



User's Manual

for

American Telecom 5100 Series

Model Numbers 5101, 5102, 5103, 5104 and 5105

***2.4GHz Digital Spread Spectrum Cordless
Telephone***

**To fully enjoy all the benefits of this product, we
ask that you review the information contained in
this manual**

TABLE OF CONTENTS

Important Safety Instructions	4
Safety Instructions for Handset Battery Pack	5
Handset and Base Layouts	6
Handset and Charger	7
LCD Display	8
Getting Started	8
Features	10
Basic Operation	10
Answering Calls	10
Display presentation for incoming calls:	10
Display presentation during an ongoing call:	11
Display presentation after call is terminated	11
Making Internal Calls	11
Making External Calls	12
Making Calls – Pre-Dialling	12
Making Calls – Post-Dialing	12
Teleconference and Intercom Call Transferring	12
Call Waiting / Call Waiting ID	13
Call Waiting	13
Call Waiting ID	13
Redial	13
Muting the Handset Microphone	13
Page	13
Hands-Free Mode	13
Pay-Per-Use (PPU) Keys	13
Long Distance Service (LDS) Key	14
Handset Menu and Programming	14
Call Log (Caller ID)	14
Phone Book	16
Characters	16
Phone Book Operation	17
How to use your Phone Book:	17
Deleting a Phone Book entry:	17
Entering new names and numbers into the Phone Book:	18
Volume	18
Ring Volume	18
Ring Pattern	18
Auto talk	19
Low Battery alert Tone	19

No coverage alert Tone.....	19
Key Tone	20
Key Lock.....	20
Power on/off.....	20
Handset Naming.....	20
Language	21
LCD Contrast	21
Reset for Handset	21
Handset setting	22
Base PIN Code	22
Base Dial Mode.....	22
Base Flash Timing.....	22
Base Message Waiting LED.....	23
Resetting the Base	23
Base setting.....	23
Base Unit Status Indication	23
Display Messages	23
Registering Your Handsets (Adding Handsets to Your System).....	24
Consumer Information	25
Limited Warranty	27
What does our warranty cover?.....	27
For how long after the original purchase?.....	27
What will American telecom do?.....	27
How do I arrange for service, whether in or out of warranty?	27
What does our warranty not cover?	27
How does state or provincial law relate to this warranty?.....	27

Important Safety Instructions

BEFORE USING YOUR TELEPHONE EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND INJURY TO PERSON, INCLUDING THE FOLLOWING

1. **Read and understand all instructions.**
2. **Follow all warnings and instructions marked on the product.**
3. **Unplug this product from the wall outlet before cleaning. Do not use liquid ~~cleaners~~ cleanser or aerosol cleanser. Use a damp cloth for cleaning.**
4. **Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.**
5. **Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.**
6. **Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.**
7. **This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.**
8. **Do not allow anything to rest on the power cord. Do not locate this product where the cord will be damaged by persons walking on it.**
9. **Do not overload wall outlet extension cords, as this can result in the risk of fire or electric shock.**
10. **Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on this product.**
11. **To reduce the risk of electric shock, do not disassemble this product. Instead, when some repair work is required, take the unit to a qualified technician. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.**
12. **Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:**
 - a. When the power supply cord or plug is damaged or frayed.
 - b. If liquid has been spilled into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - e. If the product has been dropped or cabinet has be damaged.
 - f. If the product exhibits a distinct change in performance.

13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.
15. This power unit is intended to be correctly oriented in a vertical or floor mount position.

SAVE THESE INSTRUCTIONS

Safety Instructions for Handset Battery Pack

CAUTION:

Danger of explosion if battery is incorrectly replaced. Use only an approved battery pack in the handset of your American Telecom 5100 Series Cordless Telephone. To reduce the risk of fire or injury, always do the following when replacing, discarding, or charging battery, when handling the batteries, be careful not to short the battery with conducting materials such as rings, bracelets, and keys. The Battery or conducting material may overheat and cause burns. Use only the following type and size of battery pack:

FOR HANDSET UNIT:

SANIK, 2SN-AAA70H-S-X2F Ni-MH AAA 700mAh 2.4V Battery Pack

ATTENTION- Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant



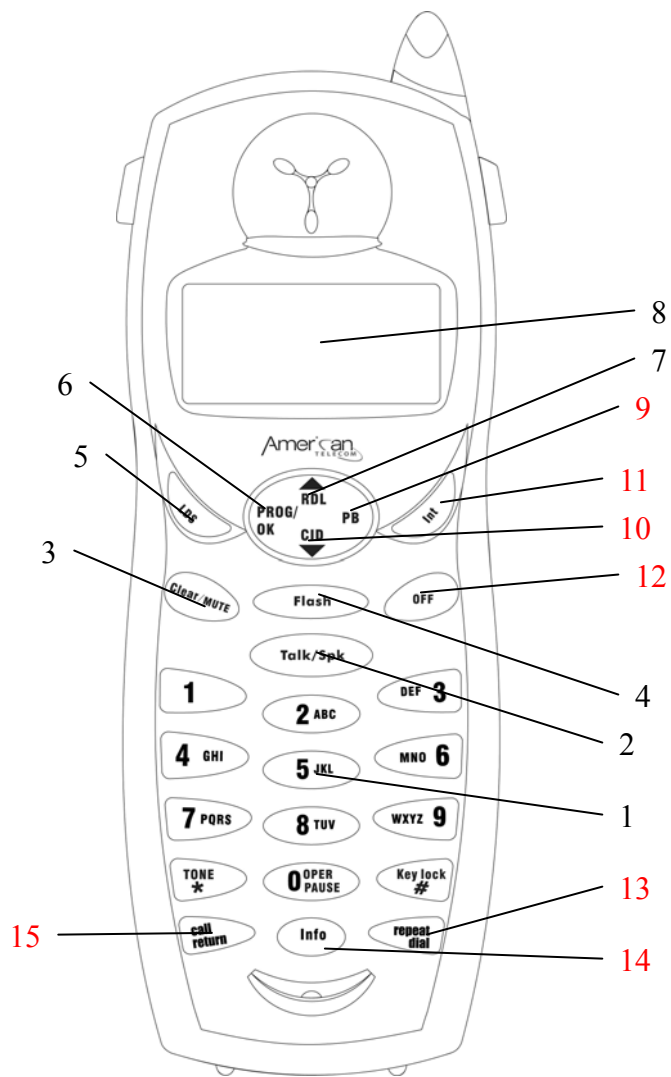
CONTAINS NICKEL-METAL HYDRIDE BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY

Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

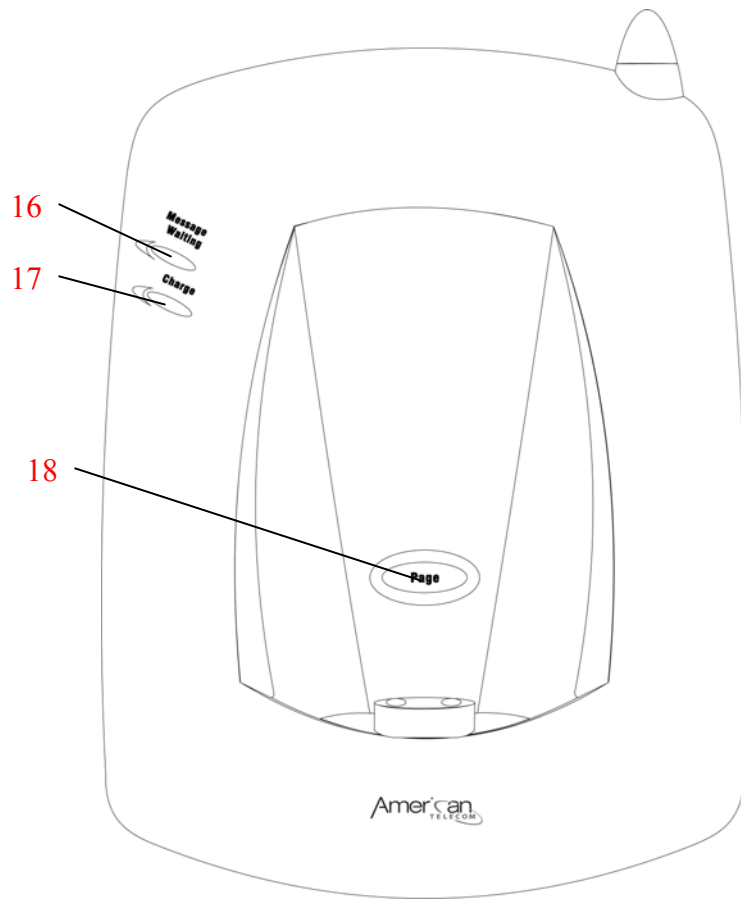
1. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
2. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
3. Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
4. Observe proper polarity orientation between the battery(ies) and battery charger.
5. Do not mix old and new batteries in this product.
6. Do not mix batteries of different sizes or from different manufacturers in this product.

SAVE THESE INSTRUCTIONS

Handset and Base Layouts

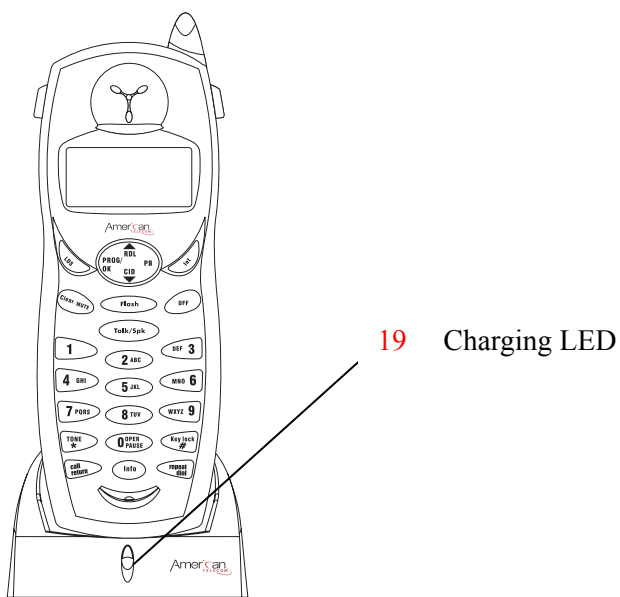


- | | | | |
|---|------------------------------|----|------------------------------------|
| 1 | Dialing Keys (0-9; *, #) | 9 | Phone Book |
| 2 | Talk / Speakerphone | 10 | Volume ▼ / Scroll ▼ / Caller ID |
| 3 | Clear / Mute | 11 | Intercom |
| 4 | Flash | 12 | Off / Cancel |
| 5 | LDS (Long Distance Service) | 13 | Repeat Dial (Pay-Per-Use) |
| 6 | Program / Okay | 14 | 411 Directory Info. (Pay-Per-Use) |
| 7 | Volume ▲ / Scroll ▲ / Redial | 15 | *69 Last Call Return (Pay-Per-Use) |
| 8 | Display (LCD) | | |

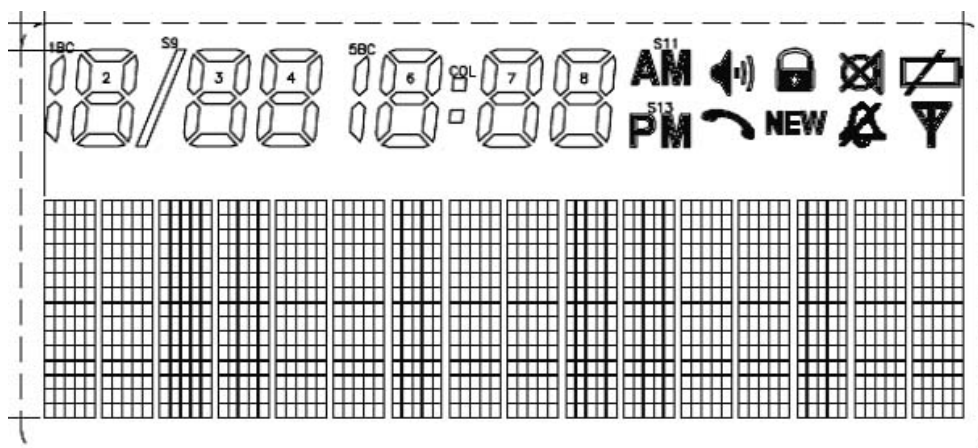









- 16 Message Waiting/In Use Indicator
- 17 Charge Indicator
- 18 Page

Handset and Charger



LCD Display

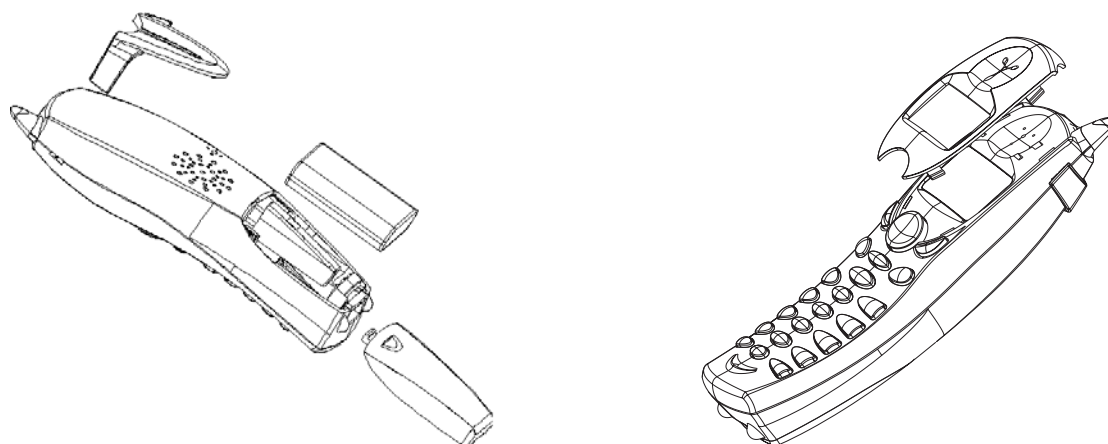


	Speakerphone icon (displayed when the Speakerphone is ON)
	Key lock icon (displayed when user locks the keypad)
	Mute icon (displayed when Handset microphone is Mute)
	Low battery icon (on only if battery voltage is low)
	Off Hook icon (displayed when Handset is on an external or intercom call)
NEW	NEW icon (displayed when new Caller ID records have been received)
	Ringer OFF icon (displayed when user turns the ringer off)
	In Service icon (displayed when Handset is 'in range' of the Base)

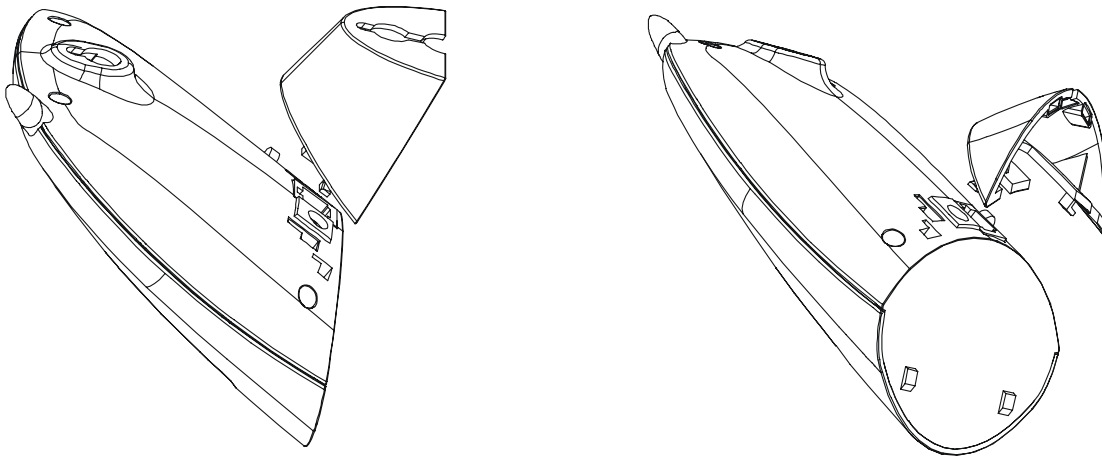
Getting Started

Install and Charge the Battery Pack

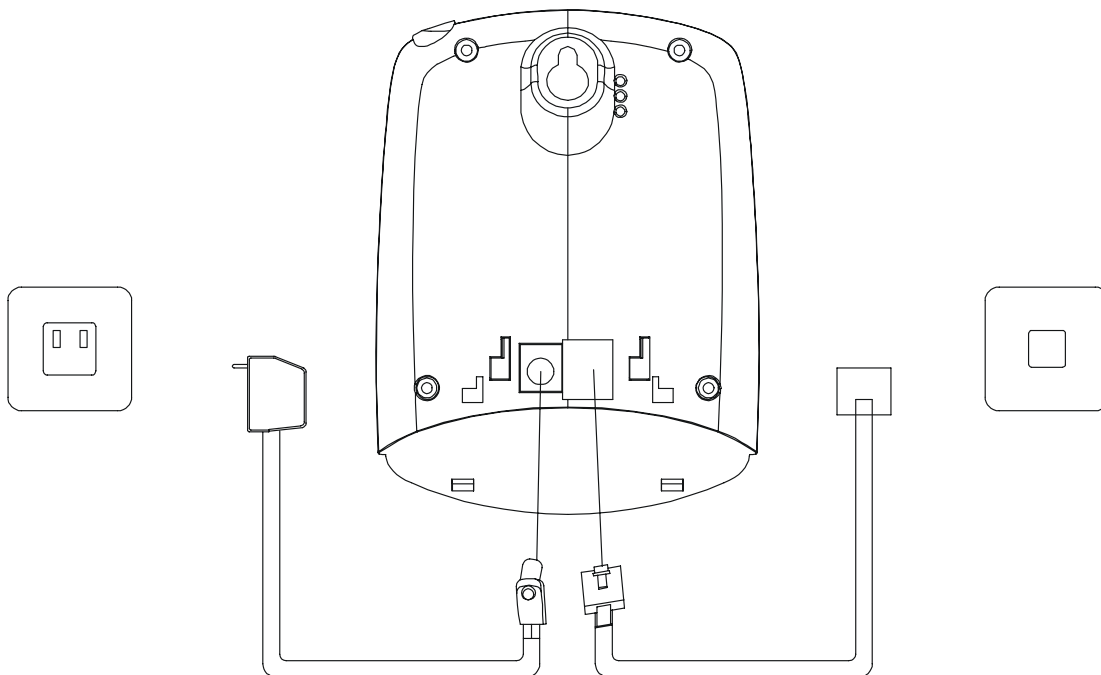
- 1 Open the battery compartment by sliding the cover down.
- 2 Plug the Battery Pack connector into the Handset socket, then place the battery pack and wires in the compartment.
- 3 Slide the battery cover back into place.



- 4 (Optional) Attach the belt clip and change color face plate, if desired.
- 5 Choose the appropriate mounting bracket. One is for tabletop installations. The bracket with the round hole is for wall mounting. **You must use one of the brackets.** Thread the telephone cord and DC power cord through the large opening in the bracket. Plug the two cords into the corresponding jacks on the bottom of the Base.



- 6 Snap the bracket into place on the back of the Base. If you are using the tabletop bracket, run the two cords through the channel at the back of the bracket. If you are wall mounting the Base, carefully line up the slots on the wall mount bracket with the studs on the telephone wall plate, and carefully mount the telephone on the wall.
- 7 Connect the power supply to a live outlet. Make sure the outlet is not controlled by a switch.
- 8 Leave the Handset in the Base for 10 hours so that the battery pack is fully charged.



- 9 Plug the adaptor in socket-outlet which is near equipment and easily accessible.
- 10 Place the Handset in the Base cradle. The Handset and Base communicate with each other automatically (if handset is not registered before, the display will show “Not Reg” to indicate this handset needs registration)
- 11 Allow the Handset to charge for **a day for the first time charging**. The **CHARGE** indicator on the Base will glow while the Handset is charging.

Features

Congratulation on your purchase of this high quality, cordless telephone set. The set offers the following features:

1. Phone book for 50 entries with names and numbers.
2. Caller ID function with caller list for 30 numbers or names from phone book (dependent on network)
3. Dot matrix alphanumeric LCD display
4. Extended redialing for 10 call numbers
5. Microphone mute
6. Keypad lock
7. Power on/off
8. Support 3 operation languages.
9. Internal ,free communication between handsets
10. Pre-dialing.
11. Smart dialing
12. Automatic call answering on/off
13. Three Pay-Per-Use(PPU) Keys
14. Long Distance Service
15. Operation of up to 4 handsets
16. Up to 100 hours standby
17. Up to 10 hours talk time

Basic Operation

Answering Calls

If auto talk is disabled, press **Talk/Spk**,

If auto talk is enabled, the incoming call is answered by removing the Handset from the charger.. If the Handset is not cradled, simply press **Talk/Spk**.

During the call, you can press **Talk/Spk** to toggle Speakerphone On/Off.


You can end your call by pressing:

- OFF**, or
- Place the Handset in the charger

Display presentation for incoming calls:

An incoming call without caller ID:

Call

If your local service provider sends the caller ID information, First “Call” and”  ” will display, then the caller ID information will display.

987-654-3210

or, in addition to that, caller’s name ~~and time/date~~ information.

The name, which will be shown, may either come from the service provider or from the Phone Book. If the CID information sent by the service provider contains name information, this name will be shown. However, if the calling number matches a number you have programmed in the Phone Book, the name associated with this number is shown instead; i.e. the Phone Book name takes precedence.

SOMEBODY
987-654-3210

The Caller ID information may be blocked. The Handset will display calls with blocked name/numbers as indicated below:

Private number:

SMITH
Wi thheId

Out of area number:

SMITH
Unavailable

Private name:

Withheld
98-765-4321

Out of area name:

Unavailable
98-765-4321

If both name and number are blocked:

Private name & number:

Withheld

Out of area name & number:

Unavailable

Display presentation during an ongoing call:

When answer the call, the display changes depending on the type of call. The different presentations are:

Call without Caller ID:

Call
00:00:10

Call with caller ID (number only):

987-654-3210
00:00:10

If the Caller ID number is blocked (and no name), the incoming call is shows as:

Call
00:00:10

Call with Caller ID (number and name or an associated number in the Phone book):

SOMEBODY
00:00:10

Calls with blocked name in Caller ID is shown as:

Call
00:00:10

The number '00:00:10' represents the elapsed time of your call, in hours, minutes and seconds.

Key entries during a call will replace the number/name in the second line, and the digits are left-truncated in case the entered number exceeds 16 digits.

Display presentation after call is terminated

When the call is terminated, the current screen is maintained for 2 seconds before the phone returns to idle presentation. This current display is interrupted in the event of a key press or an incoming call.

Making Internal Calls

If more than one handset is registered on the base station, internal calls can be made free of charge.

1. Press the **INT** key.
2. Press the number of the required handset (1..4) . Carry out the conversation.
3. Press the **OFF** key to end the call.

Note: **1. When two handsets are in intercom mode and there is a external call (a beep tone can be heard on the handsets.), third handset is allowed to answer.(only after ending the internal call , external call can be**

answered)

2. When a handset is in call mode, the other handsets are allowed to intercom each other.

Making External Calls

Making Calls – Pre-Dialling

You can enter the phone number before pressing **Talk/Spk** to get a dial tone:

1. Enter the number. It will be displayed as enlarged font. In case the number exceeds 16 digits, it will split the numbers into two lines with normal font. You may enter a 3-second **pause** in the sequence by holding “0”. It is indicated by the character "P".

1234567890123P96 322300

2. Check if the number is correct. You can backspace by pressing **CLEAR**. The entire number is cleared by holding down **CLEAR**.
3. Press **Talk/Spk** to dial the displayed number.

7890123P96322300 00:00:01

4. During the call, you can press **Talk/Spk** to toggle Speakerphone On/Off.
5. The max pre-dialling number is 24 digits.

Making Calls – Post-Dialling

1. Press **Talk/Spk**, and listen for dial tone.
2. Enter the phone number and it will dial out:

9876543210 00:00:01

The display shows the digits of the number as they are entered. The first digit is entered in the left-hand side of the second line.

3. During the call, you can press **Talk/Spk** to toggle Speakerphone On/Off.

Ending your outgoing call

Your outgoing call is terminated by either pressing:

- **OFF**;
- or by placing the Handset in the charger.

After terminating your call, the Call Timer stops running. The Handset returns to the idle screen after 2 seconds. If the Handset is put in the cradle, it returns to the idle screen immediately.

NOTE:

If the Handset connection is lost, (e.g. the Handset is out of range of the Base for at least 5 seconds), the Base Unit automatically goes on-hook (terminates the call), and the Handset will display ‘**Searching**’.

Teleconference and Intercom Call Transferring

After having received an external call, it is possible to include a second handset in the conversation (three-way conference)

1. Press the **INT** and enter the number of the corresponding handset (e.g.2) which should be included in the call.
2. The external caller is kept on hold. As soon as handset 2 takes the call, press **Talk/Spk** key to transfer the call to handset 2.

Note: the handset which initiates the intercom can switch to talk between the line and the intercom handset by pressing PROG/OK key twice to select the ‘Switching’ . .(when the intercom is processing,the far end user will hear beep tone)

Or

3. In order to join Teleconference, simply press the **Talk/Spk** **LDS** or **PPU** button of the handset (except the handset talking with the external line), teleconference will be activated automatically. (A beep tone will be heard and “Conference “ will be displayed on the LCD.)
4. By pressing the **OFF** key, any of the handsets can be disconnected from the teleconference and the other

handset continues with the external call.

Call Waiting / Call Waiting ID

Call Waiting

When you receive a Call Waiting alert tone in the earpiece (or Handset Speakerphone), the 'waiting' call can be answered by pressing the **FLASH** key. Pressing FLASH clears the second line in the display. If the 'waiting' call is not answered, the display will return to normal ongoing call presentation after 15 seconds.

Call Waiting ID

When the Handset is in use, and you receive Caller ID information, the Redial and call log menu will be available by pressing "PROG/OK" button.

Use the ▲ and ▼ scroll keys to highlight the desired action.

Confirm the action by pressing **PROG//OK**.

The Handset then returns to the normal call display.

Redial

The last 10 called numbers are stored in redial memory.

With the Handset idle (on hook), press **RDL** and Use the ▲ and ▼ scroll keys to find the desired phone number.

"Empty" will be displayed, and then the unit will return to standby mode.

Muting the Handset Microphone

It is possible to mute the microphone during a conversation by pressing the **Clear/MUTE** key. With the microphone muted, you can hear the other party, but they can't hear you. Return to the two-way conversation by pressing **Clear/MUTE** again.

The Mute function is automatically cancelled when you hang up (go on hook)

Page

The page call function is used as an aid to locate the Handset.

Press **PAGE** on the Base Unit to page the Handset.

Hands-Free Mode

The hands-free operation can be switched on and off while in conversation. Using the Handset Speakerphone, you can place the Handset on a table talk hands-free. It's a portable speakerphone!

With the Handset either idle or active, enter hands-free operation by pressing **Talk/Spk**. Pressing **Talk/Spk** again will disable the hands-free operation.

While in conversation, the hands-free function can be enabled or disabled pressing **Talk/Spk**.

The hands-free mode is automatically deactivated when you terminate your call.

NOTE: You can also use the speakerphone while the Handset is in the charger.

Pay-Per-Use (PPU) Keys

There are 3 Pay-Per-Use keys, located on the bottom row of the Handset. There are fees associated with use of these keys. Contact **your local service provider** for details.

The 3 PPU keys are:

- a) Last **Call Return**---- *69
- b) **Repeat Dial**---- *66
- c) **Information**----- 411

To use any of these PPU features:

- 1) Press the desired **PPU** access key.
- 2) The phone automatically goes off-hook and the number is dialed.

-OR-

- 1) Press **Talk/Spk**.
- 2) Press the desired **PPU** access key

Long Distance Service (LDS) Key

LDS access from the Handset

To dial the LDS access number

1. Press the **LDS** access number.
2. The phone automatically goes off-hook and you are connected to the Long Distance platform.

Note: there is no response by pressing the LDS button when the phone is in off-hook state.

Handset Menu and Programming

1. Press **PROG//OK** key to enter the menu.
2. Use the **▲ / ▼** keys to scroll through the menu items. By pressing **▼** twice at the last menu item, you will scroll to the first menu item; and by pressing **▲** twice at the first menu item, you will scroll to the last menu item.
3. Press **Clear** to step back one level in the menu
4. Press **OFF** to enter the idle stage
5. Press **PROG//OK** to choose the menu item shown in the first line of the display which has an Arrow pointer.
6. Confirm setting/level by pressing the **PROG//OK** key. The Handset automatically returns to the previous menu level.

In case the Handset is in the menu mode when a call arrives, the phone automatically aborts the menu and receives the incoming call. The menu is not accessible during an ongoing call.

If there are no key presses for 30 seconds while in the menu mode, the Handset automatically returns to an idle state.

The menu is accessed by pressing the **PROG//OK** key. An overview of the menu structure is shown in Figure 1.1.

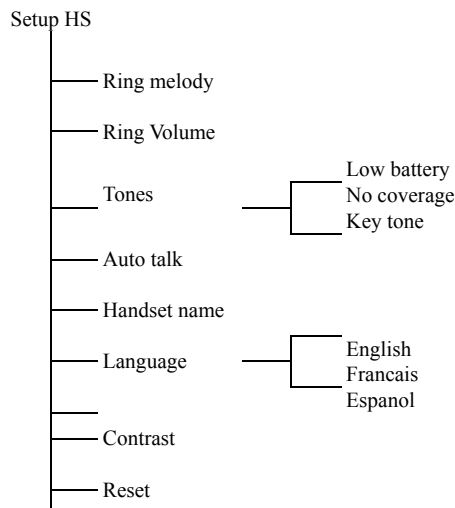


Figure 1.1 Menu structure.

Call Log (Caller ID)

All incoming calls with a valid Caller ID provided phone number are stored in the call log. Name and time/date information is also stored in the call log if your service provider sends it.

The number of unanswered calls (**NEW**), if any, is indicated:

Missed Calls

The new call indication is removed when the call log has been reviewed.

The call log is entered via the menu, as described below or by pressing ▼ in idle mode, whereby the Handset jumps directly to the call log.

The call log is reviewed as follows:

1. Press **CID** to enter the menu.

2. The caller's name is shown in the second line of the display, and the number in the third line. If time and date information is contained in the CID and there are three lines in the display, it is shown in the top line.

```
12/10 7:48PM NEW
SOMEBODY
987-654-3210
```

The name contained in the received CID is replaced by the name in the Phone Book, if the Phone Book contains a matching number; i.e. the Phone Book name takes precedence.

3. Scroll through the call log entries using the ▼ and ▲ keys.

```
11/27 11:02AM
ANOTHERPERSON
012-345-6789
```

The following actions are possible from the call log:

● **Dialing** the caller displayed by pressing the **Talk/Spk** key.

Press **PROG //OK** and using the ▼ and ▲ keys, you can select the following actions

● **Select** the number and edit it as pre-dialing. Pressing the **Talk/Spk** key when edit complete and ready to dial.

● **Save number**: Save the CID information displayed into the Phone Book by pressing the **PROG//OK** key. Before the name and number is transferred to the Phone Book, you can edit the number and name.

Note: CID information without a valid phone number cannot be transferred to Phone Book memory.

● **Delete**: Delete the caller displayed by pressing the **PROG//OK** key. After press the **PROG//OK** key, you will be asked 'Confirm?'; you can either accept deletion by pressing **PROG//OK** (=yes) or cancel it by pressing **Clear** (=no).

● **Delete all?**: You can delete all entries in the call log by pressing the **PROG** key. You will then be asked 'Confirm?' Accept the deletion by pressing **PROG//OK** (= yes) or cancel it by pressing **CANCEL** (= no).

By selecting **PROG//OK**, the phone displays "CALL LOG EMPTY" for 5 seconds and returns to main menu after deleting. By selecting **CANCEL**, the phone returns to the Call Log.

● Exit the Call Log review by pressing the **OFF** key.

Two info messages are displayed together with the Caller ID data:

● 'NEW' icon on the right hand side of the top line indicates that the call has not previously been reviewed. The 'NEW' icon is cleared when scrolling to the next entry or when leaving the Call Log. The maximum length of the name shown in the second line is 15 characters.

● A number in the right hand side of the third line shows the call log number - 1 is the first (latest) received call. The maximum length of the number shown in the third line is 15 characters. If the number is longer, it is left truncated.

The incoming calls are sorted by the order of arrival; the latest is shown first. A number is only contained once in the list. A new call from a caller that is already contained in the log removes the old entry and inserts the new call. All calls with a blocked number are stored as individual calls. Your Handset stores **30** records.

If the call log is full, the oldest entry is deleted to make room for the new call. If the call log is empty when the user tries to enter to Call Log review, a message 'Empty' is displayed and the phone returns to the main menu after 2 sec.

```
Empty
```

It is possible to change the number format in the call log before storing the name/number in the Phone book or dialing the caller. Pressing the # key toggles the number format. The available number formats depend on the received number. The table below shows the possible selections and the order as a function of the incoming number format. The number format is changed by truncating or by adding the digits as described in the table 1.1.

Incoming format	Dialable/storable formats and selection sequence
11	1xxx-yyy-yyyy → xxx-yyy-yyyy → 1-yyy-yyyy → yyy-yyyy
10	xxx-yyy-yyyy → 1-yyy-yyyy → yyy-yyyy → 1xxx-yyy-yyyy
8	1-yyy-yyyy → yyy-yyyy
7	yyy-yyyy → 1-yyy-yyyy

Table 1.1 Number format selection.
 yyy-yyyy: basic number
 xxx: area code

Phone Book

- You can store up to **50** Phone book entries, which includes names and phone numbers.
- The Phone book entries are sorted and presented in alphabetical order.
- Press **PB** to initiate Phone book operation.

Characters

Names are entered using the numerical keys. Characters are generated by multiple key presses (see the table below). The cursor moves to the next position if another numerical key is pressed or by pressing the ▼ key. The last entered character is deleted by pressing **CLEAR** or ▼. The entire name is cleared with a long **CLEAR** key press. At any time, you can Press * to switch between Upper and Lower case.

Key	Alphanumeric (For Phone book, including upper & lower case)										Number
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	
1	space space	l l									1
2	A a	B b	C c	2 2							2
3	D d	E e	F f	3 3							3
4	G g	H h	I i	4 4							4
5	J j	K k	L l	5 5							5
6	M m	N n	O o	6 6							6
7	P p	Q q	R r	S s	7 7						7
8	T t	U u	V v	8 8							8
9	W w	X x	Y y	Z Z	9 9						9
0	. .	, ,	? ?	! !	0 0	+ +	- -	: :	' '	" "	0, P (Pause)

*	Toggle upper/lower case									*	
#	#	*	@	\	/	-	()	=	\$	#
	#	*	@	\	/	-	()	=	\$	#

Table 1.2 Character guide.

Phone Book Operation

The Phone Book is entered via the menu, as described below.

The Phone book is accessed by simply press **PB**:

From the Phone Book menu it is possible to:

- Search for an entry and dial the number. If no records match the search criteria, the closest alphabetic match is displayed.
- Add New entry
- Select
- Edit an entry.
- Delete an entry.

When attempting to search, edit or delete entries in an empty Phone Book, the Handset will display:

Empty

How to use your Phone Book:

Searching for and dialing from the Phone Book:

1) Press **PB**

2) Scroll through the Phone book entries using ▼ or ▲; **OR** enter the first character of the desired name and continue searching using the ▼ or ▲ keys.

NOTE: You can toggle Contact name and number display by pressing “*” key.

R

ROBERT
9898327822

1) Press **TALK/SPK** to dial the number.

TALK 0:00:01
9898327822

Editing a Phone Book entry:

1) Press **PB**

2) Scroll through the Phone book entries using ▼ or ▲; **OR** enter the first character of the desired name and continue searching using the ▼ or ▲ keys.

R

ROBERT
9898327822

3) Press **PROG/OK**

4) Use ▼ or ▲ to select **Edit** to enter number edit mode and enter correct number. Press **Clear/MUTE** to erase a digit. A long **CLEAR** key press erases the whole number.

9898327777

5) Press **PROG/OK** to confirm number and enter name edit mode.

ROBT

6) Press **CLEAR** or ▼ to erase right most character. A long **CLEAR** key press erases the whole name.

7) Press **PROG/OK** to confirm change. The phone returns to Phone Book recall mode.

Deleting a Phone Book entry:

1) Press **PB**

2) Scroll through the Phone book entries using ▼ or ▲; **OR** enter the first character of the desired name and

continue searching using the ▼ or ▲ keys.

R

ROBERT
....

3) Press **PROG/OK**

4) Use ▼ or ▲ to select **Delete?** to delete the Number.

5) Press **PROG** to accept; the Phone Book displays the next entry. –OR- Press **Clear** to abort.

Confirm?

Entering new names and numbers into the Phone Book:

1) Press **PB**

2) Press **PROG/OK** twice to select **Add new** to add new number

Enter number

3) Enter the number (up to 24 digits).

4) Press **PROG**

Enter name

5) Enter the desired name (up to 15 characters). A name has to be entered, otherwise an audible alert is given and the phone returns to the '**Enter name**' display.

Enter name

6) Press **PROG/OK**. Your new entry has been stored. "Saved" will display, and the screen returns to:

SOMEBODY

Press **OFF** to return to the idle screen.

If the Phone Book is full when the user tries to store a new number in it, a message '**PHONEBOOK FULL**' is displayed and an error tone is emitted.

PHONEBOOK FULL

Volume

During your conversation, the volume can be adjusted with the ▲/▼ keys. The level will be represented by the number of bars displayed on the screen.-The display returns to normal in-call presentation after 4 seconds.

Ring Volume

The ring volume is adjusted by the following key sequence:

1) Press **PROG/OK** twice to select **Setup HS**

> Ring melody
Ring volume

2) Press ▼ once and Press **PROG/OK** to enter the ring volume sub-menu.

■■■

2) Using ▼/▲ keys. The current ring tone is played once at the selected new volume.

■■

4) Press **PROG/OK** to confirm the setting. The display returns to:

>RING VOLUME
Tones

Ringling is switched off by pressing * key and there is an alert tone to indicate that the Ringer is OFF / ON.

Ring Pattern

The ring pattern of an incoming call is changed by the following key sequence:

1) Press **PROG/OK** twice to select **Setup HS**.

> Ring melody
Ring volume

- 3) Press **PROG/OK** once more.
- 3) Using **▼/▲** keys. The selected ring pattern is played for you.

>Melody 1
Melody 2

- 4) Press **PROG/OK** to confirm the setting. The display will return to:

Saved

Auto talk

With Auto talk ON, you can answer a call by simply removing the Handset from the Base Unit.

- 1) Press **PROG/OK** twice to select **Setup HS**.

> Ring melody
Ring volume

- 2) Press the **▼** key three times.

>**AUTO TALK**
Handset name

- 3) Press **PROG/OK** to enter the auto talk sub-menu.

>On
OFF

- 4) Using **▲** or **▼** to select your option (On / Off)
- 5) Press **PROG/OK** to confirm the setting. The display will return to:

>**AUTO TALK**
Handset name

Low Battery alert Tone

It is possible to disable the low battery alert tone by the following sequence:

- 1) Press **PROG/OK** twice to select **Setup HS**.

> Ring melody
Ring volume

- 2) Press the **▼** key two times.

>**Tones**
Auto talk

- 3) Press **PROG/OK** to enter the Tones sub-menu.

>Low battery
No coverage

- 4) Press **PROG/OK** to enter Low battery tone sub-menu
- 5) Using **▲** or **▼** to select your option (On / Off)
- 6) Press **PROG/OK** to confirm the setting.

Note: Low battery alert tone is On by default

No coverage alert Tone

It is possible to switch off the Out-of-range / no coverage alert tone by the following sequence:

- 1) Press **PROG/OK** twice to select **Setup HS**.

> Ring melody
Ring volume

- 2) Press the **▼** key two times.

>**Tones**
Auto talk

- 3) Press **PROG/OK** to enter the Tones sub-menu.

>Low battery
No coverage

- 4) Press the **▼** key once.

>**No coverage**
Key tone

- 5) Press **PROG/OK** to enter No coverage tone sub-menu
- 6) Using **▲** or **▼** to select your option (On / Off)
- 7) Press **PROG/OK** to confirm the setting.

Note: No coverage alert tone is Off by default

Key Tone

When the key tone option is enabled, any key press generates a click sound, except when the keypad is locked. To access the Key Tone option:

- 1) Press **PROG/OK** twice to select **Setup HS**.

```
> Ring melody
Ring volume
```

- 2) Press the **▼** key two times.

```
>Tones
Auto talk
```

- 3) Press **PROG/OK** to enter the Tones sub-menu.

```
>Low battery
No coverage
```

- 4) Press the **▼** key two times.

```
>Key tone
-----
```

- 5) Press **PROG/OK** to enter Key tone sub-menu
- 6) Using **▲** or **▼** to select your option (On / Off)
- 7) Press **PROG/OK** to confirm the setting. The display will return to:

```
>Key tone
-----
```

Note: 1) Key Click is On by default; and 2) Key Tone is disabled when the key lock is ON.

Key Lock

It is possible to lock / unlock the Handset keypad by holding #.

Key lock is disabled in the event of an incoming call, but returns to key lock when the call is terminated.

Key lock is disabled by default.

Power on/off

It is possible to switch off the handset by pressing and holding the **OFF** key for 3 seconds. When it is switched off, simply press **Talk/Spk** key to switch on the handset.

Handset Naming

It is possible to name your Handset. The name is shown in the 2nd line during idle mode, and it replaces the "Handset" indication. The maximum name length is 13 characters.

The Handset is named by following this programming sequence:

- 1) Press **PROG/OK** twice to select **Setup HS**.

```
> Ring melody
Ring volume
```

- 2) Press the **▼** key four times.

```
>HANDSET NAME
LANGUAGE
```

- 3) Press **PROG/OK** to enter the Handset name sub-menu and the current Handset name will be displayed:

```
Handset
```

- 4) Enter Handset name (characters are entered in the same way as for the Phone Book).

```
DADDY PHONE
```

- 5) Press **PROG/OK** to confirm the setting.

Language

The language used in the Handset display can be selected by following this sequence:

1) Press **PROG/OK** twice to select **Setup HS**.

```
> Ring melody
Ring volume
```

2) Press the **▼** key five times.

```
>LANGUAGE
Contrast
```

3) Press **PROG/OK** to enter the language selection sub-menu. The current language is shown in the second line. Use **▲** or **▼** to select **English**, **Spanish** or **French**, respectively.

```
> English
Francais
```

4) Press **PROG/OK** to confirm the setting. The phone returns to the previous menu.

```
>LANGUAGE
Contrast
```

The default language is **English**.

LCD Contrast

It is possible to adjust the LCD contrast of the display by the following key sequence:

1) Press **PROG/OK** twice to select **Setup HS**

```
> Ring melody
Ring volume
```

2) Press **▼** six times

```
> Contrast
Reset
```

3) Press **PROG/OK** to enter the sub-menu.

```
■■■
```

4) Using **▼/▲** keys to select the new contrast.

```
■■
```

5) Press **PROG/OK** to confirm the setting. The display returns to:

```
>RING VOLUME
Tones
```

The default Contrast is set to **2**

Reset for Handset

It is possible to reset the Handset to Factory default setting by the following key sequence:

1) Press **PROG/OK** twice to select **Setup HS**

```
> Ring melody
Ring volume
```

2) Press **▼** seven times

```
> Reset
-----
```

3) Press **PROG/OK** to enter the sub-menu.

```
Reset?
```

4) Press **PROG/OK** to confirm the setting. The display returns to:

```
>Reset
-----
```

Handset setting

Item	Selection	Preset	Remark
language	0:English 1:French 2:Spanish	0	
Key click tone	On/off	on	
Keypad locked function	On/off	off	
Low battery tone	On/off	off	
No coverage tone	On/off	off	
Ringer off	On/off	off	
Auto talk	On/off	on	
Melody number for external ringer	1 to 8	1	
Volume for external ringer	1 to 5	5	
Ear piece volume	1 to 5	3	
Speaker phone volume	1 to 5	3	
Phone book record		Empty	Maximum 24 digits for number and 15 characters for name
LNR record		Empty	Maximum 24 digits
Last call return(PPU)		*69	
411 Dir info (PPU)		411	
Re peat Dial (PPU)		*66	

Base PIN Code

The Base setting and information can be reset by resetting the base unit. However, for avoid un-authorized resetting the Base, PIN Code is needed before Reset.

- 1) Press **PROG/OK** once and then ▼ once **Setup BS**.

> Setup BS
Date/Time

- 2) Press **PROG/OK** twice to select Change PIN

Enter PIN

- 3) Enter the EXISTING PIN Code, the default PIN code is 0000 and Press **PROG/OK**

**_ _

- 4) Enter the NEW PIN Code and Press **PROG /OK**

New PIN

- 5) Repeat the NEW PIN Code AGAIN and Press **PROG /OK**

Repeat PIN

Note: Please record down the PIN code as there is no way to find it out if you have lost the PIN code.

Base Dial Mode

Depending on your Telephone network, you can select difference Dialing mode:

- 1) Press **PROG/OK** once and then ▼ once **Setup BS**.

> Setup BS
Date/Time

- 2) Press ▼ once and **PROG/OK** once to select Dial Mode

- 3) The current Dial Mode is shown with a tick. Use ▲ or ▼ to select **Tone** or **Pulse** dialing.

- 4) Press **PROG /OK** to confirm the setting. The phone returns to the previous menu.

Base Flash Timing

Depend on your Telephone network, you can select difference Flash timing:

1) Press **PROG/OK** once and then ▼ once **Setup BS**.

> Setup BS
Date/Time

2) Press ▼ twice and **PROG/OK** once to select Dial Mode

3) The current Dial Mode is shown with a tick. Use ▲ or ▼ to select **100ms, 120ms, 270ms, 300ms, 370ms, 600ms** or **800ms**.

4) Press **PROG/OK** to confirm the setting. The phone returns to the previous menu.

Base Message Waiting LED

You can turn off the Message Waiting LED by following the procedures:

1) Press **PROG/OK** once and then ▼ once **Setup BS**.

> Setup BS
Date/Time

2) Press ▼ three times and **PROG/OK** once to select VMWI

VMWI off

3) Press **PROG/OK** to confirm.

Resetting the Base

You can reset the base by following the procedures:

1) Press **PROG/OK** once and then ▼ once the display shows **Setup BS**.

> Setup BS
Date/Time

2) Press ▼ four times and **PROG/OK** once to select Reset

Enter PIN

3) Enter the PIN Code and Press **PROG /OK**

4) Press **PROG/OK** to confirm, wait several seconds for the Base to Reset and “Saved” is shown when completed.

Base setting

Item	Selection	Preset	Remark
Dial mode	Tone or Pulse	Tone	
Calls log record	Maximum 20 digits with Date/Time each record	Empty	
Flash time	100,120,270,300,370,600,800ms	600ms	
Pin code	Any 4 digits	0000	
Time	00.00 to 23.59	12.01	
Date	Any valid date within year 2000 to 2099	Year:2006 Month:1 Date:1	

Base Unit Status Indication

- The Base Unit is equipped with a **CHARGE** indicator (a red LED), which is turned on by putting the Handset in the charge cradle.
- The second Base Unit indicator is a **Message Waiting** indicator. This LED is turned on when voice mail message waiting indicator (VMWI) signal is received.

Display Messages

The Handset provides a number of on-screen status messages, both in the idle state and during conversation.

The following status messages are shown in the **idle** mode (in prioritized order):

When the Handset is out of range, an "Searching" message is shown in line one.

Searching

When the Handset does not have a valid registration, the display shows:

NOT REG

If the battery voltage is too low to guarantee reliable use, the display shows:



When the battery's nominal charge level is reached, it will display "CHARGING":

CHARGING

When another HS (registered to the same Base) is in use, the display shows:

EXT. IN USE

Note: Message and display priority

1. Not Reg-no registration record
2. Searching-out of range from base
3. Message waiting-voice message waiting indication
4. Missed calls-CLI miss call
5. Charging-Handset on cradle for charging
6. Ext. in use-HS is in use

Registering Your Handsets (Adding Handsets to Your System)

Further handsets can be registered on the base station. They must support the GAP standard, however, it is possible that some of the handset functions will not be available.

1. Press the **PROG/OK** key .
2. Press # 2 4 5 0 # ▼ keys in sequence.
3. Press Down key repeatedly to select the REGISTRATION submenu.
4. Press the **PROG/OK** key.
5. Press the **PROG/OK** key again , Press and hold the PAGE key on the base station for 10 seconds, then enter the PIN when requested. (Default setting=0000)
6. Press the **PROG/OK** key .

Note: After the connection has been established, the name and number of the handset (the next available number if less than 4 are already registered) appear in the display.

Note: 1.An unregistered handset will show “**Not Reg**” to indicate this handset needs registration before use.

Consumer Information

1. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the back of this equipment is a label that contains, among other information, a product identifier in the format US:DDKW400BS245X. If requested, this number must be provided to the telephone company.
2. An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., RJ11C) in the packaging with each piece of approved terminal equipment.
3. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details in section (2).
4. The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US: DDKW400BS245X. The digits represented by 00 are the REN without a decimal point (e.g., 03 is a REN of 0.3). The REN is separately shown on the label too.
5. If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
6. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
7. Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.
8. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
9. This equipment is hearing aid compatible.

NOTICE:

- 1) If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this phone does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.
- 2) According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrester is recommended.

Should you experience trouble with this equipment, please contact ATS Customer Support for service information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION: To maintain compliance with the FCC's RF exposure guidelines place the base unit at least 20 cm from nearby persons.

CAUTION: For service or replacement, please contact American Telecom Customer Support.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone .

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio TV technician for help.

American Telecom Customer Support: 1-888-928-7746

Limited Warranty

What does our warranty cover?

- * Any defect in material and workmanship.

For how long after the original purchase?

- * To the original purchaser only – ONE YEAR.

What will American telecom do?

- * At our option, repair or replace your unit.

How do I arrange for service, whether in or out of warranty?

- * **Call Customer Support for Return Authorization at 1-888-928-7746.**
- * Carefully pack your unit. Include all accessories provided with the product. We recommend using the original carton and packing materials.
- * Include a copy of the sales receipt or other evidence of date of original purchase (if purchase was within the last 12 months).
- * Print you name, address and phone number, along with a description of the defect, and include this in the package.
- * Include payment for any service or repair not covered by warranty, as determined by American Telecom.

What does our warranty not cover?

- Batteries
- Damage from misuse, neglect or acts of nature (lightning, floods, power surges, etc.)
- Products which may be have been modified or incorporated into other products
- Products purchased and/or operated outside of the US, its territories, or Canada
- Products services by the owner or a service facility not expressly authorized by American Telecom
- Products purchased more than 12 months from the current date
- Units purchased in “AS IS” condition, or units purchased as “Distressed Merchandise”

How does state or provincial law relate to this warranty?

- * This warranty gives you specific rights. You may also have other rights which vary from state to state or province to province.

For service information, in and out of warranty, call **American Telecom Customer Support** at:

1-888-928-7746