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User Manual

UTS 700 U (C)
User Manual
Issue 1.0

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Safety Precautions

Introduction

- Thank you for purchasing your new UTS 700 U (C) phone.
- Please read this instruction manual thoroughly.
- The display screens, illustrations, etc., used in this document are created for instructional purposes and can differ slightly with the actual phone.

How to Use This Instruction Manual
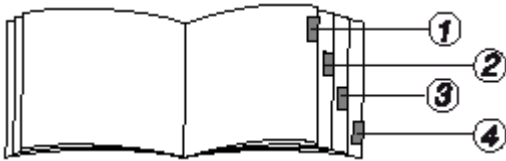
1. Before using your phone
   Includes facts you should know before using your new phone.
2. Basic operation
   Explains the basic operation of making and receiving calls
3. Phone Book
   Explains the operations used to store names and numbers in the memory of the phone.
4. More Essential function
   Explains useful convenience functions.
5. Reference
   Explains phone maintenance and troubleshooting procedures.

Conventions with the manual:
- "press" means to press a key and then release;
- "press and hold down" means to press a key for 2 sec or more and then release.
- "service area" refers to a service coverage area where a handset can receive signals effectively.

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Explanation of Symbols

- Before using your phone, please read the "Safety Precautions" thoroughly.
- The cautions included here are provided to prevent danger to persons and property.
- The following explain the degree of danger and damage that could occur if these safety precautions are not observed.

⚠ DANGER	This symbol indicates that erroneous operations may directly result in personal serious injury or death.
⚠ WARNING	This symbol indicates that erroneous operations may result in the possibility of death or serious injury.
⚠ CAUTION	This symbol indicates that erroneous operations may result in the possibility of injury or physical damage.

- Explanations of other symbols used in the manual:

🚫 Prohibited	This symbol indicates a prohibited action.
❶ Compulsory	This symbol indicates an action that must always be performed.
Disassembly prohibited	This symbol indicates that disassembly is prohibited.
Remove power plug	This symbol indicates that the power cord must be removed from the outlet.

Handling the Phone, Battery, and Charger

⚠ DANGER

Use only the battery and charger approved for the UTS700U (C) phone. The use of any other types can result in damage to the phone, electric shock or the risk of fire.	🚫 Compulsory

⚠ CAUTION

Do not store the phone or charger in hot, wet, or dusty areas. High temperatures, humidity and dust can damage electrical and mechanical components. This can cause the phone or charger to malfunction.	🚫 Prohibited
Keep the phone, battery and the charger dry. Exposure to precipitation, humidity and liquids can damage electronic components and circuit boards.	🚫 Prohibited

⚠ WARNING

Do not drop, shake or throw the phone or charger. Rough handling can break internal circuit boards and damage the battery pack.	🚫 Prohibited
Do not use a microwave oven or any other type of heating equipment to dry the phone, battery pack or charger. High temperature can shorten the life of electronic devices, damage the battery pack, and warp or melt plastic parts.	🚫 Prohibited
Do not use the phone in the vicinity of volatile gases. Leave the area before using the phone. Failure to leave the area can result in the risk of fire or an explosion.	🚫 Prohibited
Do not disassemble or modify the phone or charger. Incorrect modifications or reassembly can cause malfunctions or personal injury when the phone or charger is used.	🚫 Disassembly prohibited

Handling the Phone

⚠ **WARNING**

Do not use the phone while driving. Park the vehicle before using the phone. Traffic safety first.	🚫 Prohibited
Observe any special regulations in effect in any area (hospital, aircraft, etc) when you have to use the phone. Always disconnect the charger and remove the battery of your phone whenever it is forbidden to use it, or when it may cause interference or danger.	❗ Compulsory
Do not use the phone near electronic equipment prone to interference. . Radio frequency interference may result in malfunction of the electronic equipment. The following are such electronic equipment: Hearing aids, pacemakers and other clinical electronic devices, fire detectors, automatic doors and other automatically controlled devices. If you have to use phone near electronic medical devices such as pacemakers, please consult device manufacturer or local dealers.	🚫 Prohibited

⚠ **CAUTION**

In rare cases, using the phone inside certain models of vehicles can adversely affect the electronic equipment inside the vehicle. Do not use the phone in such cases, because it is dangerous for personal security.	🚫 Prohibited
Keep all storage media (magnetic cards, floppy disks, credit cards, etc.,) away from the phone. Close encounters or contact can erase or damage the storage media.	🚫 Prohibited
Keep all sharp metal objects (Pins, Nails, Hairpins etc.) away from the handset of the phone. The earpiece of the handset contains a strong magnet that can attract and hold metal objects. Remove any objects from the handset earpiece before using to avoid personal injury.	🚫 Prohibited

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Handling the Battery

⚠ **DANGER**

Do not dispose of the battery pack in a fire. It may explode. Check with local waste management codes for disposal instructions.	🚫 Prohibited
Do not force the battery pack into the phone. Improper installation can cause malfunctions or damage the battery pack. This may result in the risk of fire or personal injury.	🚫 Prohibited
Use caution in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.	🚫 Prohibited
Do not solder the battery terminals together. This may result in a cracked or leaking battery pack or the risk of fire.	🚫 Prohibited
Do not open or mutilate the battery pack. Battery acid is corrosive and may cause burns or injury to eyes. If battery acid gets into the eyes, DO NOT RUB. Immediately flush the eyes with clean water and call a physician.	❗ Compulsory
Do not leave or store the battery pack in hot areas (Near fire, a heater, etc). High temperature can damage and shorten the life of the battery pack. This may result in a cracked or leaking battery pack or the risk of fire.	🚫 Prohibited

⚠ **WARNING**

Do not use a discolored, deformed or damaged battery pack in the phone. This may result in personal injury or the risk of fire.	①
Do not open or mutilate the battery pack. Battery acid is corrosive and may cause burns or injury to skin or clothing. If battery acid is spilled, immediately flush the area with clean water to prevent injury.	❗ Compulsory
Do not use a cracked, leaking or odor emitting battery pack near an open flame.	❗ Compulsory

⚠ **CAUTION**

Do not leave or store the phone in areas where temperatures are more than 45 °C for a long period of time. High temperature can shorten the life of electronic devices, damage the battery pack, and warp or melt plastic parts.	🚫 Prohibited
The battery cord is color-coded, the red line is positive (anode), the black line is negative (cathode) and the yellow line is a sensor output.	❗ Compulsory

Handling the Charger

⚠ **DANGER**

Use only a power source that provides the appropriate voltage (AC240V±10% or AC110V±10%) for the charger. An unsuitable power source can result in damaging the charger, electric shock or the risk of fire.	🚫 Compulsory
Do not short circuit the charger connector jack. This may result in the risk of fire or electric shock.	⊘ Prohibited
Do not use the charger if the power supply cord or plug is damaged or frayed (exposed or broken wires, etc). This can result in the risk of fire or electric shock	⊘ Prohibited
Unplug the charger from the outlet before cleaning. Do not use liquid or aerosols cleaners. Use a damp cloth for cleaning to wipe off any accumulated dust to prevent any chance of fire.	🚫 Compulsory
Never spill any liquid on the charger. This may result in the risk of fire or electric shock.	⊘ Prohibited
Unplug the charger immediately from the wall outlet if liquid has been spilled into the unit to prevent the risk of fire or electric shock.	Remove power plug
Do not use the charger in areas with high humidity, such as bathrooms or the like. This may result in malfunction, electric shock or the risk of fire.	⊘ Prohibited
Do not touch the charger power cord or wall outlet with wet hands. This may result in the risk of fire or electric shock.	⊘ Prohibited

⚠ **CAUTION**

Always unplug the charger from the wall outlet before cleaning to avoid the risk of electric shock.	🚫 Compulsory
Do not place objects on the power cord. Install the charger where no one can step or trip on the power cord.	⊘ Prohibited

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Phone Information

Avoid extremely high or low temperatures. Always use the phone in an environment with a temperature range of 10°C~40°C and humidity range of 45%~95%.
For maximum signal strength and noise free operation, use away from electrical appliances such as TV, radio or personal computer.

Battery Information

Store the battery in a cool, well-ventilated area. Do not store in direct sunlight. If left unused a fully charged battery will discharge itself over time. If a fully discharge battery is stored for a long period of time, it may not be possible to recharge the battery.
Do not discard old batteries with household trash. Where regulated, check with local waste management codes for disposal instructions.

SAFETY Information:

This wireless hand phone has been tested and complies with the Federal Communications Commission (FCC) RF exposure limits for General Population/Uncontrolled exposure environment. In addition, it complies with the following Standards and Guidelines:

- FCC 96-326, Guidelines for Evaluating the Environmental Effects of Radio-Frequency Radiation.

- FCC OET Bulletin 65 Edition 97-01 (1997) Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.

- ANSI/IEEE C95.1-1992, IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

- ANSI/IEEE C95.3-1992, IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields – RF and Microwave.
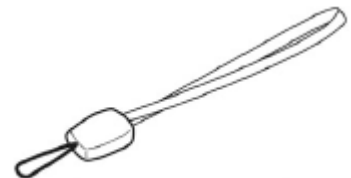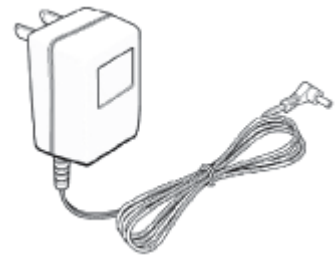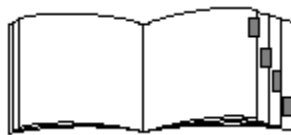
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Table of Contents

1. Before Using Your Phone

1.1 Package Contents

Please check the package contents by comparing them with the following list. In case there are missing items or product defects, please contact your local phone dealer.

- Main Unit (UTS 700-U) and Ni-MH battery
- Charger
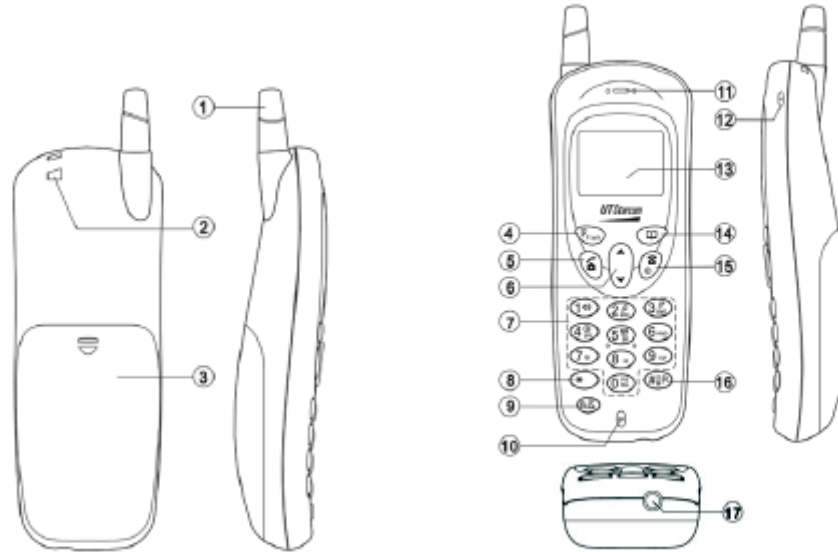- Hand strap
- Instruction manual
- After service guide

1.2 Phone Spec

Transmission power	Approximately 10mW on average
Battery	DC 3.6V Ni-MH battery, at least 500mAh
Size	118×44 ×27mm (L×W×H) (excluding antenna)
Weight	Approximately 110g (including battery pack)
Charger	Input: AC 220V±10%, 50Hz or 110VAC ±10%, 60Hz Output: DC 4V, 225mA(CC mode)/6.1V 30mA (CV mode) Power consumption: about 2W
Charging time	Approximately 3.5 hours
Continuous standby time	48~250 hours

Table 1-1: Phone Specification

☛   **Note:** The length of standby time the battery can supply power is determined by the telephone usage. The following actions or situations can consume more power and reduce the standby time.

- Migration to areas where signal strength is weak.

- Moving through the service area.

- Talking on the phone for long periods of time.

- Ringing volume is set to the maximum.

- Earpiece volume is set to the maximum.

- Leaving the phone in hot or cold places such as a car will reduce the capacity and life of the battery. A phone with a hot or cold battery may temporarily not work even when the battery is fully charged.

- Repeated changing of phone parameters. (i.e. Adding or deleting entries to/from the phonebook feature)

1.3   Handset Description

1. **Antenna**

    The antenna cannot to be extended. Any attempt to pull out the antenna may damage the handset and antenna.

2. **Strap eyelet**

3. **Battery cover**

4. F_{Flash} **Function/Enter Key:**

    This key is used to access and select functions.

5. **Send Key:**

    This key is used to make or receive a call.

6. **Scroll Key:**

    This key is used to scroll through the contents of the menu, phone book, and incoming and outgoing call logs.

7. $0^{PS}_{No.}$ ~ 9_{wxyz} **Keypad**

8. ＊ **Star Key**:

9. **Clear/IP Key:**

> This key clears digits or text from the display or memory (call logs, phonebook, etc) of the handset. This key is used to make IP calls or prohibit long distance calls

10. **Microphone**

11. **Earpieces**

12. **Ringer speaker**

13. **LCD Screen**

14. **Phone book Key:**

> This key is used to access the phone book function.

15. **End/Power Key:**

> This key is used to terminate a call or exit the current menu. This key is used to turn the handset on or off.

> ☛   **Note:** The default language of the handset is **Chinese** – Refer to "Selecting a Language" section 2.2 or 4.14 of the manual to change the option.

16. **# /Lock/Pause Key:**

> This key is used to enter **#** or a pause "**P**" symbol in a telephone number. This key locks the keypad to prevent keys from being accidentally pressed. When it is locked, the handset can only answer calls.

17. **Charging jack**

> ☛   **Note:** This is only a brief introduction of the keypad functions; details are depicted in latter part of the manual.

1.4   Display Indicators
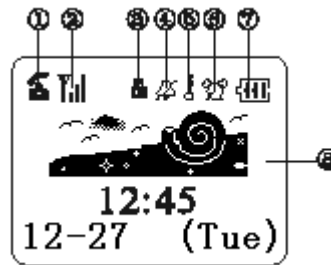
1. ![icon] **Service Indicator:**

   When a call is in progress, ![icon] is displayed to show off hook status. When the icon ![icon] is not shown on the display the handset is in standby mode.

2. ![icon] **Signal Strength:**

   Indicates the current signal strength. When the phone is in a service area lines are displayed to signify signal strength. More lines mean better signal strength. Signal strength is symbolize as follows:


3. ![icon] **Toll Call Lock**:

   Indicates the toll or long distance call lock is activated.

4. ![icon] **Mute Ringing Tone:**

   Indicates the handset ringer has been disabled.

5. ![icon] **Keypad Lock:**

   Indicates the keypad lock is activated.

6. ![icon] **Alarm:**

   Indicates the alarm is activated.

7. ![icon] **Battery:**

   Indicates the battery charge level status in 4 steps:
   ![icon] - Fully charged
   ![icon] - Half Full
   ![icon] - Low, not much power left
   ![icon] - Requires charging

8. **LCD Screen:**

   Displays the phone numbers and text that have been entered.

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1.5   Battery Installation

1.5.1 Battery Insertion

1. Remove the cover by sliding while pressing towards the base of the phone as illustrated.

2. Connect the cord of the battery by firmly inserting the connector until a click is heard. Check the orientation of the connector before inserting.

☛   **Note:** The battery cord is color-coded, the red line is positive (anode), the black line is negative (cathode) and the yellow line is a sensor output

3. Insert the battery into the compartment of the phone. Place the cord between the phone body and the battery.

Connector pin

black

red

yellow
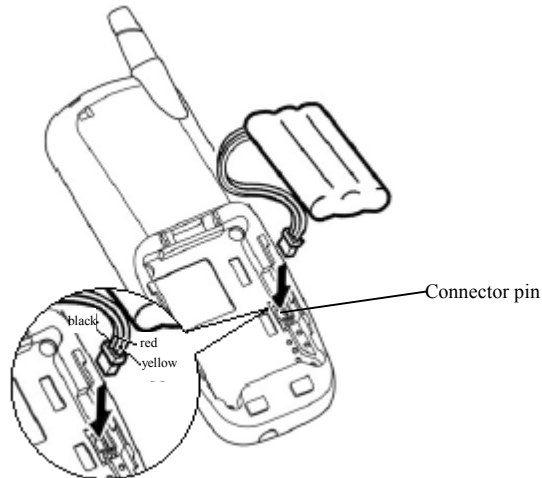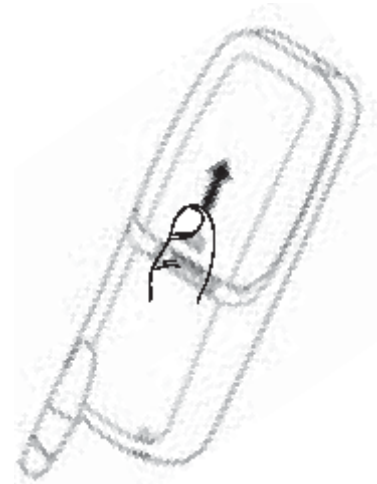
☛   **Note:** When installing the battery, make sure the connector of the battery cord is firmly inserted into the connector pin of the phone. Do not use excessive force when handling the battery cord.

4. Attach the battery cover. Fit the cover into the slots and slide towards the top of the phone until a click is heard. Do not pinch the battery cord with the cover.

5. Be sure to charge the battery for a minimum of four hours before first use.

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1.5.2 Battery Replacement

The battery can be charged and discharged hundreds of times but will eventually wear out. When the operating time (talk time and stand-by time) becomes obviously shorter than normal, it is time to replace the battery.

1. Turn off the phone by pressing and holding until the LCD is cleared of all texts and icons.

2. Remove the cover by sliding while pressing towards the base of the phone as illustrated.

3. Remove the battery. Disconnect the cord by firmly griping the connector and pulling gently as illustrated.
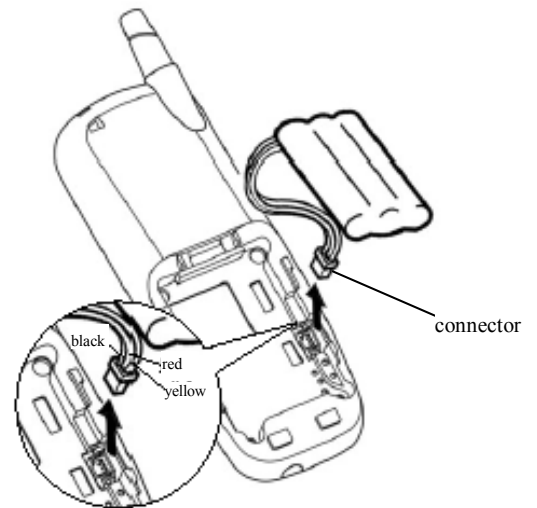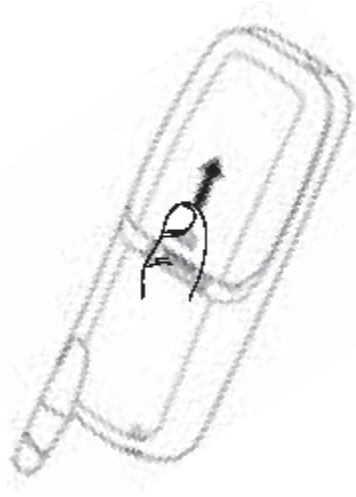
4. Connect the cord of the new battery by firmly inserting the connector until a click is heard. Check the orientation of the connector before inserting.

☛   **Note:** The battery cord is color-coded, the red line is positive (anode), the black line is negative (cathode) and the yellow line is a sensor output

5. Insert the new battery into the compartment of the phone. Place the cord between the phone body and the battery.

Connector pin

black

red

yellow
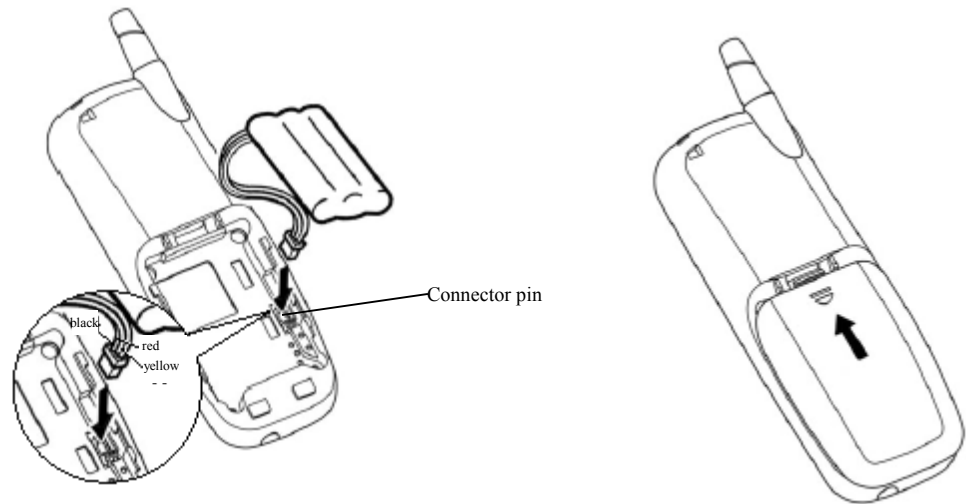
☛   **Note:** When installing the battery, make sure the connector of the battery cord is firmly inserted into the connector pin of the phone. Do not use excessive force when handling the battery cord.

6. Attach the battery cover. Fit the cover into the slots and slide in the direction of arrow until a click is heard. Do not pinch the battery cord with the cover.

7. Be sure to charge the new battery for a minimum of four hours before first use.

1.6   Battery Charging

1.   Connect the charger plug to the charging jack on the bottom of the handset.
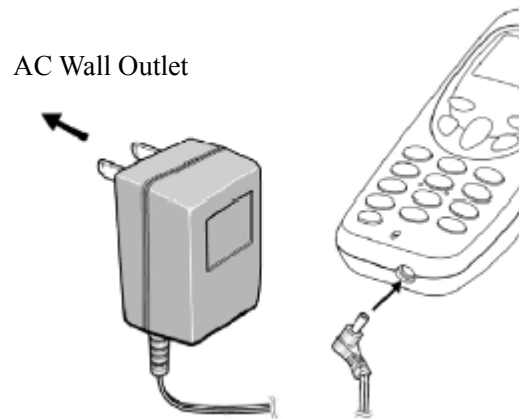
AC Wall Outlet

2.   Plug the charger into the (100V ~ 240V AC) wall outlet and the battery icon will start to flash.
3.   Battery is fully charged when the battery icon stops flashing.
   ▪   If the input voltage to the charger is not within the range of 100V ~ 240V AC ±10%, the battery icon on the LCD might flash even when charging is completed
4.   Disconnect the charger from the AC outlet and the phone.

☞   **Note:**
   ▪   Before using the phone for the first time, charge the battery for a minimum of four hours.

   ▪   When the LCD displays ▭ , the phone should be recharged.
   ▪   When the battery is running out of power and only 20 seconds of talk time remains, a warning tone ("bi-bi-") is heard and the battery icon flashes. When there is no more power in the battery the phone switches off automatically.
   ▪   When the power level of the battery reaches 3% of its capacity in standby mode, a warning tone ("bi-bi-bi-bi") is heard and the battery icon flashes.
   ▪   In order to maintain good operating times, fully discharge the battery from time to time by leaving the phone switched on until it turns itself off.
   ▪   The phone can be used to make and receive calls while charging if the phone is on.

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1.7   Attaching the Hand Strap

Fasten the hand strap as shown in the figures below.
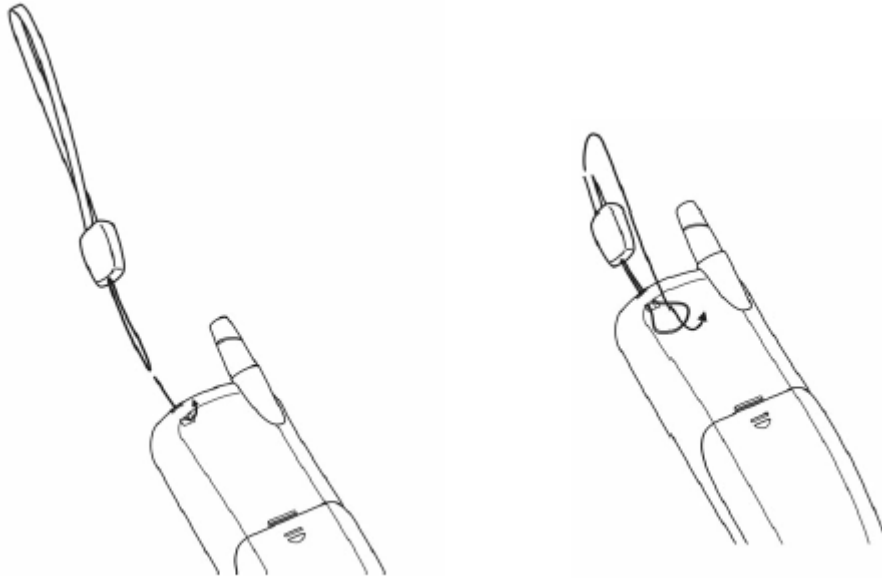
2. Basic Operations

2.1   Turning the Phone On and Off

2.1.1 Turning the Phone ON

- Press ⬡ and hold (minimum of two seconds) until the LCD backlight turns on.

- When the battery power is too low, a warning tone ("bi-bi-bi") is heard and the phone switches itself off.

2.1.2 Turning the Phone Off

- Press ⬡ and hold until the LCD is cleared of all texts and icons.

- The phone keypad is locked if 🔑 icon is displayed on the screen. When the 🔑 icon is displayed, press (#♪P) to unlock the phone keypad.

2.2   Selecting a Language

This function allows you to select which language the phone will use to display all its texts. The default language is **Chinese**.

1. Press (F_{Flash}) and then (#♪P) to display the current language on the LCD of the phone.

2. Press (F_{Flash}) to enter the edit mode. The current language will flash on the LCD of the phone.

3. To select English or Chinese, press the search ⬆ or ⬇ key.

4. To save the language setting, press the (F_{Flash}) key. The phone sounds a beep and the new setting is displayed.

5. To exit and return to standby mode press ⊙ .

   ▪ If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode

2.3 Making Calls

Before dialing a telephone number, make sure the signal strength is sufficient. The signal strength icon on the LCD of the phone should be at least ▯.

1. Dial a phone number.

   ▪ To correct misdialed digits use one of the following methods. Press ⊙ to delete the last digit dialed. Press and hold down ⊙ for two seconds to delete all dialed digits.

2. Press ⊙ to send dialed digits.

   ▪ The phone number will scroll from right to left across the LCD display indicating that the number has been sent out to the network.

   ▪ The LCD on the phone will display a call timer if the call is successfully completed.

   ▪ When making a long distance call and the Toll Call lock has been activated, the LCD will display "**Toll Call Locked**". Refer to the section "**Canceling the Toll Call Lock**" to release.

3. To end a call or cancel the call attempt, press ⊙ . The LCD on the phone will first display the call duration and then the date and time.

☞ **Note:**

   • The call timer is for reference only and should not be used in calculating the cost of a call.

   • When a phone moves to an area with inadequate signal strength a warning tone is generated by the handset if the "out of service area alarm" has been activated.

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2.3.1 Making IP Calls

Prior to making an IP, 200, or 300 calls using the ⏏ key, make sure the correct number and password have been entered into the memory of the phone.

1. Input the service number, e.g. 17908. Dial the service number, e.g. 17980

2. Select the appropriate language. When you are asked to enter the IP card number and password press the ⏏ key. The phone will automatically send the IP card number and password stored in memory. The numbers will scroll from right to left across the LCD display as shown above.

3. If the call is successfully completed, follow the instructions from your service provider.

4. To end a call or cancel the call attempt, press ☎ .

☞ **Note:**

- The IP card number and password must be entered into the phone prior to using the ⏏ key.

- To set the IP card number and password - Refer to "Entering an IP number and Password."

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2.3.2 "Pause" Function

This function allows you to add a stop or break between the digits of a phone number when the phone dials it.

1. Dial the first part of the phone number. Press and hold down ⬭#↓P for 2 seconds, the pause symbol "**P**" will be displayed on the screen.

2. Dial the second part of the phone number.

3. Press 🔓 to send out the first part of the phone number to the network. Wait for the call to be answered then press 🔓 to send the second part of the phone number.

☛   **Note:**

▪ Pause "**P**" cannot be the first characters of a dialing string (phone number).

▪ Using Pause more than once increases the length of delay between the numbers. The number following the second pause "**P**" will be automatically dialed.

▪ Two or more pauses may be required to access a long distance service or other network equipment.

▪ The Pause function is not available on all terminals.

2.4 Answering Calls

1. When a call is being received, the phone rings.

   ▪ If you subscribe to a Caller ID service, the calling party information will be displayed after the second ring.

   ▪ If the calling party has blocked the calling information from being sent, "**CALL**" will be displayed on the screen.

2. Press [green phone icon] to answer the call.

   ▪ The phone will display a call timer in the lower right hand corner of the screen.

3. To end a call, press [red phone icon] on the handset.

2.4.1 Missed call

If there is a missed call, "**Missed Call:**" will be displayed on the screen. Press any key to clear the display on the phone. To check who called press the search [up arrow icon] key to enter the Caller list.

☛   **Note:**

   ▪ If the caller's calling information has been entered into the Phone book, their name and phone number is displayed.

   ▪ Pressing [red phone icon] when the phone rings will mute the ringer.

   ▪ When the keypad is locked, calls can be answered by pressing [green phone icon].

2.5   Viewing the Last Number Dialed list

The last ten phone numbers (maximum of 24 digits each) dialed on the phone are stored in memory. You can search the last number dialed list for a phone number to be redialed by following the steps below.

2.5.1 Using the Last Number Dialed List to Make a Call

1. Press ⌄ or 🔓 to enter the last number dialed list.

    - "Called 1" and the last phone number dialed are displayed as shown below.

    - If the screen does not change, the last number dialed list is empty.

2. To scroll between the phone numbers, press the search ⌄ or ⌃ key.

    - Called 1 designates the most recent or last phone number dialed; Called 2 designates a phone number dialed prior to Called 1, etc.

    - To search from the most recent dialed phone number, press search. ⌄

    - To search from the oldest dialed phone number, press search ⌃.

    - The phone will automatically display the length of the call at 1-second intervals or when the F_{Flash} key is pressed.

    - The phone number can be entered into the phonebook by pressing 📖 key. See the section "Storing Names and Phone Numbers" for details.

3. Press 🔓 to dial the displayed phone number.

2.5.2 To Erased a Stored Number

1. Press ⌄ or 🔓 to enter the last number dialed list

2. Press ⌄ or ⌃ to find the phone number you want to erase from the last number dialed list.

3. Press ⬮ to select the phone number to be erased. The options **NO**-0 or **YES**-1 are displayed in the screen.

4. Press ⬮ or ⬇ to delete the phone number. The phone erases the information, sounds a beep and returns to stand-by mode.

    ▪ Press ⬮ or ⬆ to cancel operation. To return to stand-by mode, press ⬮ .

☛   **Note:**

    ▪ If a phone number is dialed more than one time, the phone number is entered only once into the last number dialed list.

    ▪ The last number dialed list can store a maximum of 10 phone numbers. When the 11th phone number is dialed the oldest phone number is deleted.

2.6 Viewing the Caller List

The last ten phone numbers (maximum of 24 digits each) received by the phone are stored in memory. To check who has called follow the steps below.

2.6.1 Using the Caller List to make a call

1. Press ⌃ to enter the caller list.

   - "Incoming 1" and the last phone number received are displayed as shown below.
   - If the LCD display does not change, the caller list is empty.

2. To scroll between the phone numbers, press search ⌄ or ⌃.

   - Incoming 1 designates the most recent or last phone number received; Incoming 2 designates a phone number received prior to Incoming 1, etc.
   - If the off-hook 🖥 icon is displayed the call is not a missed call.
   - To search from the most recently received phone number, press search ⌄.
   - To search from the oldest received phone number, press search ⌃.
   - If you do not subscribe to a Caller ID service, the calling party information will be displayed as "---" on the LCD of the phone.
   - . The phone number can be entered into the phonebook by pressing 📖 key. See the section "Storing Names and Phone Numbers" for details.

3. Press 📞 to dial the displayed phone number.

2.6.2 To Erase a Stored Number

1. Press ⌃ to enter the last number dialed list

2. Press ⌃ or ⌄ to find the phone number you want to erase from the Caller list.

3. Press 🔒 IP CLR to select the phone number to be erased. The options **NO**-0 or **YES**-1 are displayed in the screen.

4. Press 1 ◁)) or ⌄ to delete the phone number. The phone erases the information, sounds a beep and returns to stand-by mode.

   - Press 0 PS No. or ⌃ to cancel operation. To return to stand-by mode, press ☎⓪ .

☛   **Note:**

   - You must subscribe to a Caller ID service for the calling party information to be entered into the Caller list.

   - If calling party has blocked the calling information from being sent, the caller's phone number will not entered into the Caller list.

   - If the same caller calls more than one time, the caller's phone number is entered only once into the Caller list.

   - The Caller list can store a maximum of 10 phone numbers. When the 11th phone number is received the oldest phone number is deleted.

2.7   Call Waiting (Network Service)

If you hear a call-waiting tone while talking on the phone use the procedure described below:

1. Press ⬢ F Flash to put the first call on hold and answer the second call.

2. To return to the first caller, press ⬢ F Flash again.

☛   **Note:** The above description is for reference only. If this function does not operate properly, consult with your service provider for details.

2.8   Adjusting the Earpiece Volume

You can adjust the earpiece volume of the phone while on a call.

1. Press ⏶ or ⏷ while talking to display the current earpiece volume.

2. Press ⏷ to increase and ⏶ to decrease the volume.

3. To exit and return to call timer mode press 📞 or wait 3 seconds.

☛   **Note:** There are 4 volume levels.
1: Low
2: Medium
3: High
4: Higher

2.9   Keypad Lock

The keypad lock prevents the keys from being accidentally pressed when; for example, the phone is in your pocket or handbag.

1. To lock the keypad, press #⌗P and hold for a minimum of two seconds. When the keypad is locked, the 🔑 icon appears on the LCD of the phone.

2. To unlock the keypad, press #⌗P and hold for a minimum of two seconds. When the keypad is unlocked the 🔑 icon disappears from the LCD of the phone

☛   **Note:** When the keypad is locked you can:

- Answer a call by pressing 📞.

- Turn on the backlight by pressing ☎.

- Mute the phone's ringer by pressing ☎.

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3. Phone book

You can store phone numbers and associated names in the memory of your 700U (C) phone by using the Phone book function.

The phone can store up to 20-phone numbers of up to 24 digits and names of up to 9 characters in length.

3.1 How to Enter Letters and Characters Using the Keypad

As shown in the table below, more than one character (letters and a number) is assigned to each key of the keypad. The available character set depends on whether a phone number or name is being entered into handset. Only the characters (0-9, *, # and P pause) are available for a phone number whereas the letters (A, B, C, etc) and the numbers can be used for a name.

To select characters for a name that you wish to enter press the key until the character appears in the display. When the desired character is displayed, press the ⌄ to move the cursor to the right or press another key to enter the next character.

Key	Displayed Character /Function
1 ◁))	1
2 abc	A B C a b c 2
3 def	D E F d e f 3
4 ghi	G H I g h i 4
5 jkl	J K L j k l 5
6 mno	M N O m n o 6
7 pqrs	P Q R S p q r s 7
8 tuv	T U V t u v 8
9 wxyz	W X Y Z w x y z 9
0 PS No.	0
#♪P	#(press #♪P for #) P (press and hold #♪P)
*	*

Key	Displayed Character /Function
▲	Moves the cursor to the left
▼	Moves the cursor to the right
IP CLR	Press to delete the last character entered. Press and hold to delete all characters

3.2   Storing Names and Phone Numbers

You can store up to 20 frequently used phone numbers in the memory of the handset.

1. Press 📖 to display the phone book menu screen on the LCD of the phone.

2. Press ▼ or 2abc to select **Add Entry.** Enter the phone number you want to store.

3. Press F Flash to select **Name.** Enter the person's name (up to nine letters or numbers) as shown below or leave blank if desire.

4. Press F Flash to select a memory location in the phone. The first available empty memory location number is displayed. To select a different memory location press ▼ or ▲.

   - If there are no empty memory locations, the LCD display flashes the phone number store at the first memory location. Select a memory location to overwrite if desired.
   - If the LCD display flashes two phone numbers (new vs. stored) after you select a memory location it means there is already a number stored in that location. Press F Flash to delete the previous stored number and store the new one or select another memory location.
   - Memory locations one to twenty can be selected directly by entering the two-digit code (01 to 20) on the keypad.

5. To save the phone number and name in memory and return to standby mode press F Flash .

☛ **Note:**
   - The phone number can include pause symbol.
   - The phone book information can be changed, deleted or lost if the following occurs:
     - ◆ Discharge of static electricity or electrical noise strikes the phone.
     - ◆ The phone is brought to the service center for repair.
     - ◆ Fully discharged battery attached to the phone for an extended

period (approx. one month).
◆ No battery installed in the phone for an extended period (approx. month).

▪ You can also press to view the phone book during a call. Press or to search.

3.3 Making a Call Using a Stored Phone Number

1. Press ⬚ to display the phone book menu screen on the LCD of the phone.

2. Press ① or ⬆ to select **List Entry.** The first phone number in the phone book is displayed on the LCD of the phone.

3. Enter the first letter of the name you want to find. A name that begins with the letter entered and the telephone number is displayed. If the desired name is not displayed press ⬇ or ⬆ to search through the phone book. If the phone book does not contain any names that begin with that letter, only the letter is displayed.

4. To manually search for the desired name and phone number press ⬇ or ⬆ to scroll through the phone book.

5. Press ⬚ to dial the phone number displayed on the LCD of the phone.

☞ **Note:**

- If there are no records in the phone book, the LCD will display "**No Entry**".

3.4   Speed Dialing with One Key

The phone book entries 1 thru 9 are automatically assigned as speed dial numbers that can be dialed via the number keys (1) ~ (9wxyz) .

1. Press the number key (1) ~ (9wxyz) and hold for more than one second. The number of the key will be displayed on the screen first and 2 seconds later the entry in the phone book will be displayed

2. Press ⌕ to dial the phone number displayed on the LCD of the phone.

Note:
- ▪ If the entry in the phone book includes a name, the name will be displayed in front of the telephone number.
- ▪ If there is no corresponding entry in the phone book, the key will function normally.

3.5   Deleting an Entry from the Phone Book

1. Press ▱ to display the phone book menu screen on the LCD of the phone.

2. Press ①◀)) or ⌃ to display the first phone number on the LCD of the phone.

3. Enter the first letter of the name you want to find. A name that begins with the letter entered and the telephone number is displayed. If the desired name is not displayed press ▼ or ⌃ to search through the phone book. If phone book does not contain any names that begin with that letter, only the letter is displayed.

4. To manually search for the desired name and phone number press ▼ or ⌃ to scroll through the phone book.

5. Press 🔒 IP CLR to display the delete menu screen on the LCD of the phone.

6. Press ①◀)) (**Yes**) to delete the selected phone number or ⓪ PS No. (**No**) to cancel. The phone sounds a beep if the phone number is deleted.

7. To exit and return to standby mode press ☎ .

3.6 Modify Record in Phone Book

1. Press 📖 to display the phone book menu screen on the LCD of the phone.

2. Press ▼ or ②abc to select **Add Entry.** Enter a phone number you want to store.

3. Press (F Flash) to select **Name.** Enter the person's name (up to nine letters or numbers) as shown below or leave blank if desire.

4. Press (F Flash) to select a memory location in the phone. The first available empty memory location number is displayed. Search for the memory location to be modified by pressing ▼ or ▲.

5. The LCD display flashes two phone numbers (new vs. stored) after you select a memory location to be modified.

6. Press (F Flash) to delete the previous stored number and store the new one. The phone sounds a beep and returns to standby mode.

7. To cancel press 🔴 to return to the phone book menu screen.

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4. Other Essential Functions

4.1   Table of Essential Functions

Short Cut Keys	Function	Default setting
F(Flash) 0(PS No.)	Own phone number display	———
F(Flash) 1(◁))	Selecting a Ringing volume	2 (HIGH)
F(Flash) 2(abc)	Selecting a Ringing -tone	01 (Ring1)
F(Flash) 3(def)	Selecting a Keypad volume	1(LOW)
F(Flash) 4(ghi)	Setting the Date and time	2001-01-01 00:00
F(Flash) 5(jkl)	Setting the Alarm	OFF
F(Flash) 6(mno)	Entering an IP card number and password.	———
F(Flash) 7(pqrs)	Caller number notification (caller ID) setting	ON
F(Flash) 8(tuv)	Setting the Handover warning	OFF
F(Flash) 9(wxyz)	Setting the Out of service area alarm	OFF
F(Flash) (IP CLR)	Setting the Long Distance Call Lock Password	1234
F(Flash) ✳	Setting the screen contrast	5
F(Flash) #↓P	Selecting a Language	Chinese
———	Animation	Cartoon 1
———	Scheme	Cartoon 1

- To exit a function without changing the setting and return to stand-by mode press ☎ on the phone.
- If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode without changing any function setting.

- To scroll between the functions, press the search ▲ or ▼ key.

4.2   Own Phone Number Display

This function allows you to the display your telephone number.

1. Press ⬭F_{Flash} and then ⬭0 PS No. to display the telephone number on the LCD of the phone.

2. To exit and return to standby mode press ⬭.

   ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

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4.3   Selecting a Ringing Volume

A ringing tone is heard when there is an incoming call. This function allows you to select one of the three ringing volume levels (0- OFF, 1 - LOW and 2 - HIGH) that are available. The default volume level setting is 2 – HIGH.

1. Press F_Flash and then 1◁ to display the current ringing volume on the LCD of the phone.

2. Press F_Flash to enter the edit mode. The volume level number will flash on the LCD of the phone.

3. To scroll between the volume levels, press the search ▲ or ▼ key. You can also change the volume level by pressing the keys 0, 1 or 2 on the dial pad.

    ▪ When changing volume levels, the phone automatically rings.

4. To save the volume level, press the F_Flash key. The phone sounds a beep and the new volume level is displayed.

5. To exit and return to standby mode press .

    ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

☛   **Note:**

▪ If you press or do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

▪ When the ringing volume is set to silent (0), the backlight of the displays flashes to alert you to a call.

▪ When the ring-tone volume is set to silent (0), the icon appears on the screen.

4.4 Selecting a Ringing Tone

A ringing tone is heard when there is an incoming call. This function allows you to select one of the six different types (01 to 06) of ringing tones or one of the eighteen different (07 to 24) melodies. The default ringing tone setting is 1.

1. Press (F Flash) and then (2 abc) to display the current ringing tone on the LCD of the phone.

2. Press (F Flash) to enter the edit mode. The ringing tone number will flash on the LCD of the phone.

3. To scroll between the ringing tone types, press the search (▲) or (▼) key. You can also change the ringing tone type by pressing the two-digit code (01 to 24) on the dial pad.

    ▪ When changing the ringing tone types, the phone automatically rings.

4. To save the ringing tone, press the (F Flash) key. The phone sounds a beep and the new ringing tone is displayed

5. To exit and return to standby mode press (☎ 0) .

    ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

☞ **Note:**

    ▪ In step #3, only a two-digit code (01 to 24) can be pressed to select a ringing tone type.

    ▪ In step #3, if you do not press any key for 30 seconds the phone automatically returns to stand-by mode.

4.5   Selecting a Keypad Tone

A tone is heard each time a key is pressed. This function allows you to select one of the three Keypad tone levels (0- Off, 1 - Low and 2 - High) that are available. The default volume level setting is 1 – Low.

1. Press (F_{Flash}) and then (3_{def}) to display the current ringing volume on the LCD of the phone.

2. Press (F_{Flash}) to enter the edit mode. The volume level number will flash on the LCD of the phone

3. To scroll between the volume levels, press the search (▲) or (▼) key. You can also change the keypad level by pressing the keys 0, 1 or 2 on the dial pad.

4. To save the volume level, press the (F_{Flash}) key. The phone sounds a beep and the new volume level is displayed.

5. To exit and return to standby mode press (☎).

   ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

☞   **Note:** In step #1, if you press (☎) or do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

4.6 Setting the Date and Time

The phone has a real time clock that displays the data and time on the LCD. This function allows you to set the clock for a specific date and time.

- The date can be set from 2000-1-1 to 2099-12-31.

- The clock uses the 24-hour format and cannot be changed to a 12-hour format.

1. Press [F Flash] and then [4 ghi] to display the date and time on the LCD of the phone.

2. Press [F Flash] to enter the edit mode, the first digit of the year will flash on the LCD of the phone.

3. To move the cursor between the fields, press the search [▲] or [▼] key. To change the value of a field press a valid numeric key on the dial pad.

4. To save the date and time setting, press the [F Flash] key. The phone sounds a beep and the new setting is displayed

5. To exit and return to standby mode press [☎] .

☛ **Note:**

- If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode.

- The cursor automatically moves to the next field when a valid entry has been made.

- You will need to set the date and time again if the phone's battery has been removed.

4.7   Setting the Alarm Clock

This function allows you to set the alarm clock built into the phone for a specific time. You can set the alarm time or select ON to change the alarm time or OFF to turn off the alarm. The alarm uses the 24 hours format to set the alarm. The alarm provides a 30 second burst of tone when the timer expires to alert you. The volume of the alerting tone is factory set and cannot be changed.

1. Press (F Flash) and then (5 jkl) to display the current alarm status (on/off) on the LCD of the phone. If the alarm has been set the LCD will display the current alarm settings.

2. Press (F Flash) to change the status of the alarm. The options **OFF-0** or **ON-1** are displayed in the LCD of the phone.

3. Press (0 PS No.) or (1) to turn the alarm **OFF** or **ON**.

   ▪ If the alarm is turned **OFF**, the phone sounds a beep. To exit and return to stand-by mode press ( ) on the phone.

   ▪ If the alarm is turned **ON**, the hour digit of the clock will flash on the LCD of the phone. To move the cursor between the fields, press the search (▲) or (▼) key. To change the value of a field press a valid numeric key on the dial pad.

   To scroll between the ringing tone types, press the search (▲) or (▼) key. When changing the ringing tone types, the phone automatically rings

4. To save the alarm setting, press the (F Flash) key. The phone sounds a beep and the new alarm setting is displayed.

5. To exit and return to standby mode press ( ) .

   ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

☛   **Note:**

   ▪ The default alarm setting is "**OFF**".

   ▪ If the alarm has been turned ON, the alarm icon is displayed on the LCD of the phone.

4.7.1 When the alarm sounds

1. When the timer expires, the alert tone will sound for up to 30 seconds and the alarm icon will flash on the LCD on the phone.

2. Press any key to stop the alarm.

☛   **Note:**

- If the handset is off-hook and the timer expires the alarm will not sound until 10 to 30 seconds after the handset has been on-hook

- If you are changing phone settings and the timer expires the alarm will sound. Pressing any key on the handset will stop the alarm.

- The alarm will not sound when the timer expires if the ringing mode has been set to **off.**

4.8   Entering an IP Card Number and Password

This function allows you to enter an IP/200/300 card number and password in the memory of the phone, which can be dialed via the (🔒 IP CLR) key

1. Press (F_Flash) and then (6 mno) to display the current IP card number and password on the LCD of the phone.

2. Press (F_Flash) to enter the edit mode. If no IP card number and password have been entered then "**Enter IP**" will be displayed on the LCD.

3. Press key (0 PS No.) to (9 wxyz) on the dial pad to enter the IP card number and Password (Maximum of 24 digits).

    ▪ To delete digits use one of the following methods. Press (🔒 IP CLR) to delete the last digit. Press and hold down (🔒 IP CLR) for two seconds to delete all displayed digits

    ▪ To cancel and exit, press (📞⓪) to return to the previous screen.

4. To save the IP card number and password, press the (F_Flash) key. The phone sounds a beep and the new IP card number and password is displayed.

5. To exit and return to standby mode press (📞⓪) .

☞   **Note:**

    ▪ The settings of IP card number and password may be different due to different service terminals. Therefore, the card number and password must be set accordingly.

    ▪ If **#** is needed by the service network, press (#↓P) to input.

4.9   Restricting your calling information (phone number)

This function allows you to select whether your phone number is hidden or displayed to the person you are calling. Support is required from your local service provider for this function to operate. Any individuals whom you call that subscribe to a Caller ID service and have a compatible phone will be notified of your phone number since the default setting is **ON**.

1. Press 🔘 and then 🔘 to display the caller number status on the LCD of the phone.

2. Press 🔘 to change the status of the caller number; the options **ON-1** or **OFF-0** are displayed in the LCD of the phone.

3. Press 🔘 or 🔘 to turn the caller number **ON** or **OFF**.

   ▪ The phone sounds a beep and the new setting is displayed.

4. To exit and return to standby mode press 🔘 .

   ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

Caller ID Notification Setting
🔘 : OFF (no notification)
🔘 : ON (notification)

4.10 Setting the Handover Tone

A handover is the process of transferring a call from one cell station to another as the handset moves through the service area. The handover tone indicates that the handset is searching for a cell station with a stronger radio signal in the service area to maintain the communication link. If the handover is performed, there will be no difference in the quality of the call, since the link is maintained.

However, if the handover fails the quality of the call may degrade, as the radio signal grows weaker. The handover tone provides an early alert to the possibility of a service interruption during a conversation.

This function allows you to select whether an alerting tone is heard in the earpiece of the handset when handover occurs during your phone conversation. The default setting is "**OFF**".

1. Press (F Flash) and then (8 tuv) to display the handover status on the LCD of the phone.

2. Press (F Flash) to change the status of the handover tone; the options **ON-1** or **OFF-0** are displayed in the LCD of the phone.

3. Press (1) or (0 PS No.) to turn the handover tone **ON** or **OFF**.

   ▪ The phone sounds a beep and the new setting is displayed.

4. To exit and return to standby mode press (☎ ⓪) .

   ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

Handover Tone Setting
(0 PS No.) :OFF (handover tone off)
(1 ◁)) :ON (handover tone on)

4.11 Out of Service Area Alarm

The Out of Service Area Alarm indicates that the handset is moving out of radio coverage or cannot find a cell station with sufficient radio signal to maintain the communication link.

This function allows you to select whether an alerting tone is heard in the earpiece of the handset during your phone conversation prior to the communication link being dropped. The default setting is "OFF".

1. Press (F Flash) and then (9 wxyz) to display the out of service area alarm status on the LCD of the phone.

2. Press (F Flash) to change the status of the out of service area alarm, the options ON-1 or OFF-0 are displayed in the LCD as shown in figure below.

3. Press (1 ◁)) or (0 PS No.) to turn the out of service area tone **ON** or **OFF**.

   ▪ The phone sounds a beep and the new setting is displayed.

4. To exit and return to standby mode press (☎ 0) .

   ▪ If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode.

Out of Service Area Alarm Setting
(0 PS No.) :OFF (out of service area alarm off)
(1 ◁)) :ON (out of service area alarm on)

4.12 Toll Call Lock and Password

This function prevents any person from using your phone without permission to make toll or long distance phone call. The Toll Call Lock stops the dialing of any phone number that begins with the digits "0+" or "00+" only. If an attempt is made to call a long distance call number beginning with the digit "0+" or "00+" and the Toll Call lock has been activated, the LCD will display "**Toll Call Locked**". Toll or long distance phone numbers that do not begin with the "0+" or "00+" are permitted and not blocked.

When the lock is activated, the handset can be used to dial and answer local calls or use any of the other functions.

4.12.1   Restricting Access

1. To restrict long distance calling, press and hold for a minimum of two seconds. When the toll call lock is activated, the icon appears on the LCD of the phone.

4.12.2   Canceling the Toll Call Lock

1. To cancel the toll call lock, press and hold for a minimum of two seconds until "**Unlock Toll Call Password**" appears on the LCD of the phone.

2. Enter the four-digit password.

   ▪ The default password is 1-2-3-4.

3. If the correct password has been entered, the phone will beep, the icon disappears from the LCD and the phone will return to standby mode.

   ▪ If you do not press any keys for 15 seconds the phone automatically returns to stand-by mode.

4.12.3   Changing the Password

The function allows you to change the 4-digit password for the long distance call lock.

1. Press and then to display the change password screen on the LCD of the phone.

2. Press and then enter the current 4-digit password (default password is 1-2-3-4).

3. Enter a new 4-digit password.

4. Press to confirm the new password

5. Re-enter the new 4-digit password.

6. Press to confirm the new password. The phone will beep if the password has been successfully changed.

7. To exit and return to standby mode press .

    ▪ If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode.

4.13 Setting the Display Contrast

You can select one of the nine different levels (1 to 9) of contrasts for the LCD of the phone.

1. Press (F Flash) and then (✱) to display the current contrast setting on the LCD of the phone.

2. Press (F Flash) to enter the edit mode. The current contrast setting will flash on the LCD of the phone.

3. To scroll between the current contrast settings, press the search (▲) or (▼) key. You can also change the contrast setting by pressing a digit (1 to 9) on the dial pad.

4. To save the current contrast setting, press the (F Flash) key. The phone sounds a beep and the new current contrast setting is displayed.

5. To exit and return to standby mode press (☎ ◍) .

   ▪ If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode.

4.14 Selecting a Language

This function allows you to select which language the phone will use to display all its texts. The default language is Chinese.

1. Press and then to display the current language on the LCD of the phone.

2. Press to enter the edit mode. The current language will flash on the LCD of the phone.

3. To select English or Chinese, press the search or key.

4. To save the language setting, press the key. The phone sounds a beep and the new setting is displayed.

5. To exit and return to standby mode press .

    ▪   If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode

4.15 Animation

You can select one of four different cartoons to be displayed when power is turned on or off on the LCD of the phone.

1. Press ⬭ to display the function menu screen on the LCD of the phone.

2. Press ⬇ or ⬆ to select **Animation** from the menu.

3. Press ⬭ to enter the edit mode, the animation number will flash on the LCD of the phone.

4. To scroll between the animation images, press the search ⬆ or ⬇ key. You can also change the animation image by pressing a digit (1 to 4) on the dial pad.

5. To save the animation image setting, press the ⬭ key. The phone sounds a beep and the new setting is displayed.

6. To exit and return to standby mode press ⬭ .

   ▪ If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode.

4.16 Scheme (Background Image)

You can select one of six different background images to be displayed on the LCD of the phone.

1. Press F_{Flash} to display the function menu screen on the LCD of the phone.

2. Press ▼ or ▲ to select **Scheme** from the menu.

3. Press F_{Flash} to enter the edit mode, the scheme number will flash on the LCD of the phone.

4. To scroll between the background images, press the search ▲ or ▼ key. You can also change the background image by pressing a digit (1 to 6) on the dial pad.

5. To save the background image setting, press the F_{Flash} key. The phone sounds a beep and the new setting is displayed.

6. To exit and return to standby mode press ☎ .

   ▪ If you do not press any keys for 15 seconds, the phone automatically returns to stand-by mode.

5. Maintenance & Troubleshooting

5.1 Phone Maintenance

- Use a soft dry cloth for cleaning to wipe off any accumulated dust or fingerprints.
- Use a soft cloth dampened with water for cleaning to wipe off any heavily accumulated dust and dirt.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone.
- Do not submerge the phone or charger in water or any liquid to clean.
- Wipe off any liquids should the phone or charger become wet.

5.2 Troubleshooting

- Before requesting help please check the following.

Symptom	Diagnosis	Solution
The Unit does not work	Unit properly turned on?	Press and hold for 2 seconds.
	Battery connected?	Install the battery properly
	Dead Battery?	Connect the charger to the Phone. Plug in the charger.
Cannot make calls.	Sufficient Signal Strength?	Move to a place with stronger signal.
	Is the pause symbol "P" input among the number by error?	Input the correct number to place the call.
No ringing.	Ringer Muted?	Un-mute Ringer
	Low Ringer Volume?	Increase Volume level.
The call reception is bad (Static, sound cuts in/out, fades etc.)	IS there any obstacle around you that is preventing the radio signal from reaching the phone?	Change your location.
	Using the phone in moving vehicle?	Slow down vehicle or stop while using the phone.
Cannot charge the battery (battery icon does not flash)	Is the Phone connected to Charger?	Connect phone to charger.
	Is the charger plug into the wall outlet?	Plug the charger into a wall outlet.

If the malfunction is not listed in this table, or the corresponding solution is not effective, please contact the UTStarcom PAS Customer Service Center.

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