

**DP29**  
**USER' S MANUAL**

## **Congratulations**

on purchasing our high quality product.

Please read the manual carefully to find out all features and how your telephone works, so you can get the best out of your new phone.

## **Safety Precautions**

To reduce the risk of electrical shock and injury, please follow these basic safety precautions before using the phone.

1. Carefully read and observe the instructions in this manual.
2. Follow all warnings marked on the unit.
3. When cleaning, unplug the phone first, then use a damp cloth to wipe. Do not use liquid or aerosol cleaners.
4. Do not place objects on the line cord that may cause damage.
5. Do not use this phone in wet surroundings or environments where there is a risk of explosion.
6. Avoid spilling of any liquid on the phone.
7. Unplug this phone from the wall outlet and refer servicing to qualified service personnel only.
8. Pay attention to the polarity of the batteries, insert the rechargeable batteries in accordance with polarity symbols (this instruction is found in the installing batteries section.)
9. Use only the batteries indicated in the User's Manual. Never use other ordinary batteries or conventional alkaline batteries. Otherwise this may not only cause personal injuries but also damage to the unit.
10. Do not mix exhausted batteries with full batteries. Exhausted batteries shall not be disposed of with the usual household waste or in a fire.
11. If the handset will not be used for a long period of time, remove the batteries to prevent possible leakage.
12. Use only the power supply indicated in the User's Manual.
13. Keep the phone out of the reach of children.
14. Use the phone only in the described manner.
15. Stop using the phone if it becomes damaged.

## **Unpacking**

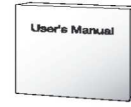
Once you have unpacked your phone, make sure that all the parts shown below are available. If any pieces are missing or broken, please promptly call your dealer.



Base



Handset



User's manual



3 AAA Ni-MH batteries



Adapter\*

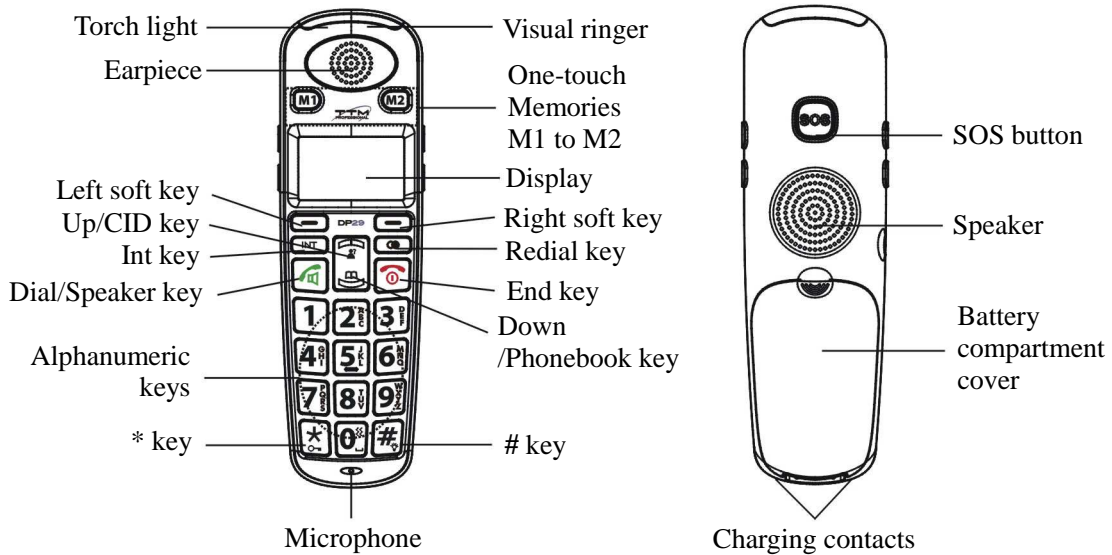


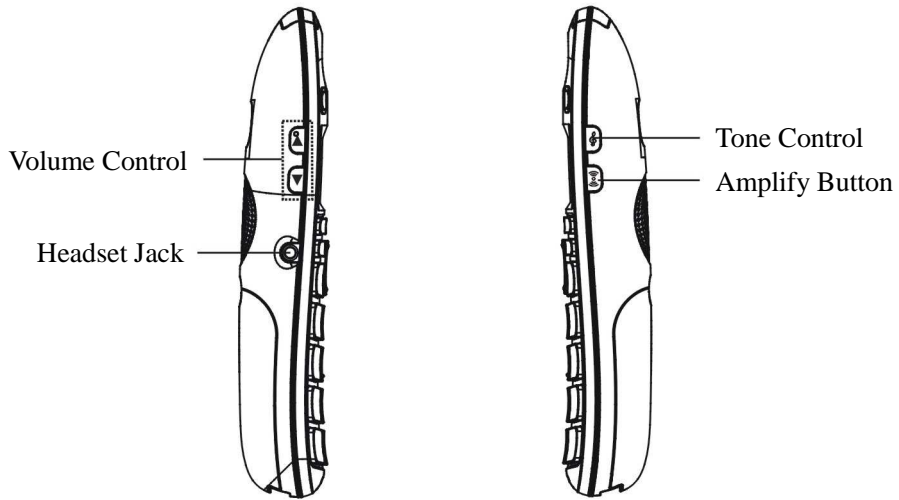
Line cord\*

\*The shape of the plugs can vary according to each country's specification.

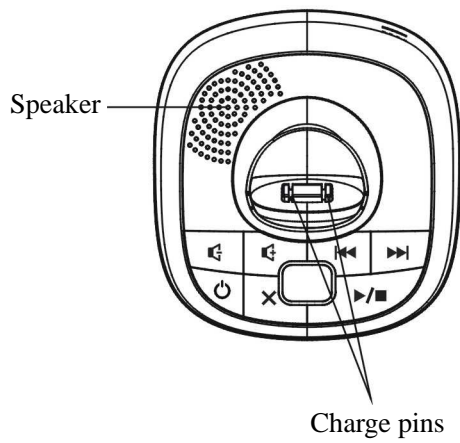
## Phone Layout and Keys Function

### Handset

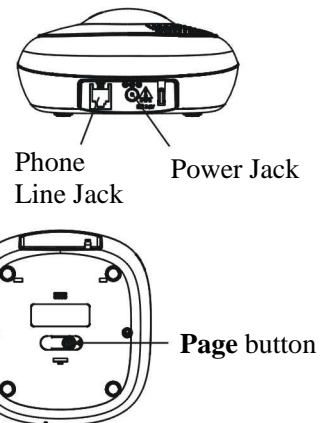




## Base



## Rear View



## Keys Description

### Handset



### **Dial/Speaker key**

Make/Answer a call.

Activates the speakerphone if pressed during a call.



### **End/Power key**

End a call.

Long press to activate power on/off, as described in par. **Turning Handset On/Off**.



### **Navigation key:**

#### **Up/CID key**

Scroll up through lists and menu options.

Increase the earpiece/speakerphone volume during a call.

Enter the CID book, as described in par. **CID Book**.

#### **Down/Phonebook key**

Scroll down through lists and menu options.

Decrease the earpiece/speakerphone volume during a call.

Enter the Phonebook, as described in par. **Phone Book**.

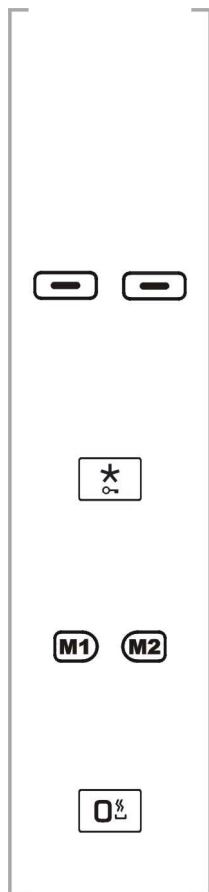


#### **INT key**

Set up an internal call to another handset.

Transfer an incoming call to another handset.

Set up a conference call with an external line and an internal handset.



 **Redial key**

Enter the redial book, as described in par. **Last Number Redial**.  
Insert a pause when pre-dialing a number.

**Left/Right soft key**

Perform the functions indicated by the text immediately over it (on the bottom line of the display) which changes time by time.


**Star key**

Press and hold to turn on/off keypad lock function.  
Set up a conference call, as described in page 40.

**One-touch memories**

You can store 3 numbers in One-touch memories (M1, M2 and SOS).

**0 key**

In standby mode press and hold this key until the  icon appears to activate the shaker and visual ringer function. Press and hold this key again until the icon disappears to deactivate it.

**Base**



**Answer on/off key**

Press to turn on or off the answer-record feature and the phone announces "Answer on" or "Answer off".

**Play/Stop key**

Press to start or stop the message or Memo playing.

**Del key**

When playing an ICM (incoming message), press and hold to delete the current message.

In the active mode (all lights on) press and hold this key to delete all the messages.











**Repeat/Skip key**

Press to play the current or next message. (Press the Repeat key twice to play the previous message.)

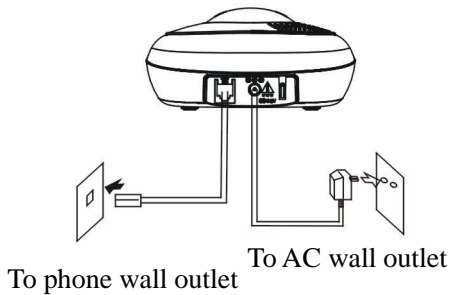
**Volume up/down key**

When playing announcement or messages, press to increase or decrease the relevant volume.

## LCD Window Icons Description

	<b>New Call</b> Indicates you have missed one or more calls.
	<b>MSG Waiting</b> Indicates you have one or more voice messages.
	<b>Off Hook</b> Indicates the line is engaged.
	<b>Hands-free</b> Indicates the handsfree function is enabled.
	<b>Battery Icon</b> Indicates battery charge level.
	<b>Shaker Icon</b> Indicates the shaker and visual ringer is enabled.
	<b>Signal Icon</b> Indicates whether the current signal exists or not. If the handset is too far from the base, this icon will blink on the LCD.
	<b>Alarm Icon</b> This icon appears when you set an alarm to ring at a specified time.
	<b>Keypad Lock</b> This icon appears when the keypad is locked.
	<b>ICM Icon</b> This icon appears when you have new message(s).

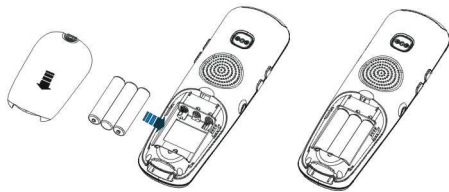
## Connecting Lines



1. Connect one end of the phone line cord to the phone line jack of the base, and the other end to a standard phone wall outlet.

2. Connect the modular end of the AC power adapter to the power jack of the base, then plug the AC adapter into a standard AC wall outlet.

## Installing Batteries



The rechargeable Ni-MH batteries (AAA size, 1.2V, 600mAh) come with your phone. Install the batteries before use.

1. Slide the battery cover in the direction of the arrow and pull it out.

2. Insert new batteries as indicated, matching correct polarity (+,-).



3. To replace the battery cover, slide the cover up until it snaps in place.

### **Notes:**

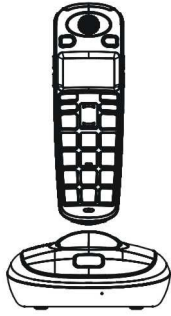
*Reversing the orientation may damage the handset.*

*The batteries need to be replaced if they do not recover their full storage capacities after recharging.*

*When replacing the batteries, always use good quality Ni-MH re-chargeable batteries. Never use other batteries or conventional alkaline batteries.*



## Charging Handset

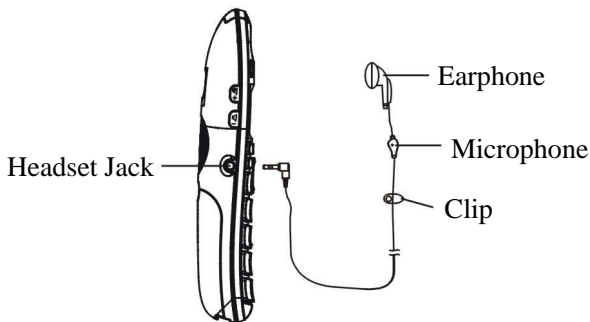


***! Important Note: Before initial operation, YOU SHOULD FULLY CHARGE THE HANDSET for about 15 hours.***

To charge the handset, you should place it on the base.

***Result:*** When you place the handset on the base, the handset automatically turns on.

## Using Headset (optional)




The headset jack is located in the left side of the handset and is 2.5mm standard plug. Simply plug the headset into this jack and the headset will be activated.

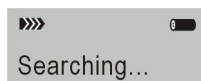
***Note:***

*When the headset is plugged into the headset jack, the microphone on the handset will be deactivated.*

## Turning Handset On/Off

If the handset is in power off mode, when you place the handset on the base, it automatically turns on. To turn the handset on or off in standby mode, follow these steps:

1. To turn on the handset when it's off, press and hold the  key until you switch the display on. On power up, the handset will enter subscription mode and search for a registered base. A message as shown below will be displayed to the user, and the signal icon will flash.



2. To turn off the handset, keep the  key pressed until the display disappears.

If the handset is successful in finding a base, the handset will enter the standby mode, the display will show handset number and the handset name (if you have one saved as described on par. **HS Name**), signal icon, battery icon and current time. If the handset is unsuccessful in finding a base, the handset will behave according to the Out of Range condition.


**Note:**


*When battery power is very low, if you place the handset on the base, the display will show as below. **YOU SHOULD FULLY CHARGE THE HANDSET BEFORE USING***

Charging...

## Basic Functions

### Making a Call

1. Pick up the handset and press the  key.

Result: The  icon appears on the LCD.

2. Dial a telephone number.

**Note:**


*You can store up to 10 telephone numbers in memory for automatic dialing.*

3. To end the call, either press the  key or replace the handset on the base.

**Note:**


*To make a call to the last number you dialed, use the Redial feature. For details, see par. **Last Number Redial**.*

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


1. Enter a telephone number (up to 32 digits). Check it. You can also use the  key to insert a pause.


**Note:**

*If you make a mistake while entering a number, press the **Erase** soft key to clear the last digit.*

2. When the number appears correctly, press the  key.

## Receiving a Call



When a new call is received, the call information will appear. If the caller can be identified, the caller's phone number is displayed. If the caller cannot be identified, only the **New Call** information displays. If you have a voice message, the  icon and "MSG WTG ON" will be shown on the LCD.





1. To answer the call, press the  key. If you have activated the Auto Answer function, when the handset is on the base, simply lift it up to answer.

2. To end the call, either press the  key or replace the handset on the base.

*Result:* After you hang up the call, the LCD displays the call duration.

### Notes:

You can select the ringer volume by using  or  key when the phone rings with an incoming call.

If you want to deactivate the  icon, press the  key in standby mode, then press and hold the  key. After that, press the  key to return to standby mode. (The handset must be registered to the base.)

If the polyphonic ring tone is set, the ring tone may continue for 4 seconds after the caller's hang-up or after the parallel phone had answered the call.

## Muting the Microphone



During a conversation, you can temporarily switch your phone's microphone off, so that the other party cannot hear you.



**Example:** You want to say something to another person in the room but do not want the other party to hear you.



To mute your microphone, press the **Mute** soft key during the conversation. The "**Call Muted**" appears on the LCD.

To unmute the microphone, press the **Mute** soft key again. You will restore the normal condition.

## Amplification Function

Your phone is equipped with a specialized amplification function designed to fit your needs. During a conversation you can adjust the  or  control on the left side of the handset and








use the  key on the right side. You can also adjust the  control to fit the levels to your hearing requirements. The selected volume will be displayed on the LCD.

When you press the  key in receiver mode during a conversation, the Amplify indicator on the handset lights on. If you press the  key again, the indicator will go out.

You can also select the earpiece volume or the speaker volume by the **Audio Setup** in Menu under HS Settings, as described in par. **HS Settings**.

## Ringer Setting

You can select your own external (from the telephone Network) or internal (from other handsets registered to the same base) ring tone and adjust the volume.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings** menu, then press the **Select** soft key.
3. Press  or  key to choose **Ring Setup**, press the **Select** soft key.
4. Press the **Select** soft key to choose **INT Ring** or press the  key to choose **EXT Ring**, press the **Select** soft key.
5. Press  or  key to choose **Melody** or **Volume**, press the **Select** soft key.

*Result: You can select the ring tone from Melody 1 to 10 or adjust the volume from Volume 1 to 5, or off. When you adjust the ring tone or volume, the phone plays the selected melody or sounds the selected loudness.*

6. Press the **Save** soft key to confirm.


### **Note:**

*If you set the volume to "Off", when a call comes in, only the New Call information appears on the LCD.*

## Last Number Redial




1. Press the  key or the **Redial** soft key in standby mode. in standby mode.

*Result: The LCD displays the last number you dialed.*

2. Press the  key to dial out the number.

Your phone allows you to retrieve the last 10 numbers you have dialed and recall them quickly.

## Search for and dial a number in Redial Book

1. Press the Redial soft key in standby mode.
2. If you want to scroll through the memory, press  or  key repeatedly until you find out the number you want to dial.
3. Press the  key to dial out the number.



### *Notes:*

*If no numbers are found, "Empty" is displayed.*

*When the redial book is full, each time you dial a new number, the oldest number stored in the redial book is automatically erased.*

## Use Redial Book options


Using the redial book options, you can add a number to phone book or delete a number in the redial book.

1. Press the **Redial** soft key.
2. Scroll to the desired number by using the  or  key.
3. When the number appears on the display, press the **More** soft key to choose the desired option:

**Add to PB:** allows you to add the number to the phone book. Complete storing the entry by starting from step 4 described in par."Adding the Phone Book Entries" (obviously, you will find the number already entered in the appropriate field).

**Delete:** allows you to delete the selected number.

**Delete All:** allows you to delete the whole redial book.



4. To return to standby mode, press the  key.

### *Note:*

*At step 3, when you select **Delete** or **Delete All** options, a message "Confirm ?" will further ask you to confirm the deletion. To confirm press the **Del** or **Del All** soft key, to escape press the **Cancel** soft key.*

## CID Book





When you receive a call, if the caller's information is transmitted from the network on which the call was made (and the caller doesn't hide it), the caller's phone number is displayed.

Moreover, if you missed one or more calls, the  icon will appear on the LCD. If the CID memory is full, the  icon will flash on the LCD.



**Out Of Area** - This message will display when someone calls from an area where the telephone company is not offering the caller identification services or is not yet providing number delivery to your area.

**Private** - If the caller has exercised the option to prevent his name and number from being sent, the message will show on the LCD.



### **View and dial any of the CID numbers**

1. Press the **Menu** soft key.
2. Use the **Select** soft key to choose the CID Book, and if available, the numbers are displayed. (You can also access the CID book directly by pressing the  key in standby mode.)
3. Use  or  key to view the numbers, you can make a call by a press of the  key. You can also add the entry to the phonebook.





**Note:**

*At step 3, each item of the incoming list is marked with the  icon if the call has been reviewed or with the  icon if the call hasn't been reviewed yet.*



### **Add CID Number to Phone Book**

1. Press the **Menu** soft key.
2. Use the **Select** soft key to choose the **CID Book**.
3. Use  or  key to view the numbers, when the desired number displays on the LCD, press the **More** soft key to enter **Add to PB** menu.
4. Press the **Select** soft key, you are prompted to enter the name.
5. Enter the name and press the **Next** soft key, then you can modify the number you want to store.
6. Press the **Next** soft key, you are able to select the ring tone from Melody 1 to Melody 10, press the **Save** soft key to confirm and exit, you will hear a confirm beep.

### **Delete a number in the CID Book**

1. Press the **Menu** soft key.
2. Use the **Select** soft key to choose the **CID Book**.
3. Scroll to the number you want to delete by using  or  key.
4. When the desired number appears on the display, press the **More** soft key.
5. Use  or  key to choose **Delete**, press the **Select** soft key. The display will show "**Confirm ?**". Press the **Del** soft key to confirm, you will hear a beep and the LCD shows the next number.


## Delete all numbers in the CID Book


1. Press the **Menu** soft key.
2. Use the **Select** soft key to choose the **CID Book**.
3. Press the **More** soft key and use the  or  key to choose **Delete All** menu, then press the **Select** soft key.
4. The display shows "**Confirm ?**", press the **Del All** soft key to confirm.

*Result: You hear a beep and the phone returns to the standby mode after clearing all the CID numbers.*


## Torch



If you turn this feature on, the visual ringer will light steadily. You can use the phone as a torch.



To turn on this feature, in the Standby mode just keep the  key pressed till the visual ringer light.

To turn off this function, keep the  key pressed again till the visual ringer go out.

## Key Lock

If you turn on this feature, all keys will be locked except **M1**, **M2** and **SOS**. You can answer calls by using the  key. But when you hang up, the phone returns to the locked mode. This feature is useful to avoid pressing keys by mistake.

To lock the keys, in the standby mode just keep the  key pressed till the display shows "**HS Locked**" and the  icon.







To unlock the keys, keep the  key pressed again till the key lock icon  disappears from the display.

**Note:**

*In locked mode, if you press any key, the phone will generate a warning tone, and the " **HS Locked**" message will be redisplayed.*





## Selecting a Language

The handset supports up to 9 predefined languages: English, French, Spanish, German, Italian, Dutch, Swedish, Russian and Portuguese. You can change the language used to display the menu messages.

1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** soft key.
3. Use  or  key to choose **Language**, then press the **Select** soft key.
4. The languages will be displayed. Use the  or  key to scroll through the options. Each language will be displayed in its own native translation.
5. Press **Save** soft key to select the required language and you will hear a confirm beep.





## HS Name

Using this feature, you can define a name of the handset in order to easily recognize your handset if you have more than one registered to the same base. But when you reset the handset, the handset name will be deleted.



1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** soft key.
3. Use  or  key to choose **HS Name**, then press the **Select** soft key.
4. You can enter the handset name (up to 12 characters) by using the alphanumeric keys (use the **Erase** soft key to delete the incorrect characters), then press the **Save** soft key to confirm and exit. The handset name will be displayed above your handset number in standby mode.

## Auto Answer

With this feature, you can answer a call by just picking up the handset from the base without pressing any key.








1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** key.
3. Use  or  key to choose **Auto Answer**, then press the **Select** soft key.



4. Use the  or  key to choose **On/Off** to enable/ disable the function, then press the **Save** soft key, you will hear a confirm beep.


## Range Alarm


A beep will sound when the handset is out of range of the Base. You are able to select to enable/disable this audible warning.

1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** soft key.
3. Use  or  key to choose **Tone Setup**, then press the **Select** soft key.
4. Press the  key to choose **Range Alarm**, then press the **Select** soft key.
5. Use  or  key to choose **On/Off** to enable/disable this audible warning, then press the **Save** soft key, you will hear a confirm beep.


## Paging

You can page the handset from the base unit making it ring with a special tone. It's useful to locate a lost handset.

Press the  key on the bottom of the base (less than 5 seconds), all the handsets registered to the base will ring for about 60 seconds.






To stop paging, press the  key on the base again or any key on the handset.

### **Note:**

*On a long  key press, more than or equal to 5 seconds, the base will enter subscription mode. For details, see par. **Registration**.*

## Dial Mode

You can select to change the dial mode by the following steps:



1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **BS Settings**, and press the **Select** soft key.
3. Press the  key to choose **Dial Mode**, then press the **Select** soft key.
4. You can press  or  key to select the required dial mode options (**Tone/Pulse**) and press the **Save** soft key. A confirm beep will be heard.



### **Note:**

*If you are not sure which dialing mode should be selected, please contact your local service provider.*

## Handsfree

During a call, you may turn on the speakerphone built in the handset. In this mode you can simply put your handset on a surface (e.g. a desk) and enjoy the comfort of the handsfree conversation.

To turn the feature on, press the  key during a call (line engaged). The  icon appears on the LCD.

To turn the feature off, and keep on talking in normal mode, press the  key again. The  icon will disappear.

### *Notes:*

*Before putting the handset near your ears, be sure you have turned the speakerphone off.*

*To adjust the speakerphone volume, see par. **Adjusting Audio Volume**.*

## Flash Signal

When the line is engaged, pressing the **Flash** soft key sends the Flash signal. This key is used in conjunction with special services (e.g. call waiting) which can be available in your phone network. For further details please contact your network telephone company.

To use the said special services, just press the **Flash** soft key while the line is engaged: the display will show **R**.

# Advanced Functions

## Menu Map

### 1. CID Book

### 2. Phonebook

- New
- Edit
- Delete
- Delete All
- PB Status

### 3. BS Settings

- Terminate HS
- Dial Mode
- Flash Time
- Modify PIN
- BS Reset

### 4. HS Settings

- Alarm
- Audio Setup
- Ring Setup
- Tone Setup
- Language
- HS Name
- Auto Answer
- LCD Contrast
- Date & Time
- Select Base
- HS Reset

### 5. Registration

### 6. TAM

- Announce
- Message
- TAM Setting

## Phone Book




The phonebook built in your cordless phone allows you to store frequently used numbers so that you can easily make a call without having to remember or enter the phone number.

## Character Map

To enter a specific alphanumeric character, press one or more times the relevant key for the required character according to the following table: once for the first character, twice for the second and so on.

Key	Characters in the displayed order
0	(spc) 0 ? & / . , !
1	1 @ _ + - " ( ) %
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9

## Adding the Phone book Entries


1. Press the **Menu** soft key.
2. Press the  key to choose the **Phonebook**, press the **Select** soft key.
3. Press the **Select** soft key to choose **New**.
4. The display shows "**Name ?**". Enter the name you want to use, then press the **Next** soft key to confirm. The display shows "**Number ?**". Enter the desired number (up to 20 digits), press the **Next** soft key.
- 5.\*Use  or  key to select the ring you like to associate with the number, press the **Save** soft key to confirm.
6. Repeat if necessary.

\* If you want to set a VIP number, you should select a special ring tone for it. The ring tone should be different from the external ring you have set. You can set up to 9 VIP ring tones associate with 9 VIP numbers/groups.




### **Note:**

*If you make a mistake while entering a number, use the **Erase** soft key to correct it. Each time you press the key, the last digit is deleted. To clear all digits, press and hold the **Erase** key.*


## Using a Pause

A pause is useful when you access an interactive voice response system, such as an automated banking system. A pause provides a delay of 3 seconds. If you want to insert a pause when you dial a number in standby mode or store a number in memory, press the  key. The letter **P** will appear at the pause entry.







## Viewing the Phone book Entries

1. In the standby mode, press the  key.
2. Press  or  key repeatedly until the desired name is displayed.






## Dialing a Number from Phone book

Find out the number you want to dial. Refer to "Viewing the Phone book Entries". Then press the  key or **Dial** soft key.

## Editing the Phone book Entries

1. Press the **Menu** soft key.
2. Press the  key to choose the **Phonebook**, press the **Select** soft key.
3. Press the  key to choose **Edit** menu. Press the **Select** soft key.
4. Press  or  key repeatedly until the entry you want to edit displays, press the **Select** soft key to confirm.
5. If necessary, press the **Erase** soft key to clear the digit(s) then enter the desired name and number, press the **Next** soft key to save.
6. Use  or  key to select the ring you like to associate with the number, press the **Save** soft key to confirm.

## Deleting the Phone book Entries

1. Press the **Menu** soft key.
2. Press the  key to choose the **Phonebook**, press the **Select** soft key.
3. Press  or  key to choose **Delete**. Press the **Select** soft key.
4. Press  or  key repeatedly until the name you want to delete displays, then press the **Select** soft key. The display shows "**Confirm ?**". You can press the **Del** soft key to delete it or press the **Cancel** key to exit.
5. At step 3, if you choose **Delete All** menu and press the **Select** soft key, the display will show "**Confirm ?**". You can press the **Del All** soft key to delete all the entries or press the **Cancel** key to exit.

## PB Status



The PB Status shows the number of phone book entries already stored. When the **PB Status** shows on the LCD, press the **Select** soft key to enter it.

## One-Touch Memories




You can store up to 3 numbers in direct memories. All the numbers will be stored in the phone

book.

## Storing Memory Numbers

1. Press the memory key (M1 and M2, SOS) in standby mode.
2. The display shows "**Number ?**". Enter the desired number (up to 20 digits), press the **Next** soft key.
3. Use  or  key to select the ring you like to associate with the number, press the **Save** soft key to confirm.

## Viewing Memory Numbers

1. In the standby mode, press the  key.
2. Press  or  key repeatedly until the desired number is displayed.

## Dialing from One-touch Memories

In the standby mode, press M1, M2 or SOS to dial out the corresponding number.

## Editing Memory Numbers

Perform the steps of par. **Editing the Phone book Entries**.

### *Note:*

*The memory default names are M1, M2 and SOS, you can add a name after them but cannot delete the default name. e.g. you can modify M1 to M1: home.*



## Deleting Memory Numbers

Perform the steps of par. **Deleting the Phone book Entries**.



## BS Settings

### Terminate HS

This function allows you to delete a handset registration from the base.

1. Press the **Menu** soft key.
2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.
3. Press the **Select** soft key to choose the **Terminate HS** menu. The display shows "**PIN?**" to

prompt you to enter the PIN Code (The default PIN Code is "0000"). Then press the **OK** soft key.

4. Use  or  key to select a handset. If you select the current handset or a non-existent handset, a warning tone will be heard.

5. Press the **Select** soft key to confirm, and the selected handset will behave according to the unregistered condition.



## Flash Time

You can select to change the Flash time by the following steps:

1. Press the **Menu** soft key.

2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.

3. Use  or  key to choose **Flash Time** menu. Press the **Select** soft key.

4. The display shows the current setting. Use the  or  key to select **Flash-1** /**Flash-2**, press the **Save** soft key.

## Modify PIN

This function allows you to change the PIN number of the currently active Base. The default PIN is 0000.

1. Press the **Menu** soft key.

2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.

3. Use  or  key to choose **Modify PIN** menu, press the **Select** soft key.

4. The display shows "**PIN?**". Enter the current PIN, then press the **Next** key. If the old PIN code is validated, you will be prompted to enter a new PIN code. If the old PIN is not validated, a warning beep will sound and you will be returned to the **Modify PIN** menu.



5. Enter the new PIN, press the **Next** key. You will be requested to confirm the PIN code. Enter the new PIN again then press the **Save** soft key to confirm and exit.

## BS Reset

If you reset the base, all the features under **BS Settings** menu will be restored to the factory initial setting: Dial Mode and Flash Time.

1. Press the **Menu** soft key.

2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.

3. Press  or  key to choose **BS Reset** menu, press the **Select** soft key. You will be prompted to enter the PIN code.







4. Enter the PIN code (the default PIN is 0000), then press the **Reset** soft key. If the PIN code is validated all Base settings will be reset to the factory default, otherwise the settings will remain.

*Result: After resetting, the handset will return to standby mode.*

## HS Settings

### Setting Alarm


You are able to set the alarm on the handset and adjust the alarm settings.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press the **Select** soft key to choose **Alarm** menu.
4. The display shows the current set. Use the  or  key to select **On/Off**, press the **Select** soft key.
5. If you select **On**, the display indicates you to enter the time in **HH:MM** format. Use the numeric keypad to enter.
6. Press the **Next** soft key, a beep sounds and the display shows **Snooze On/Off**, you can press  or  key to enable or disable the snooze function on the alarm and press the **Save** soft key.
7. When the alarm sounds, press any key to switch it off.

#### **Notes:**

*At step 5 you need to enter the time in 24-Hour format.*

*If you press any key at the right time the alarm to ring, the alarm will be silent.*





*If you choose **Snooze On**, the alarm will ring at regular intervals of 11 minutes. If you press the  key when the alarm sounds, the option will be switched to **Snooze Off**.*

### Audio Setup

You can also use the menu to adjust the audio volume.







1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press the  key to choose **Audio Setup** menu, press the **Select** soft key.



4. Use  or  key to choose **Speaker V.** or **Earpiece V.**, press **Select** soft key.
5. The display shows the current setting. Use the  or  key to choose the volume level (Volume 1 -Volume 5), press the **Save** soft key.

## Key Tone

Every time you press a key, your handset acknowledges it with a key tone. You can disable the key tones for a silent use. In certain error conditions, a warning tone will sound when an incorrect key is pressed.








1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose **Tone Setup** menu, press the **Select** soft key.
4. Press the **Select** soft key again to choose **Key Tone**.
5. You can use  or  key to choose **On** or **Off** to enable or disable the function.
6. Press the **Save** soft key.

### *Note:*

*For normal use, we recommend you leave the key tone enabled. This makes the phone easier to use.*

## LCD Contrast Setting







The adjustment allows you to optimize the visibility of the display by changing its contrast according to the environment conditions.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key repeatedly to choose **LCD Contrast**, then press the **Select** soft key.
4. Use  or  key repeatedly to choose among the 17 available contrast levels, then press the **Save** soft key.
5. Press the  key to return to standby mode.







## Setting Date & Time

### 1. Date & Time Format

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.

3. Press  or  key to choose **Date & Time** menu, press the **Select** soft key.
4. Use  or  key to choose **Date Format** or **Time Format**, press the **Select** soft key.
5. You can use  or  key to choose the Date Format (**DD-MM/MM-DD**) or the Time Format (**12-Hour/24-Hour**), press the **Save** soft key to save.

## 2. Setting date & time







1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose **Date & Time** menu, press the **Select** soft key.
4. Press  or  key to choose **Set Date** or **Set Time** menu, press the **Select** soft key.
5. Enter the current date/time by numeric keypad and press the **Save** soft key to save and exit.

### **Notes:**

*If you select **12-Hour**, **AM/PM** will appear on the right of the time in standby mode.  
At step 5 you need to enter the time in 24-Hour format.*





## Selecting a Base

This function allows you to select a base from those already registered to the handset. You can access the options by scrolling the menu.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose **Select Base** menu, press the **Select** soft key.
4. You can use  or  key to select the base you want, then press the **Select** soft key. If you select a non-existent base, the handset will sound a warning tone.
5. The display will show **Selected BSX**. Press the **Select** soft key to confirm. A confirm tone will be heard.

## HS Reset

If you reset the handset, all the features under HS Settings menu will be restored to the factory initial setting: Alarm, Audio Setup, Ring Setup, Tone Setup, Language, HS Name, Auto Answer and Date & Time. But LCD Contrast cannot be restored.







1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose the **HS Reset** menu, press the **Select** soft key. You will be prompted to enter the PIN code.

4. Enter the PIN code (the default one is 0000), then press the **Reset** soft key. If the PIN code is validated all handset settings will return to the factory default, otherwise a warning tone will be heard and the settings will remain.

*Result: After resetting, the handset will return to standby mode.*


## **Amplified**





Your phone is equipped with a specialized amplification function designed to fit your needs. If you switch this function on, the handset receiver volume adjustment is 15-30dB. Otherwise the receiver volume adjustment is 0-15dB.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose the **Amplified** menu, press the **Select** soft key.
4. You can use  or  key to choose **On** or **Off** to enable or disable the function.
5. Press the **Save** soft key.

## **Registration**

The supplied handset is already registered with the number 1. You can register up to 5 handsets to your base unit in order to share the same line with other people.

Before registering a handset to the base, you should press and hold the  key on the bottom of the base for about 5 seconds then release it.

1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose the **Registration**, then press the **Select** soft key.
3. Use  or  key to scroll through the Base names list, press the **Select** soft key to choose a base to your necessary. The handset will search for the requested base and the relevant information will flash on the LCD.
4. If the base is found, and the handset is successfully registered, you will be prompted to enter the PIN code (the default one is 0000). On validation of the PIN code, the Registration tone will sound and the Base assigns a number to the handset. If the PIN code entered is invalid, a warning tone will sound, and the handset will return to the previous registration state.
5. If the base is not found, the handset will behave according to the Out of Range condition.


## **Calling with more than one Handset**

If you have more than one handset registered to the same base, you can make internal calls and transfer an external call between the registered handsets.

## Making an internal call



1. Press the  key, the LCD displays as follows, then enter the number of the handset you want to call.



2. If the handset entered is valid, the called handset will ring and display **HSX Calling**. The handset user can press the  key to answer the internal call.


3. At the end of your conversation, press the  key.


### **Note:**

*During the internal call, if an external call comes in, the LCD will show the caller's number. You should press the  key to end the internal call first then press the  key to answer the call.*

## Call transfer between handsets

You can transfer an external call between the handsets those are registered to the same base.


1. During an external call, press the  key then enter the number of the handset you want to transfer the call to.

2. If the called party can answer your call, he/she can press the  key to talk with you. At this time you can inform him/her of the incoming call.


3. When the called handset answers, press the  key or replace the handset to the base to complete the transfer.


## Setting up a 3-way conference call

When you have both an external call and an intercom call in progress, you can set up a three-way conference call, like this:

1. During an external call, press the  key and then the number of the handset you want to join the 3-way call.

2. The called party press  key to answer.

3. The calling party can press the  key to start the 3-way call.

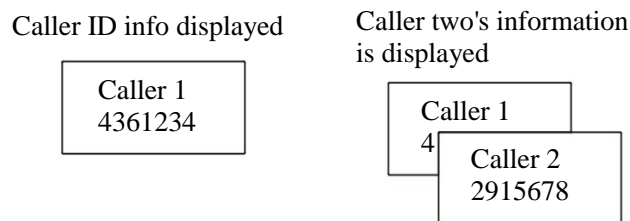
4. Either of the two internal handsets can press the  key to leave the conference call at any time.

**Note:**

*If one of the handsets drops the conference call, the remaining handsets will continue the conference.*

## Caller ID on call waiting

When you subscribe to Call Waiting service from your local telephone company, the telephone will display the name and number of the second caller while you are having a conversation.



1. When you are on the line, the telephone will automatically display the name and number of the second caller.

2. Press the **Flash** soft key to answer the second caller.

3. When you have finished, press the **Flash** soft key to continue with your conversation with the first caller.

**Note:**

*If you have transferred an external call to another handset, you cannot use the call waiting function via the second handset.*

## TAM Functions



### Announcement

It is necessary to record the announcement which requests the caller to leave a message when nobody is at home. The answer and record message (Announce1) and the answer only message (Announce2) can be up to 3 minutes respectively.

### Record Announce1

Auto-answer Announce1 is a conventional message requesting you to leave a message. If you have not record Announce1 before, the unit will play the default one "Hello, your call cannot be taken at the moment, to record your message, please speak after the tone".





If you want to change Announce1, do the following steps to update it:

1. Press the **TAM** soft key in Standby mode.
2. Press the **Select** soft key to choose **Announce**.
3. Press **Select** key again to choose **Announce1**.
4. Press  key or  key repeatedly to choose **Record**, press the **Select** soft key.
5. You can record your announcement after a tone. Recording will stop automatically after 3 minutes. You can also confirm and end the recording by pressing the **OK** key. During recording the LCD shows "**Recording...**".

## Record Announce2

Announce-only Announce2 is an answer-only message. If you have not record Announce2 before, the unit will play the default one "**Hello, your call cannot be taken at the moment, please call back later**".

If you want to change Announce2, do the following steps to update it:


1. Press the **TAM** soft key in Standby mode.
2. Press the **Select** soft key to choose **Announce**.
3. Press  key or  key repeatedly to choose **Announce2**, then press the **Select** key to confirm.
4. Press  key or  key repeatedly to choose **Record**, press the **Select** soft key.
5. You can record your message after a tone. Recording will stop automatically after 3 minutes. You can also confirm and end the recording by pressing the **OK** key. During recording the LCD shows "**Recording...**".

### **Note:**




*If you record/playback/restore Announce1 or Announce2, the answer mode (refer to par. **Answer mode Select**) will be switched to the corresponding mode automatically.*

## Play Announce1/Announce2

You can play the current Announce1/2.

1. Press the **TAM** soft key in Standby mode.
2. Press the **Select** soft key to choose **Announce**.
3. Press **Select** soft key to choose **Announce1** or press the  key to choose **Announce2**, then press the **Select** key to confirm.
4. Press the **Select** soft key to choose **Playback**.
5. The current Announce1/2 will be played. During the process you can use the **Back** soft key to stop and exit.

## Restore Announce1/Announce2

1. Press the **TAM** soft key in Standby mode.
2. Press the **Select** soft key to choose **Announce**.
3. Press **Select** soft key to choose **Announce1** or press the  key to choose **Announce2**, then press the **Select** key to confirm.
4. Press  key or  key to choose **Default**, press the **Select** key to confirm.
5. The LCD will show **Confirm ?**. Press the **Select** key to restore the default Announce1 /Announce2 or press the **Back** key to cancel.




## Message

This feature allows the caller to leave a message to the owner who is not at home. When a call is received in answer-record mode, the machine will play Announce1, and then performs message recording. The process is as follows:





After N times ringing, the phone enters answer-record mode automatically and starts to play Announce1. The caller can start to record after a tone.

## Play New/Saved Messages

### Way 1: Using the menu

1. Press the **TAM** soft key in standby mode.
2. Press the  key to choose **Message**, use the **Select** key to confirm.
3. Press the **Select** key again to choose **New MSG** or press the  key to choose **Saved MSG**, press the **Select** key to confirm.
4. The phone will announce "**You have N new message(s)**" or "**You have N saved message(s)**". The relevant messages will be played one by one. You can use the  key to delete the current message or the **Back** soft key to stop the playing and exit.

### Way 2: Using the base unit




When you have one or several new messages, press the  key to play it/them. If there are no new messages, press this key to play the saved messages. Press the  key once to re-play the current message, press it twice to play the previous one or press the  key once to play the next one. Press the  key again to finish.

### Note:


During the playing, you can use the  or  key to adjust the volume.

## Delete all the messages

### Way 1: Using the menu

1. Press the **TAM** soft key in standby mode.
2. Press the  key to choose **Message**, use the **Select** key to confirm.
3. Press  key or  key to choose **Delete All**, press the **Select** key to confirm.
4. The LCD will show **Confirm ?**. Press the **OK** key to delete all the messages or press the **Cancel** key to exit.

### Way 2: Using the base unit




In the active mode (all lights on) press and hold the  key to delete all the messages. The relevant voice prompting will be heard, too. If you press and hold this key during the playing, the current message will be deleted.

#### *Note:*


*Up to 15 minutes messages can be recorded.*

### Record the memo

You can use your phone to record memo messages (each can be up to 3 minutes) for another user of your phone. The memo can be played back as a message.

1. Press the **TAM** soft key in standby mode.
2. Press the  key to choose **Message**, use the **Select** key to confirm.
3. Press  key or  key repeatedly to choose **Memo Record**, press the **Select** key.
4. You can record your message after a tone. Recording will stop automatically after 3 minutes. You can also confirm and end the recording by pressing the **OK** key. During recording the LCD shows "**Recording...**".

#### *Note:*





*If someone leaves you a memo, the  icon will appear in the standby mode on the LCD.*

## TAM Setting

### TAM On/Off

You are able to switch the answering machine on or off.

#### Way 1: Using the menu

1. Press the **TAM** soft key in standby mode.
2. Press  key or  key repeatedly to choose **TAM Setting**, press the **Select** key.
3. Press **Select** key again to choose **TAM On/Off**.
4. Use  key or  key to choose **On** or **Off**, press the **Select** key.

#### Way 2: Using the base unit






In the active mode (all lights on) press  key on the base unit to enable or disable this



function, the current state will be announced.







## TAM Alert

A tone will sound every 1 minute when a new message is received until you review the message. You are able to switch the tone on or off (this model doesn't support the function).

1. Press the **TAM** soft key in standby mode.
2. Press  key or  key repeatedly to choose **TAM Setting**, use the **Select** key to confirm.
3. Press the  key to choose **TAM Alert**, press **Select** key.
4. Use  key or  key to choose **On** or **Off**, press the **Select** key.

## Answer mode Select

The answering machine operates in two modes, "answer and record (Announce1)" or "answer only (Announce2)". Each mode comes with a pre-set announcement that is played to your callers. You can choose the desired mode as follows:

1. Press the **TAM** soft key in standby mode.
2. Press  key or  key repeatedly to choose **TAM Setting**, press the **Select** key.
3. Press  key or  key repeatedly to choose **ANNC Select**, press the **Select** key.
4. Press  key or  key to choose **Announce1** or **Announce2**, press **Select** key.







### Notes:

*If you choose Announce2, the caller hears your announcement but will not be able to leave a message.*

*The Announce2 is also played when your answering machine becomes full.*







## Set the ring delay

You can select from 2 to 6 rings. In addition, the Toll Saver setting is also available for pre-remote access free of charge. The toll-saving pre-remote access feature can be used to check whether new messages have been received on your answering machine from a distant telephone. If a new message has been recorded on your answering machine, your call is taken after 3 rings at the latest. If no new messages has been recorded on your answering machine, your call is taken after 6 rings. End the call before the 6th ring. This means that no charges ensue.

1. Press the **TAM** soft key in standby mode.
2. Press  key or  key repeatedly to choose **TAM Setting**, use the **Select** key to confirm.
3. Press  key or  key repeatedly to choose **Set Ring**, press the **Select** key.
4. Use  key or  key to choose the answer rings (**2 Rings ~ 6 Rings** or **Toll Saver**), press the **Select** key.





## Voice Prompt Language

You are able to select the language used to play the voice prompt messages.

1. Press the **TAM** soft key in standby mode.
2. Press  key or  key repeatedly to choose **TAM Setting**, press the **Select** key.
3. Press  key or  key repeatedly to choose **TAM Language**, press the **Select** key.
4. The languages will be displayed. Use  key or  key to scroll through the options. Each language will be displayed in its own native translation.
5. Press the **Select** key to choose the required language and you will hear a confirm beep.





## Remote Code

To operate your answering machine remotely from another phone you need to enter the remote code. For security reasons you had better change this code (the default one is 0000). For more details please refer to par. Remote Control.

1. Press the **TAM** soft key in standby mode.
2. Press  key or  key repeatedly to choose **TAM Setting**, press the **Select** key.
3. Press  key or  key repeatedly to choose **Remote Code**, press the **Select** key.
4. The LCD shows the current remote code. Enter the new code you want to set, press the **OK** key.

## TAM Reset





This function allows you to reset the TAM settings to the factory default.

1. Press the **TAM** soft key in standby mode.
2. Press  key or  key repeatedly to choose **TAM Setting**, press the **Select** key.
3. Press  key or  key to choose the **TAM Default**, press the **Select** soft key. You will be prompted to enter the PIN code.
4. Enter the PIN code (the default one is 0000), then press the **Reset** soft key. If the PIN code is validated all TAM settings will return to the factory default, otherwise a warning tone will be heard and the settings will remain.

Result: After resetting, the TAM will return to standby mode.

## Week Date Setting

Before each message is played, the week and time it was received will be announced. You are able to use the base to set the week date.

In the active mode (all lights on) press and hold the  key on the base until the current setting is announced. Press the  key repeatedly to set, use the  key to confirm. Every time you press the  key, the system will announce the corresponding week date.

**Note:**

*If you remove the battery or pull out the adapter, you need to set the week date again.*

## Remote Control

You can access many features of your answering machine remotely from any touch tone telephone. A four-digit security code (remote code) is required to access the system and the factory default one is 0000. To enter remote access:

1. Dial your telephone number from any touch tone telephone.
2. When the Announce1/Announce2 starts to play, you may enter the remote access mode by inputting the remote code.
3. After you enter the remote code, the system will play the menu of commands. You can then follow the commands to operate.

**Note:**

*If you enter the remote code incorrectly the answering machine will announce you to enter the code again. You are then given two more attempts to enter the correct remote code before the line is disconnected.*

### Remote access commands

Button	Function
<b>1</b>	Play the main menu
<b>2</b>	Play the new messages
<b>3</b>	Play the saved messages
<b>0*</b>	Delete all the messages
<b>5</b>	Switch the answering machine on/off
<b>6</b>	Record Announce1/2 (Depends your setting)

When you press **2** or **3** key to play back the messages, press **1** to replay current message, press **2** to stop, press **0\*** to delete current message.

After you record the Announce1/Announce2, press the **#** key to finish. The system will play the announcement you have recorded.

**Note:**

*You had better stop playing message before hanging up.*

## Feature List

1.8GHz DECT technology with GAP  
Large 2.0" LCD (128 x 64 dots matrix display)  
Up to 5 handsets for optional for one base  
Up to 4 bases for optional for one handset  
LCD contrast adjustable  
Phonebook with up to 50 groups  
10 VIP numbers setting from phonebook  
Redial book with up to 10 entries  
10 ring tones and volume selectable (5 levels+off)  
Torch function  
Vibrating loud ring signaler  
Hearing aid compatible  
3 one-touch memory speed dial buttons  
Key tone ON/OFF selectable  
Full handsfree speakerphone  
Internal call  
Call transfer  
3-way conference call  
Receiver/Speaker volume adjustable  
PIN protection  
Mute

Redial, Flash, Pause  
TONE/PULSE dialing mode selectable  
FLASH time selectable  
Call duration display  
Real time clock (set time)  
Keypad lock  
13 languages selectable  
Auto answer ON/OFF selectable  
Alarm clock include snooze option  
Handset Name setting  
Backlit LCD screen and keypad

Caller ID  
FSK and DTMF dual system Caller ID  
Caller ID / Call Waiting  
Caller ID list with up to 40 entries  
Incoming calls can be called back/added to phonebook/deleted  
New call indicator  
Message waiting

**Note:**  
*The caller ID feature is only available if you subscribe to a Caller Display service from your network provider.*

### TAM Functions

Integrated Digital Answering System  
Natural Sound Voice Prompting, for Week /Time Stamp and Voice Instructions  
Maximum 15 Minutes of Recording Time which includes Incoming Messages  
Digital Volume Control  
Toll Saver Function  
Multiple Languages  
Remote control  
Answer on/off selection and announcement  
New message alert  
Week date setting

## Troubleshooting

Symptom	Check & Remedy
No operation	<p>Check that the power adapter is properly connected.</p> <p>Check that the telephone line cord is properly connected.</p> <p>Check that the handset batteries in full power.</p> <p>Check that the handset batteries are installed properly.</p>
No dial tone	<p>Check that the telephone line cord is properly connected.</p> <p>Check that the power adapter is properly connected.</p>
Nothing appears on the display	<p>Check that the handset batteries are installed properly.</p> <p>Check that the handset batteries in full power.</p> <p>Check that the handset is on.</p>
Handset seems to have very short battery life	<p>Check the charge contacts.</p> <p>Consistently short battery life may indicate that replacement of the batteries is necessary.</p> <p>Make sure the right batteries be used.</p>
Caller's number is not displayed	<p>Make sure you have subscribed to a Caller ID service via your network provider.</p> <p>The caller may have withheld their details.</p> <p>Let the phone ring a couple of times as there may be a delay in receiving the Caller ID information.</p>

## Answering System Solutions

The system always plays Announce2.

Answering system memory may be full. Erase some messages.

Incoming messages are incomplete.

Answering system memory is full. Erase some messages.

## Technical Specifications

Frequency Range	1.88~1.90GHz
Channels	120 Duplex channels
Carrier Power	<250mW
Modulation	GFSK
Frequency Stability	< ± 50 KHz
Charging time	15 hours
Ambient temperature	Normal: 15°C ~ 35°C, Extreme: 0°C ~ 40°C
Humidity	0%~90%
Dimensions (mm)	Base: 140 x 130 x 62; Handset: 185 x 55 x 32
Power Supply	Base input: 7.5V, 500mA; Handset input: Ni-MH: 1.2V x 3, 600mAh

Design and specifications are subject to change without notice.

### If you subscribe to a DSL service

Please attach a noise filter (contact your DSL provider) to the telephone line between the base unit and the telephone line jack in the event of the following:

- Noise is heard during conversations.
- Caller ID features do not function properly.

