SAMSUNG

Digital Cordless Telephone
SP-R7100
User's Manual

SAMSUNG
ELECTRONICS

Your batteries are guaranteed for six months. Please ensure you FULLY CHARGE the batteries for a period of AT LEAST 10 HOURS BEFORE you use your phone to make a call.

This equipment is not designed for making emergency telephone calls when the power fails. Alternative arrangements should be made for access to emergency services.

Safety Precautions and Important Notice

When using your telephone, these basic safety precautions should always be followed to reduce risk of fire, electric shock, and injury.

1. Never push objects of any kind into your telephone through case or cabinet openings as they may touch dangerous voltage points resulting in risk of fire or shock.

2. To reduce the risk of electric shock, do not disassemble your telephone. Take it to a qualified service technician if repair work is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly could cause electric shock when the unit is subsequently used.

3. Unplug this unit from the telephone jack and wall outlet, and refer servicing to qualified service personnel under the following conditions:

   • When the power supply cord, plug, or adaptor is damaged or frayed.
   • If liquid has been spilled into the product.
   • If the product has been exposed to rain or water.
   • If the product does not operate properly after instructions have been followed.
   • If the product has been dropped, or the cabinet appears damaged.
   • If the product exhibits a distinct change in performance.

4. Avoid using your telephone during a lightning storm. There may be a remote risk of electric shock from lightning. If possible, unplug the AC adaptor and telephone cord for the duration of the lightning storm.

5. Never dispose of batteries in a fire. There is a serious risk of explosion and / or the release of highly toxic chemicals. Dispose of used batteries in accordance with local regulations.

6. When going on holiday or not using the phone for a long period of time, please disconnect the mains power from the base and remove the battery from the handset.

7. If the handset is not used for a long time and the battery becomes fully discharged, please recharge the handset for a minimum of 10 hours before using again.

8. If the battery is self-discharged because it has not been used, the operational life of the battery may be reduced. To recover the full storage capacity of the battery, recharge the battery for a minimum of 10 hours and use until it is fully discharged. This process needs to be repeated several times.

9. This unit requires rechargeable Ni-MH batteries. Do not use alkaline batteries.

10. Clean the charge points with a dry cloth from time to time.

11. Ringer Equivalence Number (REN)-1.0.

    The REN is a customer guide indicating approximately the maximum number of items of apparatus that should be connected simultaneously to the line. The sum of REN's of the individual items should not exceed a total value of 4.

12. You can use this equipment to make 999, or 112 emergency calls.

13. You can use this equipment on a telecommunication system that uses Loop Disconnect or DTMF signalling.

    It is strongly recommended that the equipment is configured to use DTMF signalling for access to public or private emergency services. DTMF signalling also provides faster call setup.

14. If you are connected to a Private Branch Exchange, you may have to press a digit, for example "9", to get an outside line. Then you dial as normal. If you need a pause, you should insert it after the digit and before the number you require.

15. You may sometimes experience problems in making calls. These difficulties can include:

    • Line connection problems.
    • Problems hearing the conversation on both ends of the line.

16. This equipment will NOT work at all if the mains or battery supply is removed.

17. You can connect the equipment to the telecommunication systems specified as long as you follow the instructions in this manual.

18. This equipment has been approved for use with the following facilities:

    • Last Number Redial.
    • Call Barring.
    • Memory Dial.

    Any other use will invalidate the approval of the equipment and it then ceases to comply with the standards against which approval was granted.

19. SAVE THESE INSTRUCTIONS.

Table of Contents

Getting Started

Unpacking

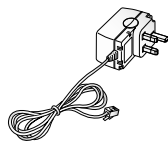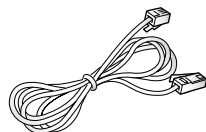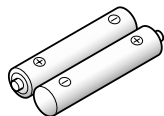Once you have unpacked your phone, check to make sure that you have all the parts shown below. If any piece is missing or broken, please refer to your dealer.

Base

Handset

Adapter

Line Cord

Batteries

User's Manual

Your Phone

Handset

Antenna

Indicator lamp

Earpiece

LCD window
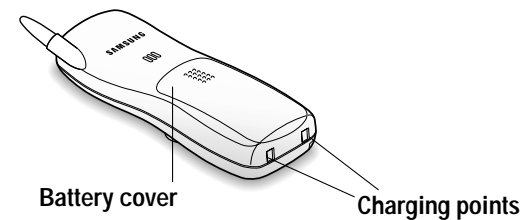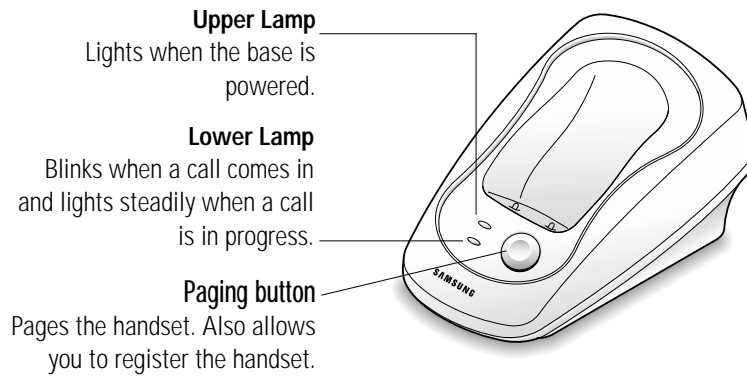
Makes, answers, or ends a call.

Allows you to access menu options and scrolls through menu options.
Also, adjusts volume.

Activates intercom communications.

Deletes characters from display.
When held down in the menu system, returns to the previous menu level.

Turns the handset on or off when held down for about 3 seconds. Also, locks the keys when held down for about 2 seconds.
When using menu options, confirms the menu or the option selected.
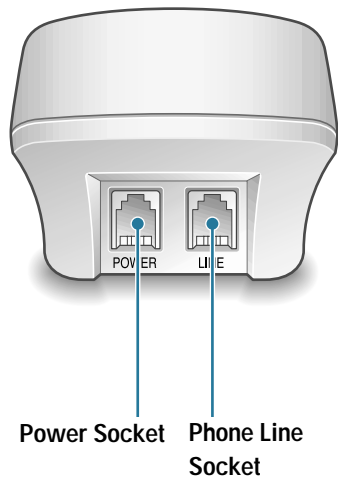In Standby mode, retrieves the last dialled numbers.

Microphone

Rear

Battery cover

Charging points

Base - Front

Upper Lamp
Lights when the base is powered.

Lower Lamp
Blinks when a call comes in and lights steadily when a call is in progress.

Paging button
Pages the handset. Also allows you to register the handset.

Base - Rear

**Power Socket**   **Phone Line Socket**

Connecting Lines

1. Connect one end of the telephone line cord to the phone line socket on the rear of the base, and the other end to a standard phone wall jack socket.
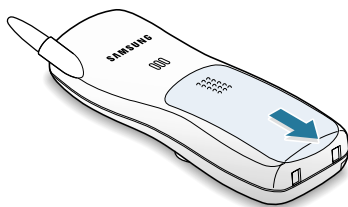
To phone wall jack socket

2. Connect the modular end of the power adapter to the DC power socket on the rear of the base, and the other end to a standard AC wall outlet as shown.
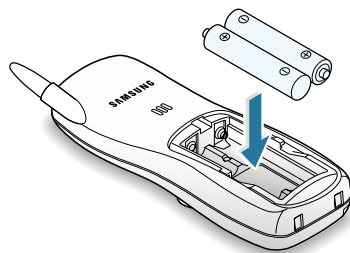
To AC wall outlet
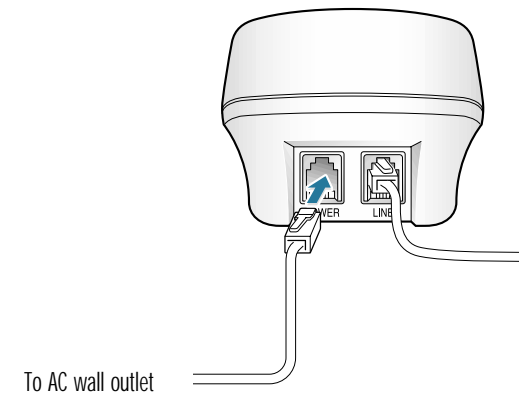
Installing Handset Batteries

The handset uses the 2 rechargeable Ni-MH batteries (AAA size) supplied.
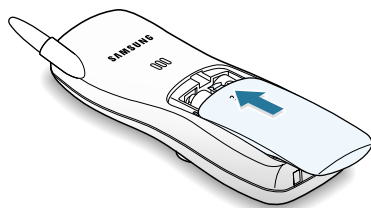
1. Slide the battery cover in the direction of the arrow.

2. Insert new batteries observing correct polarity (+ , -). Reversing the orientation may damage the handset.

3. Replace the battery cover. Make sure that the cover is properly aligned. Slide the cover up until it snaps shut.

Notes:
• The battery needs to be replaced if it does not recover its full storage capacity after recharging.
• When replacing the battery, only use a SAMSUNG-approved battery. For details, see 'Specifications' on page 53 or ask your nearest service representative.

Charging the Handset

Before initial operation, YOU SHOULD FULLY CHARGE THE HANDSET for more than 10 hours. Failure to do so will result in poor battery performance which is not covered under the terms of the warranty. Also for the charging of the additional handset.

To charge the handset, simply place it on the base unit.

When charging, the handset automatically turns on. The green lamp on the top of the handset light up and the icon on the LCD repeats filling and emptying.
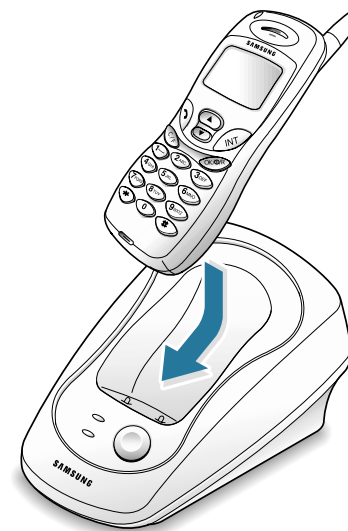
Turning the Handset On/Off

When you place the handset on the base unit to charge it, the handset automatically turns on. To turn the handset on or off in the Standby mode, follow these steps:

1. To turn on the handset when the display is off, press the ⬭ button.

   Result : The LCD window shows the handset and base number, and the greeting message SAMSUNG as shown below. The phone is now ready for use. To change the greeting, see page 38.

```
 Y.ill                     ▥
 HS(1)      BS(1)
       SAMSUNG
```
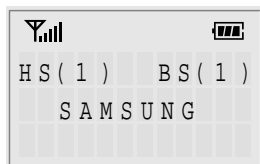
2. To turn the handset off, press and hold the ⬭ button for about three seconds until **Bye** appears on the LCD window.

   Result : The handset turns off.

Notes:
• If you purchase an additional handset, you must register the handset to a base. If not, the display shows **Fail to Register** when you turn it on and only the ▲ or ▼ and ⬭ buttons work to allow you to register the handset. Refer to 'Registering a New Handset' on page 46.
• Nothing will appear on the LCD window when battery power is very low. You should fully charge the handset before operation.

LCD Window Icons

```
 Y.ill (:) ⊠ O⊓ ▥
 HS(1)     BS(1)
      SAMSUNG
```
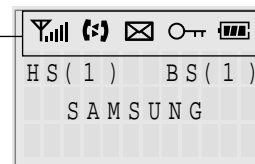
Y.ill   Indicates signal strength.

(⸰   Indicates that the handset has engaged the line.

•)   Indicates that the handset is using the intercom feature.

⊠   Indicates that there is a call you did not answer.

O⊓ Indicates that the buttons are locked.

▥ Indicates the battery status.

Choosing Dial Mode

In order to provide compatibility with most telephone systems, your phone can be set to either pulse-dialling (same as rotary), or tone dialling (DTMF). Your phone is preset to Tone mode.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly until **Setting** is selected, then press the ⬭ button.

3. When **Set Dial** appears with the > mark, press the ⬭ button.

   Result : The current setting is displayed; **Pulse** or **Tone**.

4. Press the ▲ (or ▼) button to change the dial mode.

5. Press the ⬭ button to save the setting.

Note: It may not be available depending on your country.

General Functions

Making a Call

1. Press the ✎ button. You hear a dial tone.

2. Dial the desired phone number by using the number keypad.

Note: While entering a phone number, the ✎ button enters 'P', a hard pause. The number after a pause will be automatically sent 4 seconds after the first number is dialled. A pause is useful when you access an interactive voice response system, such as an automated banking system.

3. When the other person answers, speak.

4. To end the call, press the ✎ button.

Notes:
• If you turn the 'Call Time' feature on, the LCD window displays the call time. For details, see 'Call Time' on page 41.
• To make a call to the last number you dialled, use the 'Redial' feature. For details, refer to 'Last Number Redial' on page 16.
• You can store telephone numbers in Phonebook memory and dial the numbers using the assigned memory address. Refer to 'Phonebook' on page 29.

You can enter the desired phone number in the Standby mode, which allows you to make corrections before dialling. Follow these steps:

1. Enter a telephone number. Check the number on the LCD window.

Note: If you make a mistake while entering a number, press the ✎ button to clear the last digit and correct the number. If you press and hold the ✎ button for more than one second, all digits you have entered are cleared and the handset returns to the Standby mode.

2. When the number appears correctly, press the ✎ button to dial the number.

Camp On Busy

(Available only when you have more than one handset)

This feature allows your handset to wait for connection to the telephone line currently engaged by another handset. Your handset rings when the telephone line becomes free.

1. You will hear a short busy tone if you press the ✎ button while another handset engages the telephone line.

   Result : The display shows the handset number currently engaging the line and your handset is automatically camped on the line.

Note: To cancel this feature, press the ✎ button any time before the line is free. The handset returns to the Standby mode.

2. When the line becomes free, your handset rings and the window displays **Free**.

3. Press the ✎ button to engage the line while the handset rings.

Notes:
• If an incoming call arrives while your handset rings to tell you the line is free, the 'Camp On Busy' feature is automatically cancelled and an incoming ring sounds.
• Several handsets can be camped on the busy line in chronological order. When the line becomes available to you, the LCD window displays **Free**, and other handsets will display your handset number following the word Busy.
• When your handset rings and the window displays **Free**, press the ✎ button within 10 seconds. Otherwise, the handset returns to the Standby mode.

Last Number Redial

Your handset allows you to call the most recently dialled number again. It stores the last 10 numbers you called respectively 01 through 10.

To dial the last number

1. Press the ⊘ button to retrieve the last number.

2. Press the ⊘ button.

To View and Dial Any of Last 10 Numbers

1. Press the ⊘ button in the Standby mode.

2. Press the ▲ (or ▼) button to scroll through the redial memory.

   Result : Each time you press the button, the numbers you dialled are displayed with the memory cell number. Cell 01 stores the most recent number and cell 10 stores the oldest number.

3. Press the ⊘ button to dial the selected number.

Notes:
• Each time you dial a new number, the oldest number stored in the redial memory is automatically erased, and the redial memory is updated.
• You can modify the number displayed by using the ⊘ button before pressing the ⊘ button.

To Erase All Numbers In Redial Memory

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **System**, then press the ⊘ button.

   Result : The display asks you to enter the PIN code.

3. Enter the PIN, then press the ⊘ button.

Note: The PIN is preset to "0000" at the factory. You can change the PIN. For details, see page 49.

4. Press the ▲ (or ▼) button repeatedly to scroll to **Redial Clr**, then press the ⊘ button.

5. When you are asked to confirm the deletion, press the ⊘ button.

Speed Dial

Once you have stored phone numbers in the phone book memory, you can easily dial the numbers with one or two touches of the corresponding number key. For details on storing a number, refer to page 29.

To speed dial the desired number:

For the 1-digit memory cell number (01 through 09), press and hold down the second digit on the keypad.

For example: Cell no. 02
           Press 2ABC and hold down

For the 2-digit memory cell number (10 through 80), press the first digit briefly and hold down the second digit.

For example: Cell no. 29
           Press 2ABC and hold 9WXYZ down

Receiving a Call

Caller ID. Subscription to your Network Provider is necessary before this facility is available. Please contact them direct for details. When somebody calls you, the handset rings, and the green lamp at the top left of the handset blinks. Also, the ☎ icon appears at the top of the LCD window.

The caller's phone number will be displayed on the LCD if the telephone network has transmitted the necessary information.

1. To answer the call, press the ✆ button.

   If the handset is on the base unit, simply lift it up. You do not need to press the ✆ button.

Note: The ✆ and the ✆ buttons will not work for three seconds to prevent the phone from being disengaged after you lift the handset from the base unit to receive the call.

2. To end the call, press the ✆ button.

Note: If you set the 'Ring Delay Time' feature, you can turn the handset ringer off for the specified time when a call comes in and other handsets are ringing. Refer to 'Ring Delay' on page 41.

Caller ID Display

Caller ID displays the caller's phone number. This feature is available on your phone if the caller's network transmits the necessary information. You must contact your line provider to subscribe to Caller ID.

01952-297631 ——— *the caller's number*
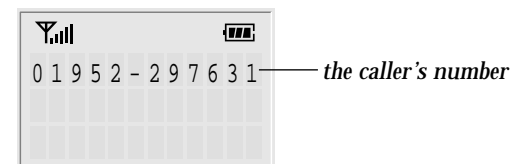
Notes:
• The number of missed calls (if any) will be displayed.

CALL [02] ——— *There are 2 missed calls.*
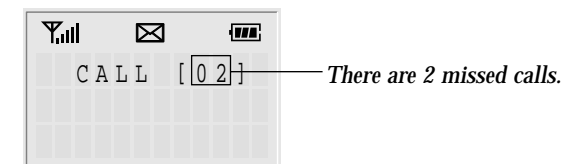
Your phone keeps track of the last 20 calls received. Refer to 'Call Log' on page 35 to check and dial the numbers.
• If a caller has chosen to withhold their number, you will see **PRIVATE ID** on the LCD window.
• If a caller's number is not available, you will see **ID NOT RECV** on the LCD window.

Adjusting the Volume

To adjust the voice volume of the earpiece

During calls, pressing the ▲ (or ▼) button affects the earpiece volume.

You can adjust the volume from level 1 to 5, and it is preset to level 5. The voice volume is displayed as bars on the LCD window. The more bars you see, the louder the volume is.

Earpiece volume indicator

To adjust the ringer volume

1. In Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

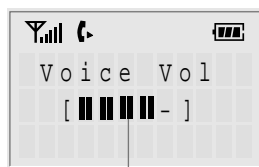2. Press the ▲ (or ▼) button to scroll to **Ring**, then press the button.

3. When **Ring Level** appears with the > mark, press the button.

4. Press the ▲ (or ▼) button to choose the volume level you want.

   Result : Each time you press the button, the handset rings with the level you have chosen.

   The ring volume is displayed as bars on the LCD window. The more bars you see, the louder the volume is.

5. Press the button to save the setting.

Out of Range Indicator

Your phone indicates the received signal strength through the strength icon. The more bars you see, the stronger the signal is. If the handset is too far from the base unit and the handset cannot properly engage the telephone line, the Y icon blinks on the LCD window.

Signal strength icon

If you move out of range during a call, the telephone line might be disconnected and the handset returns to the Standby mode. Check if the icon blinks on the LCD window. If so, move the handset closer to the base unit.

Battery Level Indicator

A icon is continuously displayed on the upper line of the LCD window. The icon shows the level of your battery. The more bars you see, the more power you have left.

Flat   *Full*
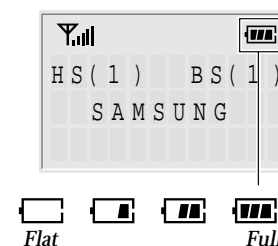
When the battery is weak and a few minutes of talk time remain, you will hear a warning tone and the icon blinks.
When the battery becomes too weak for the phone to operate, the handset will automatically turn off. Place the handset on the base unit to charge the handset battery for a minimum of 10 hours before reusing.

Paging

You can page the handset from the base unit. Using this feature, you can locate the lost handset.

Press the Paging button on the base unit.

Result : The lower lamp on the base blinks for about 6 seconds and all handsets registered with the base will ring four times.

Note : If a call comes in while the handset is being paged, the handset stops paging and sounds the ringer.

Key Lock

If you turn this feature on, all buttons except for the ⊘ button will be locked and will not function.

You can answer incoming calls or intercom calls by using any buttons on the handset. But when you hang up, the handset returns to the lock mode. This feature is useful to avoid pressing buttons by mistake.

1. To turn the feature on, press and hold the ⊘ button for 1.5 seconds until ⊶ icon appears on the LCD window.

2. To turn the feature off, press and hold the ⊘ button for 1.5 seconds until ⊶ icon disappears from the LCD window.

DO NOT hold the ⊘ button for more than three seconds, or the handset will turn off.

Note : If a power failure occurs, the Key Lock feature is automatically cancelled.

Tone Dial Switchover

To access certain services such as voice mail or interactive telephone system features, it is necessary to use tone dialling. When your phone is set to the pulse mode, DTMF dialling is available.

1. Press the ⊛ button while the phone is in the pulse dial mode.

   Result : Your phone is converted to the tone dial mode temporarily.

2. When you press the ⊘ button during a call or end the call, the phone automatically returns to the pulse mode.

Registered Recall

The ⊘ button is used in conjunction with special services such as 'Call Waiting' which may be offered by your telephone company. You can local transfer a call to another extension on a PABX, using this feature.

To send a flash, simply press the ⊘ button while the line is engaged.

Result : The display shows **F**.

Intercom Between Handset

(Available only when you have more than one handset)

If you have multiple handsets registered with the base, two handsets can talk to each other on an internal communication call.

1. Press the ⌇ button.

   Result : The ⌇ icon blinks, and **INTERCOM** is displayed on the LCD.

2. Enter the handset number (1~6) you want to page.

   Result : The paged handset rings. The LCD window of the paged handset displays your handset number (the paging handset).

Notes:
• If you enter a handset number that does not exist, **IT IS NOT REGISTERED** is displayed and the handset sounds an error tone.
• If **Busy** appears on the LCD window, the paged handset is engaged with an outside party. Your handset is automatically camped on to the busy station and when the busy station becomes free, both handsets will ring.
• If the paged handset is engaged with another internal line, **INTERCOM IS USED** appears on the LCD window.
• To cancel the intercom call, press either the ⌇ or ⌇ button.

3. To answer an internal call from you, the paged handset should press either the ⌇ or ⌇ button. If the handset is on the base unit, just lift it out of the base unit.

4. When the paged handset answers you, speak.

5. To end the call, press either the ⌇ or ⌇ button.

Note : If an external call comes in during an intercom conversation, you will hear beeps. When you hear the low beeps, finish the intercom call by pressing the ⌇ or ⌇ button. The external line rings. Press the ⌇ button to answer the call.

Call Transfer Between Handsets

(Available only when you have more than one handset)

You can transfer a call from one handset to another.

1. During a telephone conversation, press the ⌇ button.

   Result : The ⌇ icon blinks, and **INTERCOM** is displayed on the LCD. Your caller will be put on hold and will hear music.

2. Enter the handset number (1~6) you want to transfer to.

   Result : The paged handset rings.

3. To answer the call, the paged handset should press either the ⌇ or ⌇ button. If the handset is on the base unit, just lift it out of the base unit.

4. You can speak to the handset (Intercom).

5. To transfer the external call to the paged handset, press the ⌇ button.

   Result : The paged handset is connected to the outside party.

   Or, to cancel the call transfer and transfer the call to another handset, press the ⌇ button.

Using the Menus

A three-level menu structure is available to set the various options on your phone. There are two ways to set a menu option on your phone:
• You can scan through all menu options available, then select the option you want.
• If you know the number of the option you want to select, you can press the number to quickly access the menu option.

Accessing a Menu Option by Scrolling

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

   Result : The main menu options are displayed.

2. To scan through menu options, press the ▲ (or ▼) button repeatedly.

3. To select an option, press the ⬭ button when the option you want is indicated by the > mark.

4. If the selected menu option has sub-options, repeat as necessary.

5. Change the status by pressing the ▲ (or ▼) button and press the ⬭ button.

Notes:
• If you press and hold the ⬭ button from any menu (not in number or text input mode), the handset will go back to the previous menu level.
• To return to Standby mode from any menu, press the ⬭ button. The handset will automatically return to Standby mode from any menu if no button is pressed for 20 seconds.

Accessing a Menu Option by Index System

1. In the Standby mode, press the ▲ (or ▼) button to display menu items.

2. Press the associated number key to select the desired option. (You do not have to scroll through the list in order to select it.)

Example : Selecting the **Back Light** option
Press ⬭ for **Setting**, and ⬭ for **Back Light**

3. Change the status by pressing the ▲ (or ▼) button and press the ⬭ button.

Menu Map

The following illustration shows the menu options available and indicates the:
• The index number assigned to each option
• The page where you can find descriptions on each feature

1. Phone Book

```
├──► 1-1  Find Name (See page 31.)
├──► 1-2  Find Cell (See page 32.)
├──► 1-3  New Entry (See page 29.)
├──► 1-4  Del Name (See page 33.)
├──► 1-5  Del Cell ( See page 34.)
└──► 1-6  Del All (See page 34.)
```
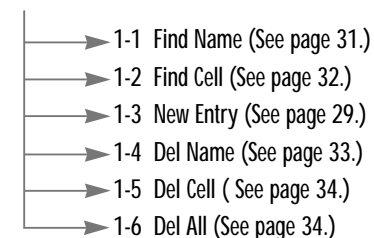
2. Call Log (See page 35.)

3. Greeting (See page 38.)

4. Barring (See page 39.)

5. Ring

6. Time

7. Setting*

8. System

9. Base

* The sub-options of this menu may differ depending on your country.

Phonebook

The Phonebook allows you to store frequently used phone numbers and their associated names in your personal directory so that you can easily make a call without having to remember or enter the phone number. You can store up to 80 phone numbers (01~80).

Storing Phone Numbers and Names in the Phonebook

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. When **Phonebook** is selected, press the ⊛ button.

3. Press the ▲ (or ▼) button repeatedly to scroll to **New Entry**, then press the ⊛ button.

    Result : **Tel:** is displayed on the LCD.

4. Enter the desired number (up to 24 digits), then press the ⊛ button.

    Result : **Name:** is displayed on the LCD.

5. Enter the name (up to 10 digits) for the number and press the ⊛ button. Refer to 'Entering a Name' on next page.

Note: If you make a mistake while entering a name/number or if you want to edit a name/number, press the ⊛ button. Each time you press the button, the last letter/digit is cleared. To clear all letters/digits, press and hold the ⊛ button. Then enter the correct name/number.

6. The first available memory address that the number can be saved to will blink. If you want to find another memory address, enter the desired address number.

7. Press the ⊛ button to save the setting.

Note: If you select a cell in which already has a number stored, you are asked if you want to replace the address with the newly entered number. If you do, press the ⊛ button. If not, press and hold the ⊛ button and start it over.

Entering a Name

1. Press the key labelled with the required letter:
   - Once for the first letter
   - Twice for the selected letter
   - And so on

   The following characters are available:

Key	Characters in the Order Displayed
1	? ! ¿ i & - * + / % 1 _
2	A B C a b c Ä Å á â ä à å ç 2
3	D E F d e f É é ê ë è 3
4	G H I g h i í ï î ì 4
5	J K L j k l 5
6	M N O m n o Ñ ñ Ö ô ö ò 6
7	P Q R S p q r s 7
8	T U V t u v Ü ü û ù 8
9	W X Y Z w x y z ÿ 9
0	" ' , . : ; < > ( ) - 0

2. Select the other letters in the same way. The cursor moves to the right when you press a different key.

   When entering the same letter twice (or a different letter on the same key), move the cursor to the right by using the ▼ button, and then select the next letter.

   To clear the letter, press the ⌫ button.

Recalling a Number from Phonebook

If you do not remember which telephone numbers have been stored in the various memory cells, you can scan through the memory until you find the one you are looking for.

Note: If you try to recall a number without storing the numbers in the Phonebook, the message **Phone Book empty** is displayed.

By Name

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. When **Phonebook** is selected, press the ⊙ button.

3. When **Find Name** appears with the > mark, press the ⊙ button.

   Result : **Name:** is displayed on the LCD.

4. Enter all or part of the name by using the number key marked with the desired letter.

   Example: Enter **A** to find all names beginning with the letter A.

5. Press the ⊙ button. The first name is displayed with the memory cell number and the telephone number.

   If the number overflows the LCD window, the → mark is displayed at the right side of the number and the remaining digits are displayed after 5 seconds.

Note: If the message **Data is Not Found** is displayed, the name matching the request is not in the memory.

6. If the name shown is not the desired one, use the ▲ (or ▼) button to scroll through the stored names.

7. If you want to call the displayed number, press the ✆ button.

By Cell Number

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. When **Phonebook** is selected, press the ⊙ button.

3. Press the ▲ (or ▼) button to scroll to **Find Cell**, then press the ⊙ button.

   Result : **Cell: [_]** is displayed on the LCD.

4. Enter the desired cell number, then press the ⊙ button.

   Result : The phone number and associated name (if any) are displayed.

   If the number overflows the LCD window, the → mark is displayed at the right side of the number and the remaining digits are displayed after 5 seconds.

Note: If the selected cell is empty, **Data is Not Found** is displayed. Then the display shows the first available cell number in which a phone number is stored.

5. Use the ▲ (or ▼) button to display the next or the previous memory cell.

6. If you want to call the displayed number, press the ✆ button.

Deleting Number(s) from the Phonebook

By Name

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. When **Phonebook** is selected, press the ⊙ button.

3. Press the ▲ (or ▼) button to scroll to **Del Name**, then press the ⊙ button.

   Result : **Name:** is displayed on the LCD.

4. Enter all or part of the name by using the number key marked with the desired letter.

   Example: Enter **A** to find all names beginning with the letter A.

5. Press the ⊙ button.

   Result : The first name is displayed with the memory address number and the telephone number.

Note : If the message **Data is Not Found** is displayed, the name matching the request is not in the memory.

6. If the name shown is not the desired one, use the ▲ (or ▼) button to scroll through the stored names. Then press the ⊙ button.

   Result : **Delete?** is displayed on the LCD.

7. Press the ⊙ button to confirm the deletion.

By Address Number

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. When **Phonebook** is selected, press the ⬭ button.

3. Press the ▲ (or ▼) button to scroll to **Del Cell**, then press the ⬭ button.

   Result : **Cell: [_]** is displayed on the LCD.

4. Enter the desired memory cell number, then press the ⬭ button. The phone number and associated name (if any) are displayed.

Note: If the selected cell is empty, **Data is Not Found** is displayed. Then the display shows the first available cell number in which a phone number is stored.

5. Use the ▲ (or ▼) button to display the next or the previous memory cell.

6. If you want to delete the number, press the ⬭ button.

   Result : **Delete?** is displayed.

7. Press the ⬭ button to confirm the deletion.

Deleting All Number

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. When **Phonebook** is selected, press the ⬭ button.

3. Press the ▲ (or ▼) button to scroll to **Del All**, then press the ⬭ button.

   Result : **All Clear. Proceed?** is displayed on the LCD.

4. Press the ⬭ button to confirm the deletion.

Call Log

This facility is only available if connected to your Service Providers network service. When you receive a call, the caller's phone number is shown on your phone's display, if it is available from the network on which the call was made. The last 20 numbers received are stored in your phone and you can view the list and dial the numbers.

Viewing and Dialling the Received Numbers

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **CallLog** , then press the ⬭ button.

   Result : The LCD window shows the last caller's number, and the date and time when the call was received, if the necessary information was transmitted from the caller's telephone network.

   If the cell number blinks, it means you missed the call.

   If the number overflows the LCD window, the → mark is displayed at the right side of the number and the remaining digits are displayed after 5 seconds.

Note: If there is no number received, **Call Log Empty** is displayed.

3. Scroll the memory by using the ▲ (or ▼) button or press the keys corresponding to the desired cell number.

4. If you want to dial the selected number, press the ✆ button.

Saving the Received Numbers in Phonebook

When viewing received numbers, you can save the selected number in your Phonebook memory. Take the following steps:

1. Press the ⌾ button.

2. Press the ▲ (or ▼) button to scroll to **Save Book**, then press the ⌾ button.

3. Enter the name (up to 10 digits) for the number and press the ⌾ button. Refer to 'Entering a Name' on page 30.

4. Enter the desired memory cell number and press the ⌾ button.

Deleting the Received Numbers

You can delete the numbers in your call log by two ways; deleting the selected number or all numbers at one time.

To delete the selected number

1.When viewing received numbers, press the ⌾ button.

2. When **Delete** appears with the < mark, press the ⌾ button.

3. Press the ⌾ button to delete the number.

To delete all numbers in Call Log

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **System**, then press the ⌾ button.

   Result : You are asked to enter the PIN code. It is preset to "0000" at the factory.

3. Enter the PIN code, and press the ⌾ button.

4. Press the ▲ (or ▼) button to scroll to **CallLogClr**, press the ⌾ button.

   Result : You are asked to confirm the deletion.

5. Press the ⌾ button to delete the numbers.

Greeting Message

This option allows you to enter a greeting message that will be displayed when your phone is in the Standby mode. You can change the greeting message according to your own preference.

Writing Greeting Message

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Greeting**, then press the ⊙ button.

   Result : The cursor will blink. If you have already registered a greeting message, the message is displayed.

3. Enter your personal greeting by pressing the alphanumeric keys on the number keypad. A maximum of 24 digits can be entered. Refer to 'Entering a Name' on page 30.

Note: If necessary, use the ⊙ button to erase the current greeting message.

4. Press the ⊙ button to save the setting.

Note: If you want to restore the default greeting message, **SAMSUNG**, erase all the existing messages by pressing and holding down the ⊙ button and then pressing the ⊙ button.

Barring

It is possible to set the phone to restrict numbers that can be dialled. The phone cannot dial a phone number beginning with the numbers that you have specified. You can set up to 4 different restricted numbers containing up to 4 digits each.

Once you set the call barring number, the handset requires the PIN code when the restricted number is dialled. If you fail to enter the correct PIN code three times successively, your phone returns to the Standby mode. If you enter the correct PIN, you can make calls.

Setting Call Barring Numbers

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Barring**, then press the ⊙ button.

   Result : You are asked to enter the PIN code. It is preset to '0000'.

3. Enter the PIN code, and press the ⊙ button.

   Result : The first block cell, containing a restricted number appears, if any.

4. If you want to choose another block cell, select the desired cell by using the ▲ (or ▼) button. Press the ⊙ button.

   Result : **Edit Bar Block [x]** is displayed (where 'x' designates the block cell number).

5. If necessary, delete the current number by pressing the ⊙ button. Enter up to a 4-digit number by using numeric keys that you want to restrict, then press the ⊙ button.

6. If you want to block another number, repeat steps 3 through 6. If you want to exit the Barring menu, press and hold down the ⊙ button about 3 seconds.

Ring

You can use the Ring menu to customise the sound settings such as ring volume and type. For the details about the ring volume, see page 20.

Selecting Ring Type

You can select your own ringing sound. 10 ring types are available.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Ring**, then press the button.

3. Press the ▲ (or ▼) button to scroll to **Ring Type**, press the button.

4. Press the ▲ (or ▼) button repeatedly to choose the ring type you want.

   Result : Each time you press the ▲ (or ▼) , the handset sounds the ring you have chosen.

5. Press the button to save the setting.

Time

Call Time

If you turn this feature on, the handset automatically times the call duration. The handset displays the call duration both during a call and for 7 seconds after the call is completed. The feature is preset to ON.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Time**, then press the button.

3. When **Call Time** appears with the > mark, press the button.

   Result : The current setting is displayed; **ON** or **OFF**.

4. Press the ▲ (or ▼) button to change the setting.

5. Press the button to save the setting.

Ring Delay

If you activate the Ring Delay Time, your handset will not ring for a specified delay time while other handsets are ringing. If you wish, you can answer the call within the delay time on your handset.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Time**, then press the button.

3. Press the ▲ (or ▼) button to scroll to **Ring Delay**, then press the 🔘 button.

   Result : The current setting is displayed.

4. Press the ▲ (or ▼) button to select the ring delay time.

   The ▲ button increases the value and the ▼ button decreases by 5 increments. Selecting **OFF** deactivates the feature.

5. Press the 🔘 button to save the setting.

Setting

Many different features of your phone can be customised to suit your preferences. All of these features are accessed via the Setting menu. For details on setting Dial mode, see page 13.

Key Beep

You can set your handset not to sound the key tone each time you press a key.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Setting**, then press the 🔘 button.

3. Press the ▲ (or ▼) button to scroll to **Key Beep**, press the 🔘 button.

   Result : The current setting is displayed; **ON** or **OFF**.

4. Press the ▲ (or ▼) button to change the setting.

5. Press the 🔘 button to save the setting.

Back Light

You can select whether or not the phone uses the backlight. If you turn this feature on, the backlight comes on when you press a key or receive a call and switches off 10 seconds after the last button is pressed.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Setting**, then press the 🔘 button.

3. Press the ▲ (or ▼) button to scroll to **Back Light**, press the 👁️ button.

   Result : The current setting is displayed; **ON** or **OFF**.

4. Press the ▲ (or ▼) button to change the setting.

5. Press the 👁️ button to save the setting.

Base Number Display

This feature allows the phone to display the base number currently in use on the Standby mode. The feature is preset to 'ON' at the factory.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Setting**, then press the 👁️ button.

3. Press the ▲ (or ▼) button to scroll to **Base Number**, press the 👁️ button.

   Result : The current setting is displayed; **ON** or **OFF**.

4. Press the ▲ (or ▼) button to change the setting.

5. Press the 👁️ button to save the setting.

Language Selection

You can select a display language from the different available languages.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Setting**, then press the 👁️ button.

3. Press the ▲ (or ▼) button to scroll to **Language**, press the 👁️ button.

   Result : The current language is displayed.

4. Press the ▲ (or ▼) button to select the desired language.

5. Press the 👁️ button to save the setting.

Changing Flash Time

This feature allows you to change the flash time.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Setting**, then press the 👁️ button.

3. Press the ▲ (or ▼) button to scroll to **Flash Time**, press the 👁️ button.

   Result : The current setting is displayed; **FLASH** or **LONGER FLASH**.

4. Press the ▲ (or ▼) button to change the setting.

5. Press the 👁️ button to save the setting.

Note: It may not be available depending on your country.

System

Using the System menu, you can register or remove a handset and reset the handset to its default configuration. You can also clear the Redial memory and Call log. For details on clearing the redial memory and the call log, see page 16 and 37 respectively.

To access the System menu, the PIN is required. The PIN is preset to '0000' at the factory.

Registering a New Handset

The handset supplied with the base unit is already registered as handset 1. Each additional handset you purchase must be registered to the base unit.

Note : A base can be registered with up to 6 handsets.

1. Press and hold the Page button on the base for more than 2 seconds. The lower lamp on the base blinks.

2. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

3. Press the ▲ (or ▼) button repeatedly to scroll to **System**, then press the ⬭ button.

   Result : You are asked to enter the PIN code. It is preset to '0000' at the factory.

4. Enter the PIN code, then press the ⬭ button.

5. Press the ⬭ button when **RegisterHS** is selected.

6. Select the base number using the ▲ (or ▼) button, and press the ⬭ button.

   Result : **Please Wait** appears briefly, then the LCD window displays the ID of the base unit.

7. Press the ⬭ button when the value of PARI appears.

8. Enter **9234**, the Authentication Code (AC), which is preset at the factory, and press the ⬭ button.

   Result : When the registration is properly completed, the handset returns to the Standby mode with a beep and displays the base number and the handset number.

Removing a Handset

This feature allows you to release the registered handset from the base.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **System**, then press the ⬭ button.

3. Enter the PIN code, and press the ⬭ button.

   Result : You are asked to enter the PIN code. It is preset to '0000' at the factory.

4. Press the ▲ (or ▼) button to scroll to **Remove HS**, and press the ⬭ button.

   Result : The LCD window displays the number of the currently used base.

5. Press the ⬭ button to release the handset from the base.

   Result : The handset will be removed from the base. The LCD window displays **Fail to Register**.

Resetting a Handset

If you reset the handset, all numbers stored in your phone memory are cleared, and all the user-selectable features including Phonebook, incoming and outgoing call logs return to the manufacturer's default status as shown below:

- Voice Volume : Level 5
- Ring Level : Level 3
- Ring Type : Type 1
- Key Beep : ON
- Auto Search : OFF
- PIN code : 0000

- Backlight : ON
- Ring Delay : OFF
- Call Time display : ON
- Base Number display : ON
- No number barred
- Greeting Message : SAMSUNG

Note : The Dial type will not change even after resetting the handset.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **System**, then press the button.

    Result : You are asked to enter the PIN code. It is preset to '0000' at the factory.

3. Enter the PIN code, then press the button.

4. Press the ▲ (or ▼) button repeatedly to scroll to **H/S Reset**, and press the button.

    Result : You are asked to confirm that you want to reset the handset.

5. Press the button to confirm.

Changing PIN

The PIN (Personal Identification Number) is required for some menu options. The PIN is preset to '0000' at the factory. You can change the PIN code.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **System**, then press the button.

    Result : You are asked to enter the PIN code. It is preset to '0000' at the factory.

3. Enter the PIN code, then press the button.

4. Press the ▲ (or ▼) button repeatedly to to scroll to **PIN Change**, and press the button.

    Result : **New PIN [_]** is displayed.

5. Enter a new PIN code, and press the button. The LCD window does not display the PIN code you entered for security.

Note : The PIN code must be 4 digits. If you make a mistake, you can correct the number by using the button.

6. Enter the new PIN code again to confirm the number, and press the button.

Note : If you change the PIN code and then forget it, you have to contact the service representative.

Base

The handset can be used with up to four base units. To use the handset with more than one base unit, you must register the handset to each base unit. Refer to 'Registering a New Handset' on page 46.

Selecting Base Manually

You can select a base unit through which you want your handset to operate.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Base**, then press the ⬭ button.

3. When **Select** is selected, press the ⬭ button.

   Result : The base to which your handset is registered is displayed on the LCD.

4. Press the ▲ (or ▼) button repeatedly to select the desired base unit.

5. Press the ⬭ button to save the selection.

Finding Base Automatically

With the 'Auto Find' feature set to ON, if you are moving around, and lose contact with the base unit, the handset will automatically find the first available base unit. The feature is preset to OFF.

1. In the Standby mode, press the ▲ (or ▼) button to access the Main Menu mode.

2. Press the ▲ (or ▼) button repeatedly to scroll to **Base**, then press the ⬭ button.

3. Press the ▲ (or ▼) button to scroll to **Auto Find**, then press the the ⬭ button.

   Result : The current setting is displayed; **ON** or **OFF**.

4. Press the ▲ (or ▼) button to change the setting.

5. Press the ⬭ button to save the setting.

Troubleshooting

Symptom	Check
No operation	• Check that the power adapter is properly connected. • Check that the telephone line cord is properly connected. • Check that the handset is fully charged. • Check that the handset batteries are installed properly.
No dial tone	• Check that the telephone line cord is properly connected. • Check that the power adapter is properly connected.
Warning beep occurs when making a call.	• Check that the handset is not too far from the base. • Check that the handset batteries are not in low status.
The handset seems to have very short battery life.	• Clean the charging points. • Consistently short battery life may indicate that replacement of the batteries is necessary.

Specifications

Frequency Range	1.88~1.90 GHz
Channels	120 Duplex channels
Carrier Power	≤ 250 mW (24 dBm)
Modulation	GFSK
Frequency Stability	≤ ± 50 kHz
Operation Time	Standby mode: 80 hours Talk mode: 11 hours Charging time: 10 hours
Ambient temperature	Normal : 15 °C ~ 35 °C Extreme: -10 °C ~ 40 °C
Humidity	5 % ~ 90 %
Weight	Baseset: 125 g Handset: 84 g
Dimensions	Baseset: 63.8 x 80.8 x 129.1 mm (HWD) Handset:26.1 x 43.6 x 112 mm (HWD)
Power Supply	Baseset Input: DC 5 V, 300 mA DC 5 V, 150 mA Handset Input: 2.4 V, 700 mA Adaptor Input: 230 V AC, 50 Hz 75 mA
Compliance	CTR 06 CTR 10 TBR 21 TBR 22 EMC LVD