, **Show** and **Hide**, **Erase**, **Erase All** is available with < **Option** >.

7.6.6 Tools

Stopwatch

Allow you to measure time and take intermediate times or lap times using the stopwatch.

Calculator

Calculate simple mathematical computations.

Press [0] ~ [9] and [Navigation Key]

Note: Calculations can be made with up to 20 characters at one time
(e.g., 78 + 8 - 3 would be 6 characters).

Unit Converter

Allows you to convert the different unit.

1. Select the item of your theme choice by using [Down]/[Up]
(Length/ Surface / Mass / Volume / Temperature)
2. Press < Select > to convert the different units

World Clock

Allow you to determine the current time in another time zone or country.

1. Select the city you desire by using [Left]/[Right]
2. Press [OK] or < Select >

7.7 Profiles

Option to customize the phone's profiles.

7.7.1 Vibrate Only

Allow you to set the phone profile mode to Vibratory mode.

7.7.2 Silent

Allow you to set the phone profile mode to Silent mode.

7.7.3 General

Allow you to set the phone profile mode to general mode..

Select the **General** using [Down], press < Edit >

Ring Alert

Allow you to select the alert type for a call.

Ring Type

Allow you to choose the kind of ring type to remind you during the incoming call.

- **Ring / Vibrate / Vibrate & Ring / Ring After Vibrate / Ascending / One Beep**

/ Silent / Light**Ring Tone**

Allows you to select a tone among Default and Downloaded ring tones. When incoming call , the selected tone is played,

Message Alert

Allow you to select the alert type for a new message

Message Type

Allow you to choose the kind of reminding when receiving the new message.**Vibrate / Light / Two Beeps / Four Beeps / Ring**

Message Tones

Allows you to select a tone among of **Effect1, Effect2, Effect3 and Effect4**, when receiving the New message, the selected tone is played,

Volume Setting

1. Choose a Volume sub-menu and press .
 - **Ringer Volume / Earpiece Volume / Speaker Volume / Key Volume/ Message Alert Volume / Game Volume/Popup volume**
2. Use [Left] or [Right] to adjust the volume of different modes, choose a specified level then press [OK].

Service Alert

Allow you to set the system service alert (**On/Off**)

7.7.4 Outdoor

Allow you to set the phone profile mode to Loud Sound.

7.7.5 Headset

Allow you to set the phone profile mode to headset mode. When using headphones keys, press more than 250 ms.

Ring Alert

Allow you to select the alert type for a call in Headset mode.

Message Alert

Allow you to select the alert type for a new message in Headset mode.

Volume Setting

Allow you to set various volume settings in Headset mode.

Service Alert

Allow you to set the system service alert (**On, Off**) in Headset mode.

Auto Answer

Allow you to auto answer the incoming call in Headset mode.

Off / After 5 Secs / After 10 secs

7.8 Display**7.8.1 Wallpaper****Theme**

Allow you to choose the kind of background to be displayed on the phone.

1. Select Default/Download by using [Up]/[Down]
2. Select the item of your theme choice by using [Left]/[Right]
(**Flower / Smooth / Water Lily / Magic**)
3. Press < Select > to save the theme

Banner

Allow you to enter a string of up to 12 characters which displays on the LCD screen.

1. Select Enable/Disable by using [Left]/[Right]
2. Enter characters.
3. Press [OK] to save.

7.8.2 Clock

Allow you to choose the kind of clock to be displayed on the LCD screen.

Select the item of your choice by using [Left]/[Right] , then press [OK].
(**Analog Clock / Digital Clock / Dual Clock / Off**)

7.8.3 Time

Allow you to view the Time as **12 Hours** Style or **24 Hours** Style.

7.8.4 Menu Style

Allow you to view the Menu as an **Icon** or **Frame** display.

7.8.5 LCD Backlight

Display and buttons are lighted for a designated length of time, allowing you to use your mobile phone in the dark with convenience.

Select the item of your choice with [[**Up**]/[**Down**]] and then press [**OK**] or < **Select** >

7.9 Settings

The Settings menu allows you to designate specific phone settings.

7.9.1 Language

Set the Language between English and Hindi. with [**Up**]/[**Down**] and then press [**OK**] or < **Select** >

7.9.2 Key Guard

Set the phone to lock the keypad automatically when the display turns off or lock the keypad by manually pressing and holding [*] in Idle screen.

7.9.3 Airplane Mode

Set the phone to airplane mode or not, in airplane mode, user can not make calls or send messages, the phone disconnect with mobile station.

7.9.4 Security

Card Settings

Allow you to set UIM Card's Pin Code Request and Change Pin Code.

1. Enter the four-digit lock code.

The lock code/password is commonly **0000** by default.

2. Press [**1**] **Card Settings**

3. Select the item of your choice by using Use [**Up**]/[**Down**] to set card setting,

4. Press < **Select** > and Set.

Lock Mode

Keep your phone from unauthorized use.

1. Enter the four-digit lock code.

The lock code/password is commonly **0000** by default.

2. Press [**2**] **Lock Mode**

3. Select the item of your choice by using Use [**Up**]/[**Down**],

4. Press [**OK**]

Change your Phone Lock Code

Allow you to enter a new four-digit lock code number.

For confirmation, your phone will prompt you to enter the new lock code twice.

1. Enter the four-digit lock code.

The lock code/password is commonly **0000** by default.

2. Press [**4**] **Phone Lock Code**
3. Enter the new four digit Lock code, then press [**OK**]
4. Re-enter Lock code, then press [**OK**]

Reset

1. Enter the four-digit lock code.
The lock code/password is commonly **0000** by default.
2. Select the item of your choice by using [**Left**]/[**Right**],
then press < **Select** > (1. Reset Settings 2. Reset Phone)
3. Press [**OK**]

7.9.5 Shortcut Menu

Allows you to set your favorite menu function to Shortcut Menu List,
This function is a convenient feature which enables you can entry the List using
[**Down**] on Idle Screen,

1. Select the item of your choice by using [**Up**]/[**Down**], then Press [**OK**]
(**Contacts** / **Call Manger** / **Entertainment** / **Organ.&Tools** / **Display,etc**)
2. Again select the item of your choice by using [**Up**]/[**Down**], then Press [**OK**]

7.9.6 Version

Allow you to view the S/W, PRL, H/W and Brew version.

8. General Information

- Main Unit

Item	R150A
Tx Frequency	Digital : 824 ~ 849 MHz
Rx Frequency	Digital : 869 ~ 894 MHz
Channel Bandwidth	1.25 MHz
Tx Power	Digital : LOWER: 0.2W ~UPPER:1W
Rx Sensitivity	-104 ~ -25dBm
Size(mm)	100 X 43 X 13 (L X W X H)
Weight(g)	Below 73(with batter) Below 50 (without battery)
Operating Temperature	0 ~ 55°C

- AC/DC Adapter

Item	SMPS Type Description
Input Voltage	AC 100 ~ 240V
Input Frequency	50 / 60Hz
Output Voltage	5.0V(DC), 0.4A

- Battery

Item	Description
Capacity	1050mAh
Talk duration time	200Minutes
Standby duration time	260 Hours
Charging duration time	5 Hours

Shenzhen Zhenhua Communication Equipment Co., Ltd
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ANNEX RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types R150B (WN5-R150B) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.146 W/kg and when properly worn ion the body is 0.325W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirement, and should be avoided.

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

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the use's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protections 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 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.