UTS700X

Personal Station

Owner's Manual

UTStarcom

Before You Use Your Phone

- This phone uses radio waves. Your call may be cut off if you are in a location that cannot be reached by radio waves. Even when you are inside a service area, your call may be still cut off if you are in a place that cannot be reached by radio waves (close to a building wall, a metal door or electrical appliances).
- In public places, in crowded or in quiet venues, use your phone with consideration for the people around you so as not to cause offence.
- Because your phone uses digital signals, it has excellent privacy characteristics. However, your phone communicates via radio waves and you need to be aware that it may still be possible for a third party to intercept your calls.

Precautions

- Read these precautions carefully before you use your phone to ensure that you use the phone safely and correctly.
- The precautions listed here are intended to prevent injury to the phone user and to others, and to prevent unintended damage to property.

■ The designations below indicate the severity of the injury or damage that may be incurred if the designated precautions are not followed and the product is used incorrectly.

⚠ **DANGER**	Indicates that, if this warning is ignored, improper handling of the product is likely to result in death or serious injury.
⚠ **WARNING**	Indicates that, if this warning is ignored, improper handling of the product could result in death or serious injury.
⚠ **CAUTION**	Indicates that, if this warning is ignored, improper handling of the product could result in personal injury or material damage.

■ The icons shown below are used to indicate instructions that should be observed.

Prohibited	Circular icons with a diagonal bar notify the user that the action indicated is prohibited.	Do not disassemble	This icon indicates that the device must not be disassembled.
Essential	Filled circles notify the user of an action that must be performed.	Unplug	This icon indicates that the device must be unplugged from the power socket.

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General Precautions When Using the Phone, Battery and AC adapter

⚠ DANGER

Only use the battery and AC adapter specified by our brand for use with this phone. The use of a battery or AC adapter other than that specified could result in the battery leaking fluids, overheating, bursting or igniting.	Essential

⚠ WARNING

Do not subject this product to strong shocks or vibrations or throw it around, as this could result in the battery leaking fluids, overheating, bursting or igniting, and could damage the phone and cause faults or a fire.	Prohibited
Do not place the battery, the phone itself or the AC adapter in a microwave oven or pressure cooker, as this could result in the battery leaking fluids, overheating, bursting or igniting, or could cause the phone or AC adapter to overheat, emit smoke, or ignite, or could damage the circuitry inside the device.	
Do not use this product in places where there are inflammable gases, as this could cause the gases to ignite or result in device damage, faults or a fire.	

⚠ CAUTION

Do not store this product in a very damp, dusty or hot location, as this could result in faulty operation.	Prohibited
Store this product out of the reach of small children, as it could cause injury if used as a toy.	Essential
Do not leave this product on an unstable or sloping surface, as it could fall and be damaged or cause injury.	Prohibited

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Precautions When Using the Mobile Phone

⚠ WARNING

Do not use your mobile phone while driving, as this is dangerous and could cause a traffic accident. Pull over and park in a safe place before using the phone.	Prohibited
Switch off the phone when you are in places where the use of mobile phones is prohibited, such as in an aircraft or hospital. Mobile phones can adversely affect the operation of electronic instrumentation and medical equipment. For information on using your phone in a medical facility, refer to the directives provided by the facility itself.	Essential
Do not use your mobile phone around electronic devices that use very weak signals or require very precise control. Radio wave interference can cause malfunctions or other problems in electronic devices. Examples of affected devices: Hearing aids, pacemakers and other electronic medical aids, fire alarms, self-opening doors and other automatic control devices, etc. For more information on the effects of mobile phones on pacemakers and other electronic medical aids, check with the device manufacturer or supplier.	Prohibited
Do not attempt to disassemble or modify your mobile phone as this could cause injury or electric shock and could damage the phone.	Do not disassemble

⚠ CAUTION

When the phone is used in some types of car, it could possibly affect the operation of electronic components in the car. Do not use the phone if it adversely affects the safe operation of the vehicle in any way.	Prohibited
Do not use your mobile phone in crowded places as the antenna could strike someone and cause injury.	
Keep your mobile phone away from magnetic cards. Emissions from the phone can erase the information stored on floppy disks and cash cards or credit cards.	
Keep sharp metal objects such as thumbtacks away from the earpiece speaker. The dynamic speaker in the earpiece is magnetic and could attract sharp objects, causing injury.	
Keep the mobile phone dry. Water or other fluids entering the phone could cause overheating, electric shock or damage to the phone.	

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Precautions When Using the Battery

⚠ DANGER

Do not dispose of the battery by throwing it in a fire, as this could cause the battery to ignite or burst.	
If you are having difficulty connecting the battery to your mobile phone, do not use force as this could cause the battery to leak fluids, overheat or ignite.	
Do not short-circuit the battery terminals, and do not touch the terminals with metal objects such as paper clips or needles. Also, do not carry or store the battery with objects such as metal necklaces. Any of these could cause the battery to leak fluids, overheat, burst or ignite.	Prohibited
Do not solder the terminals as this could cause the battery to leak fluids, overheat, burst or ignite.	
Any fluid from inside the battery coming into contact with the eye could cause loss of vision. If this occurs, flush the affected eye with clean water (without rubbing) and seek immediate medical treatment.	Essential
Do not attempt to disassemble or modify the battery as this could cause the battery to leak fluids, overheat, burst or ignite.	Do not disassemble
Do not use or store the battery in hot places such as near a fire or heating appliance. This could cause the battery to leak fluids, overheat, burst or ignite.	Prohibited

⚠ WARNING

If there are any noticeable changes in the battery while being used, charged or stored (overheating, discoloration, deformation, etc.), remove the battery from the phone or AC adapter and discard it. Continued use of the battery in such conditions could cause the battery to leak fluids, overheat, burst or ignite.	Prohibited
Any battery fluid coming into contact with your skin or clothing could cause skin damage. Wash the fluid off immediately with clean water.	
If the battery is leaking fluid or producing any odor, move it away from any naked flame as this could cause the leaking fluid to ignite, resulting in a fire or in the battery bursting.	Essential

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⚠ CAUTION

Keep the battery dry. Moisture on the battery could cause the battery to overheat, emit smoke or corrode.	Prohibited
Do not use or leave the battery in direct sunlight or in hot places such as in a car on a hot day. This could cause the battery to leak fluids and overheat, and could impair the performance or reduce the lifetime of the battery.	

Precautions When Using the AC adapter

⚠ DANGER

Always use the AC adapter with a domestic power supply (eg. 220 V AC). The use of other voltages could cause an electric shock, fire, or damage to the AC adapter.	Essential
Never short-circuit the AC adapter plug as this could cause an electric shock, fire, smoke, or damage to the AC adapter.	Prohibited
Do not use the AC adapter if the power cord is damaged (core wiring exposed or cut, etc.) as this could cause a fire or electric shock.	
Clean off any dust on the power plug as this could cause a fire.	Essential
Do not place containers of water (jugs, etc.) near the AC adapter. Water on the AC adapter could cause overheating, an electric shock or damage to the devices.	Prohibited
If any water or other liquid gets into the AC adapter, immediately unplug the power cord. Failure to do so could cause the AC adapter to overheat or catch fire, or cause an electric shock or damage to the AC adapter.	Unplug
Do not attempt to disassemble or modify the AC adapter as this could cause injury, an electric shock, fire, or damage to the AC adapter.	Do not disassemble
Do not use the AC adapter in places with a lot of water vapour, such as a bathroom, as this could cause an electric shock.	Prohibited
Do not touch the AC adapter, the power cord or the power socket with wet hands as this could cause an electric shock.	

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⚠ CAUTION

Always unplug the AC adapter before performing any cleaning or maintenance. Failure to do so could cause an electric shock.	Essential
Do not place heavy objects on the power cord or attempt to modify the power cord as this could cause an electric shock or fire.	Prohibited
Always grasp the AC adapter itself when you unplug the AC adapter. Pulling on the power cord can damage the cord and cause an electric shock or fire.	Essential

General Notes on Cleaning and Maintenance

Do not splash water on the battery, phone or AC adapter. The mobile phone, battery and AC adapter are not manufactured to waterproof specifications. Do not use them in places where there is a lot of water vapour, such as a bathroom, and take care to protect them from rain.
Use a soft, dry cloth to clean the battery, phone and AC adapter. Wiping the battery, phone or AC adapter with a wet cloth could cause faults. Also, solvents such as alcohol, thinners or benzine may remove the printed lettering on the phone or cause discoloration.
Wipe the AC adapter plug clean occasionally with a dry cloth. Soiled AC adapter plug result in a poor electrical connection which can cause power loss. This can also prevent the AC adapter from recharging the battery correctly.

Notes on the Mobile Phone

Do not expose the phone to extremely low or high temperatures. Use the mobile phone in temperatures between 5°C and 35°C and a humidity of 35% to 85%.
Use the phone as far away as possible from equipment such as conventional phones, TVs, radios and electronic office equipment, as the mobile phone can affect the operation of such equipment.

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Notes on the Battery

Store the battery in a cool, well-ventilated location that is not exposed to direct sunlight.

The battery has a limited life.
However, the life of any battery is limited, and the amount of time for which a battery can be used between recharges gradually decreases. If repeated recharging fails to restore the battery's functionality, the battery life has expired and should be replaced with a new battery of the specified type.

Do not dispose used batteries with ordinary household garbage.
Apply insulating tape to the battery terminals before you dispose of the battery. Check with the relevant local authorities for the correct method for disposing of your battery.

Notes on the AC adapter

To avoid malfunctions, do not charge the battery in the following places:
- In direct sunlight
- Where the ambient temperature is below 5∞C or above 35∞C
- In humid or dusty locations or places subject to vibrations (this could cause malfunctions)
- Near an appliance such as a TV or radio (this could impair picture or sound quality).

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WARNING! FCC RF EXPOSURE COMPLIANCE

This PCS 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 01-01 (2001) 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.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and when the back of the phone faces your body.
Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Introduction

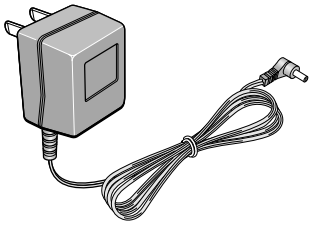
Welcome

Thank you for purchasing the phone. Phone is a highly advanced phone that is designed to use a variety of advanced features in a simple, easy-to-use way.

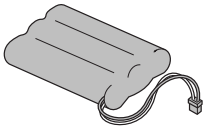
What is included in the box

- UTS700X Personal Phone

- AC adapter



- Battery Pack (Ni-MH)



- Owner's Manual
- Warranty

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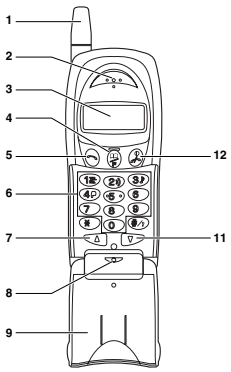
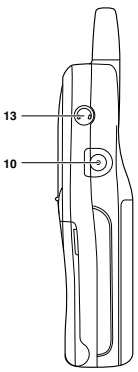
Getting Started

Getting to know your phone

Phone descriptions

Note:
Your phone uses a fixed type antenna that cannot be extended.
Do not try to extend the antenna, otherwise, you may damage it.





1. **Antenna**
2. **Earpiece speaker**
3. **Display**
4. **Telephone directory/Function key**
5. **CALL key**
6. **Number keys**
7. **▲ /Incoming call history/Clear key**
8. **Microphone**
9. **Flip cover**
10. **AC adapter jack**
11. **▼ /Redial/Pause key**
12. **END/Power key**
13. **Earphone microphone jack**

1 Local phone number display key
2 Calling volume setting key
3 Calling sound type setting key
4 Key operation sound setting key
 # Key lock setting key

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Technical data

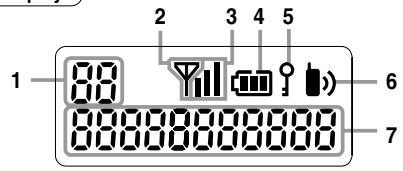
UTS700X (main unit)

Dimensions	approx. (W)44 × (L)105 × (H) 26.3 mm (excl.Antenna)
Weight	approx. 95g
Power supply	DC3.6V 350mAh
Continuous stand by time	approx. 500 hours
Continuous talk time	approx. 5 hours

AC adapter

Input	AC110V 60Hz
Output	DC 9V 100mA

Phone display



1. **Information display area**
   This area includes indicators for missed calls, redial numbers, received call numbers, phonebook numbers etc.
2. **Indicates when you are in a service area.**
3. **Indicates the strength of signal reception.**
4. **Battery mark**
   Indicates the battery level.
   → → →
   Enough to use ⟷ Requires charging
5. **Indicates when the phone is locked.**
6. **Indicates the ringer volume.**
7. **Phone display area**
   Displays phone numbers and other information.

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Charging the battery

Before using your phone for the first time, charge the battery for three and a half hours.

1. **Connect the AC adapter to a power source and insert the AC adapter plug into the phone.**
   The battery mark on display will start to blink.
2. **When the battery is fully charged, remove the AC adapter plug.**
   The battery mark on the phone display will blink while the phone is charging, and then will be stop the blinking when the phone is fully charged.

When the battery power is low, all of the bars of the battery mark will disappear and only the frame around the battery mark will be shown. If you are in a call, an alert tone is emitted to let you know the battery power is low.
Recharge the battery before using the phone.

Notes:

- If you feel that the battery time is getting shorter , the battery may be experiencing the memory effect. If this occurs, use the phone until the battery is fully used all the bars of the battery mark disappear and only the frame around the battery mark is lit. Then char ge the battery for 3.5 hours. This should restore the battery to its full capacity again.
- Normally , the battery is very sensitive to the surrounding temperature. Therefore, if you use the phone, or char ge the battery, in conditions where it is subject to extreme heat or cold, you may not get the best performance from the battery.

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Switching the phone ON and OFF

Switching the phone ON

Press the ⏻ key until the phone display backlight comes on.
The phone will emit a tone when the power is switched on.
The display backlight will go out after approximately 10 seconds.

> Note:
> Even if you have set the backlight setting to OFF, the backlight will come on when the phone is switched on.

Switching the phone OFF

Press the ⏻ key until the phone display goes out.
The phone will emit a click sound when the power is switched off.

> Note:
> If you have locked the phone, you cannot switch off the phone by pressing the ⏻ key. Unlock the phone then press the ⏻ key to switch off the phone.

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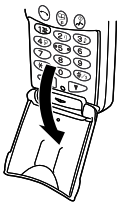
Basic Operations

Making a call

Make sure that the reception signal is sufficient and that at least one bar is shown on the signal indicator.

1 **Open the flip cover.**
The backlight of the display will come on.



2 **Enter the telephone number, including the full area code.**
If you make a mistake entering a number, press the ◄ key until the incorrect number is deleted, then enter the correct number. To re-enter the whole telephone number from the beginning, press the key then enter the correct number.
The telephone number can be a maximum of 32 digits in length. If the number exceeds 11 digits, the numbers will scroll to the left as you enter additional numbers.

3 **Press the key.**
- The telephone number you entered scrolls to the left and the phone dials the number. While the number is being dialed, the telephone number on the display blinks.
- After you are connected to the other party, the amount of time connected is shown on the display.
  The connection time can be displayed for up to 999 minutes 59 seconds.

Example:
Display after 0 min. 1 sec.

4 **When you are finished calling, terminate the connection.**
Press the key to terminate the connection. The connection is terminated and the connection time display stops. Pressing the key again will clear the connection time display from the panel display.

5 **Close the flip cover.**
You can also terminate the connection by

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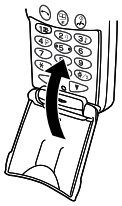
closing the flip cover.
Five seconds after the flip cover is closed, the phone will emit a click and the call is disconnected.
For the five seconds after the flip cover is closed, the connection to the other party is connect but the sound is muted. If you close the flip cover by mistake, you can continue the call if you open the flip cover within the five seconds, provided the other party has not hung up.



Inserting a pause into the telephone number

You can insert a pause into the telephone number you want to dial.

1 **Enter the telephone number.**

2 **Press the ▽ key at the point you want to enter the pause. A "–" is inserted into the number shown on the display. Pressing the ▽ key a second time causes "P" to be displayed.**

- If you press the ▽ key once, a hyphen "–" is inserted into the number.

Hyphen

Pause

3 **Enter any other numbers that are needed after the pause.**

4 **Press the ⌒ key.**
The numbers up to the point you inserted the pause are dialed.
When the other party answers, press the ⌒ key again.
The numbers entered after the pause are dialed.

Notes:
- You cannot insert a pause as the first digit of a number
- You cannot insert two, or more, pauses in succession into the number.
- You cannot call telephone numbers that have a sub-address from this phone.
- If the reception signal become weak during a call, a warning tone will be emitted.

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Answering a call

1 **You will hear the ringing pattern.**
The backlight of the display lights and you will see the phone number of the other party, if they have selected to send their own number. If the number exceeds 11 digits, 11 digits of the number will be shown then the display will scroll to show the remaining numbers.
If the other party has not sent their number, you will see a "–" on the display.

2 **Open the flip cover or press the key.**
You can start talking with the other party and the length of the call is shown on the display.

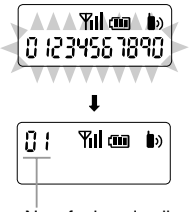
If the flip cover is already open when you receive a call, press any key other than the , , or keys.

> Note:
> If the phone is locked, press the key or open the flip cover to answer the phone. You will not be able to use any other keys to answer the call while the phone is locked.

3 **When you have finished the conversation, end the call.**
Press the key or close the flip cover.

Missed calls

If you received calls while you were unable to answer a call, the number of calls missed is shown in the information display area. This can display up to 99 missed calls. If there are no missed calls, nothing is displayed. If you press the key, the number of missed calls on the display is cleared.



No. of missed calls

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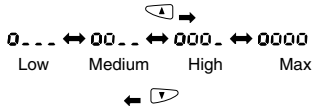
Adjusting the earpiece volume

You can adjust the volume of the earpiece while you are taiking on the phone. The default setting is “Medium”.

1 **Press the ▲ or ▼ key while you are taiking on the phone.**
The earpiece volume is shown on the display. The current volume is adjusted as shown for each press of the keys.

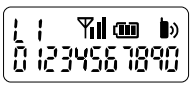


Note:
If you are using the Earphone microphone, you can also adjust its volume.

Redialing a recent number

You can easily redial numbers of people you have called before. The last five phone numbers dialed are remembered with the most recent being first.

1 **Press the ▼ key.**
“L1” is displayed in the information area of the display and the phone number of the last number you called is displayed.



2 **Press the ▲ or ▼ key until the number of the person you want to call is displayed.**
L1 represents the last number you called. L2, L3 etc, represents the numbers called before that.

3 **Press the ⌒ key.**
The phone dials the displayed number.

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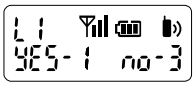
Deleting numbers from the list

You can perform this operation while waiting for a call.

1 **Press the ▼ key.**

2 **Press the ▲ or ▼ key until the number you want to delete is selected.**

3 **Press and hold down the ▲ key.**
When YES-1 NO-3 appears on the display release the key.



4 **Press the 1 key.**
A tone will be emitted and the selected number will be deleted.

- If you do not want to delete the selected number, press the 3 key.

Dialing a number in the received calls list

You can dial the phone numbers of people who have called you.
The phone numbers of the last five people that called you are remembered with the most recent being first.

1 **Press the ▲ key.**
"C1" is displayed in the information area of the display and the phone number of the last person who called you is displayed.

2 **Press the ▲ or ▼ key until the number of the person you want to call is displayed.**
C1 represents the number of the last person that called. C2, C3 etc, represents the numbers of people who called before that.

3 **Press the ⌒ key.**
The phone dials the displayed number.

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Deleting a number in the received call list

You can perform this operation while waiting for a call.

1 **Press the ▲ key.**

2 **Press the ▲ or ▼ key until the number you want to delete is selected.**

3 **Press and hold down the ▲ key.**
When YES-1 NO-3 appears on the display release the key.

4 **Press the 1 key.**
A click will be emitted and the selected number will be deleted.

- If you do not want to delete the selected number, press the 3 key.

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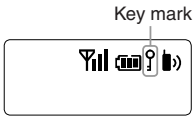
Locking the phone

You can lock the phone so that you do not accidentally press any keys when carrying the phone while it is switched on.

Press the (#/) key until the key mark is shown on the display.
While the phone is locked, you cannot perform any operation other than those listed below:

- Press the ( ) key to answer an incoming call.
- Unlock the phone.



Unlocking the phone

Press the (#/) key until the key mark disappears from the display.
The phone is unlocked and you can perform all operations.

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Advanced Dialing Services

Storing a number in the phonebook

You can store up to 20 telephone numbers in the phonebook.
You can use the phonebook while you are talking the phone.

1 **Enter the telephone number.**
You can also store telephone numbers that include a pause. One pause will count as two digits of the number.

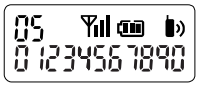
2 **Press the ⏻ key.**
The location number 01 in the information area of the display will blink.
If a telephone number has already been stored in that location, the number for the lowest available number will be displayed.
To store the telephone number in the displayed location proceed to step 4.

3 **Press the ▲ or ▼ key to select the number of the location you want to use.**
You can also use the number keys on the keypad instead of the ▲ or ▼ keys to select the location number.

For example:
To select location number 05
Press the 0 key then the 5 key.
If a telephone number has already been stored in the location, the existing number and the newly entered number are displayed alternately on the display.

Note:
You can use the number keys of the keypad to store a telephone number during a call.

4 **Press the ⏻ key.**
The location number changes from a blinking display to a steady display and the telephone number is stored in the phonebook.



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Note:
For numbers stored in locations 01 to 09, you use the two-touch function to dial them quickly
If you store a telephone number during a call, the tones of the key used to enter the number will be heard by the other party. In addition, you cannot enter a telephone number that includes a pause during a call.

After a number has been stored in the phonebook
Once you have stored a number in the phonebook the number is displayed in the information area of the display when you receive a call from that number.

Dialing a number in the phonebook

1 **Press the (F) key.**
The first location number and its telephone number are displayed.

- If you have not stored any telephone numbers in the phonebook, pressing the (F) key will have no effect.

2 **Select the location number and telephone number for the person you want to call.**

You can select the number in the following ways:
Pressing the ▲ or ▼ keys.
Pressing the ▼ key displays the numbers from the first location number stored to the last.
Pressing the ▲ key displays the numbers from the last location number stored to the first.

Pressing the (F) key.
With each press of the key the numbers will be displayed from the first location number stored to the last.

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Pressing the number keys.
The location number and its telephone number is displayed for the number you pressed.

For example:
To select location number 05
Press the 0 key then the 5 key.
If there is no telephone number stored in the location number you entered, the location number blinks. The display will return to the previous screen after 2 seconds.

3 **Press the ⌒ key.**
The phone dials the displayed number.

Using two-touch dialing

For numbers stored in locations 01 to 09 of the phonebook you use the two-touch dialing to dial them quickly and easily.
You can use two-touch dialing while waiting for a call.
Example: To dial the telephone number stored in location number 05.

1 **Press and hold down the 5 key.**
"5" appears on the display then the telephone number stored in location 05 is displayed.
After the location number and telephone number have been displayed, release the 5 key.

2 **Press the ⌒ key to dial the number.**

Note:
If you press a number key that does not have a stored telephone number, the two-touch function will not work.

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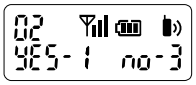
Changing a phonebook entry

1. **Enter the new telephone number for the number you want to change.**
2. **Press the FUNC key.**
3. **Press the ▲ or ▼ key or the number keys to select the number of the location you want to change.**
   The existing number and the newly entered number are displayed alternately on the display.
4. **Press the FUNC key.**
   The telephone number you entered is stored in the selected location.
   When YES-1 NO-3 appears on the display release the key.
5. **Press the 1 key.**
   A tone will be emitted and the selected number will be deleted.
   - If you do not want to delete the selected number, press the 3 key.

Deleting a phonebook entry

1. **Press the FUNC key.**
2. **Press the ▲ or ▼ key or the keypad number keys to select the number of the location you want to delete.**
3. **Press and hold down the ▲ key.**
   When YES-1 NO-3 appears on the display release the key.



4. **Press the 1 key.**
   A tone will be emitted and the selected number will be deleted.
   - If you do not want to delete the selected number, press the 3 key.

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Using Advanced Functions

Displaying your own number

You can display your own number. You can do this while waiting for a call or during a call.

1 **Press and hold down the (F) key.**
When "F_" appears in the information area of the display release the key.

2 **Press the (1) key.**
Your own number of the phone is displayed.
To clear the display, press the (C) key. Even if you do not press the (C) key, the display will be cleared after 20 seconds.

- If the number exceeds 11 digits, the number will be scrolled.
- If you press the (C) key during a call, the call will be disconnected.

Changing the ring volume

You can check and adjust the settings for the ring volume of the ring pattern. The default setting is High.
You can adjust the setting while waiting for a call.

1 **Press and hold down the (F) key.**
When "F_" appears in the information area of the display release the key.

2 **Press the (2) key.**
The current volume setting is displayed.

Volume setting

3 **Press the ▲ or ▼ key to adjust the volume.**

(High)
⬆
(Low)
⬆
(Off)

You can set the volume to High, Low, or Off.
Pressing the ▲ or ▼ key causes the phone to play the ring pattern at the selected volume.
Pressing the ▼ key reduces the volume. If the volume setting is Off, then pressing the ▼ key will have no effect.

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Pressing the ▲ key increases the volume. If the volume setting is High, then pressing the ▲ key will have no effect.

4 **Press the 0 key.**
The ring pattern stops and the phone returns to the display before the PF key was pressed. Even if you do not press the 0 key, the ring pattern will stop one ring pattern has finished.

- You can adjust the volume for the ring pattern when you receive a call by pressing the ▲ or ▼ key while the phone is playing the ring pattern.

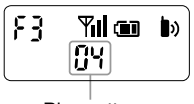
Changing the ring pattern

You can check and adjust the settings for the ring pattern that is used to inform you of incoming calls. The default setting is 01. You can adjust the setting while waiting for a call.

1 **Press and hold down the PF key.**
When "F_" appears in the information area of the display release the key.

2 **Press the 3 key.**
The current ring pattern setting is displayed.

3 **Press the ▲ or ▼ key to change the ring pattern.**
You can set the ring pattern to one of four tones, or 20 melodies.
Pressing the ▲ or ▼ key causes the phone to play the selected ring pattern.
Pressing the ▲ or ▼ key again causes the phone to switch to the next ring pattern.



Ring pattern

↔01 ↔02 ↔03 ↔04 ~ 21 ↔22 ↔23 ↔24 ↔

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No.	Ring Patterns and Melody names
1.	Electronic Sound
2.	Electronic Sound
3.	Electronic Sound
4.	Electronic Sound
5.	William Tell
6.	Gavotte
7.	Hungarian Rhapsody
8.	Humoresque
9.	Voices of Spring
10.	“Spring” Sonata
11.	Turkish March
12.	Beautiful Dreamer
13.	Menuet
14.	Symphony (No.5) in C minor
15.	Eine Kline Nachtmusik
16.	Tin Soldiers March
17.	Song of Joy
18.	“Orpheus at Hells” Prelude
19.	Pictures at an Exhibition
20.	“Pastoral” Symphony
21.	Swan Lake
22.	The Beautiful Blue Danube
23.	Chopin Waltz No.9
24.	For Elise

Note:
The ring patterns are played at the volume set by the ring volume setting. If the ring volume setting is set to Off, you will not hear the ring patterns.

4 Press the key.

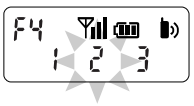
The ring pattern stops and the phone returns to the display before the key was pressed. Even if you do not press the key, the ring pattern will stop one ring pattern has finished.

Changing the key tone

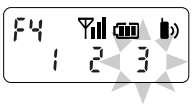
You can check and adjust the settings for the tone mode when you press any of the keys on the phone. The default setting is 2. You can adjust the setting while waiting for a call.

1 **Press and hold down the (#) key.**
When "F_" appears in the information area of the display release the key.

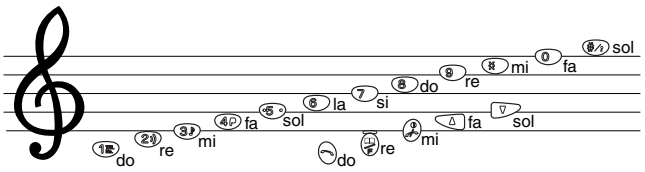
2 **Press the (4) key.**
"1 2 3" is displayed and the current setting blinks.



3 **Press the (1), (2), or (3) key to change the key tone setting.**
The displayed setting (1), (2), (3) are as follows:
(1) : No tone is emitted when the keys are pressed.
(2) : A standard key tone is emitted when the keys are pressed.
(3) : A musical tone is emitted when the keys are pressed.



4 **Press the (C) key.**
The phone returns to the display before the (#) key was pressed.
Even if you do not press the (C) key, the display will be cleared after 20 seconds.



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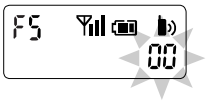
Changing the auto-response time

When using the phone with the Earphone microphone, you can check and adjust the settings for the automatic response time (seconds) from the time you receive a call. The default setting is 00 (off). You can adjust the setting while waiting for a call.

1 **Press and hold down the F key.**
When "F_" appears in the information area of the display release the key.

2 **Press the 5 key.**
The current auto-response setting is displayed.



3 **Press the number keys (1-9, 0) to enter the auto-response time in seconds.**

Example:
To set the interval to five seconds, press the 0 key then the 5 key.
To set the interval to 18 seconds, press the 1 key then the 8 key.
To set the auto-response time to off, enter 00.

4 **Press the key.**
The phone returns to the display before the F key was pressed.
Even if you do not press the key, the display will be cleared after 20 seconds.

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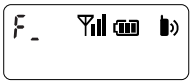
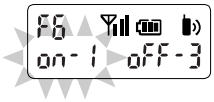
Changing the “NO SERVICE AREA” alert

You can check and adjust the setting for the alert tone that informs you when you have moved outside the service area and that the signal reception has deteriorated. The default setting is ON-1. You can adjust the setting while waiting for a call.

1 **Press and hold down the (F) key.**
When “F_” appears in the information area of the display release the key.



2 **Press the 6 key.**
“ON-1 OFF-3” is displayed and the current setting blinks.



3 **Press the 1 or 3 key.**
1 : An alert tone is emitted.
3 : An alert tone is not emitted.

4 **Press the key.**
The phone returns to the display before the (F) key was pressed.
Even if you do not press the key, the display will be cleared after 20 seconds.

Changing the “HAND OVER” tone

Your phone has a function, called HAND OVER, that searches for a stronger reception signal if the current signal becomes weak. You can check and adjust the settings for the tone that is emitted when this HAND OVER function operates. You can adjust the setting while waiting for a call.

1 **Press and hold down the (F) key.**
When “F_” appears in the information area of the display release the key.

2 **Press the 7 key.**
“ON-1 OFF-3” is displayed and the current setting blinks.

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3 **Press the 1 or 3 key.**

1 : A HAND OVER alert tone is emitted.

3 : A HAND OVER alert tone is not emitted.

4 **Press the key.**

The phone returns to the display before the key was pressed.

Even if you do not press the key, the display will be cleared after 20 seconds.

About the HAND OVER tone function

If you hear the HAND OVER tone for four times consecutively, it means that the phone is having problems connecting to a service area with good reception and you may find your call is disconnected. If this occurs, move to another location with good reception and dial again.

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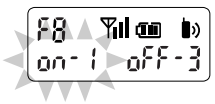
Changing the backlight setting

You can check and adjust the settings for the backlight of your phone. The default setting is ON-1, You can adjust the setting while waiting for a call.

1 **Press and hold down the (F) key.**
When "F_" appears in the information area of the display release the key.

2 **Press the 8 key.**
"ON-1 OFF-3" is displayed and the current setting blinks.



3 **Press the 1 or 3 key.**
1 : The backlight for the display comes on when a key on the keypad is pressed.
3 : The backlight for the display does not come on when a key on the keypad is pressed.

4 **Press the key.**
The phone returns to the display before the (F) key was pressed.
Even if you do not press the key, the display will be cleared after 20 seconds.
Even if the backlight setting is set to off, the backlight will come on when you switch the phone on or you when you receive a call.

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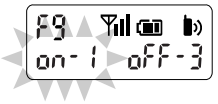
Changing the "SEND OWN NUMBER" setting

This function lets you decide whether to send the telephone number of the phone when you make a call or not. The default setting is ON-1 (SEND). You can adjust the setting while waiting for a call.

1 **Press and hold down the (F) key.**
When "F_" appears in the information area of the display release the key.

2 **Press the (9) key.**
"ON-1 OFF-3" is displayed and the current setting blinks.



3 **Press the (1) or (3) key.**
(1) : Sends the telephone number of your phone to the other party when you make a call.
(3) : Does not send the telephone number of the phone when you make a call.

4 **Press the (C) key.**
The phone returns to the display before the (F) key was pressed.
Even if you do not press the (C) key, the display will be cleared after 20 seconds.

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Appendix

Cleaning the exterior of the phone

To clean everyday dirt and stains, wipe the phone with a soft, dry cloth. To clean stubborn stains, wipe the phone with a soft cloth that has been moistened with water and a neutral detergent, then wrung tightly so it is slightly damp.

Note:
Do not use benzene, thinner or other materials as these can cause damage to the casing, or cause it to change color, or cause the casing to peel.

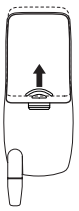
Changing the battery

The battery is replaceable. Although the battery life will vary, depending on how you use the phone, we recommend that you replace the battery every year. When replacing the battery, always use a Ni-Cd battery pack.

Changing the battery while waiting for a call

1 **If the phone is on, press the key to turn the phone off.**

Note:
Always turn off the phone before changing the battery.

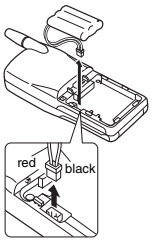


2 **Remove the battery cover.**

1) Hold the phone with the antenna pointing towards you.
2) Slide the cover off in the direction of the arrow, as shown in the illustration.

3 **Remove the battery.**

Hold the connector by the base and gently pull it out.



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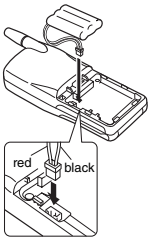
4 **Insert the new battery.**

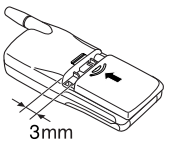
Insert the battery with the marking facing upwards and firmly insert the cables into the connectors. Make sure you insert the colored cables into the correct connectors.
Store the battery cables between the body of the phone and the battery.



Note:
When replacing the battery, make sure you align the slots on the battery with the connector pins on the phone. Do not use force to pull the battery out or push it in.

5 **Attach the battery cover.**

Attach the battery cover as shown in the illustration on the right. While taking care not to trap the cables, make sure the cover is firmly in place.



6 **Insert the AC adapter plug into the phone and charge the battery for 12 hours.**

Notes:
- Always use the AC adapter provided with your phone to charge the battery.
- The battery level may not be displayed accurately immediately after you change the battery. If you fully charge the battery, the battery level will be displayed correctly again.

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Troubleshooting

If you are experiencing problems with your phone, please check the chart below before calling for assistance. If you cannot solve the problem after consulting this chart, contact your local dealer.

Problem	Cause
The power does not come on.	• Is the battery fully charged? (☞ p. 4) • Are you pressing the key for long enough?
You cannot make a call.	• Is the phone number correct? (Have you included the area code in the number?) • Have you moved outside the service area? • Is the phone locked? • Is there a pause in the phone number?
You can make calls, but hear an announcement that you cannot make calls because you are outside the service area.	• This can occur if you are outside your registered area. Turn the phone off then on again and try again.
Calls are cut-off, or noise interference is heard.	• Move to a different location and try again.
You cannot charge the phone.	• Is the AC adapter jack correctly inserted into the phone? (☞ p. 2) • Has the power cord been disconnected from the power supply? • Is the battery mark blinking?

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