



## **User's Manual**

for

***American Telecom E30001B Series***

***Model Numbers xxxx, xxxx, xxxx, xxxx and xxx***

***1.9GHz Digital Cordless Telephone***

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

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# **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 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 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 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 a 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 been 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:**

There is danger of explosion if the battery is incorrectly replaced. Use only an approved battery pack in the handset of your American Telecom E30001B Cordless Telephone System. 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:

[LEXEL, LH070-3A43C2BRML1P 700mAH 2.4V Battery Pack](#)

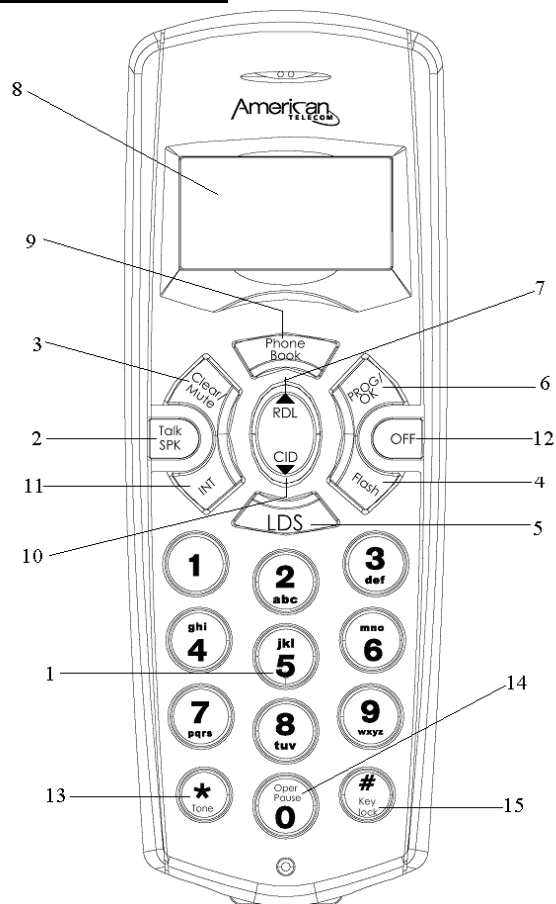


**CONTAINS NICKEL-METAL HYDRIDE BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY**

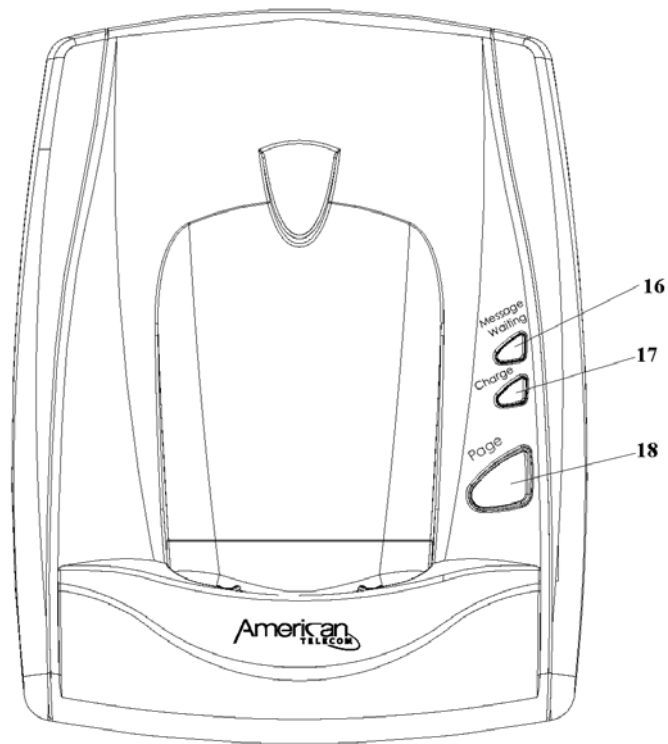
1. **Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.**
2. **Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.**
3. **Exercise 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.**
4. **Charge the batteries provided with, or identified for use, with this product only in accordance with the instructions and limitations specified in this manual.**
5. **Observe proper polarity orientation between the battery(ies) and the battery charger.**
6. **Do not mix old and new batteries in this product.**
7. **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 | Tone                            |
| 6 | Program / OK                 | 14 | OPER/Pause                      |
| 7 | Volume ▲ / Scroll ▲ / Redial | 15 | Key lock                        |
| 8 | Display (LCD)                |    |                                 |



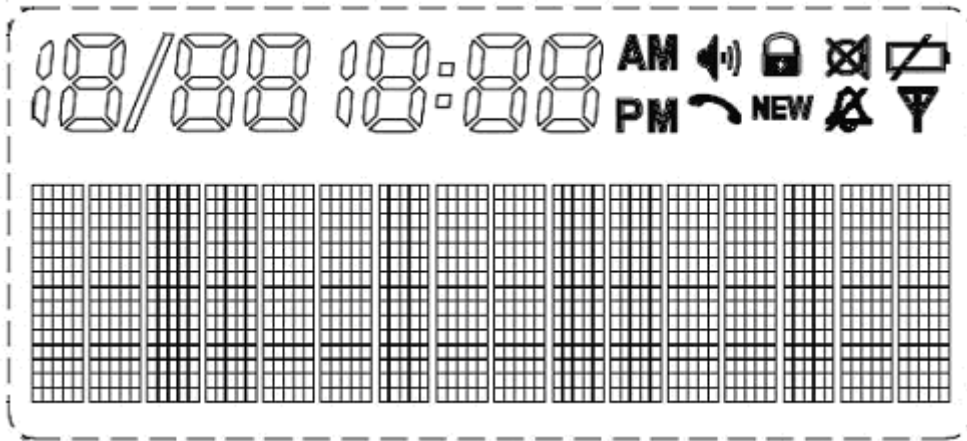
16. Message Waiting Indicator  
 17. Charge / In Use Indicator








18. Page

## Handset and Charger



## LCD Display

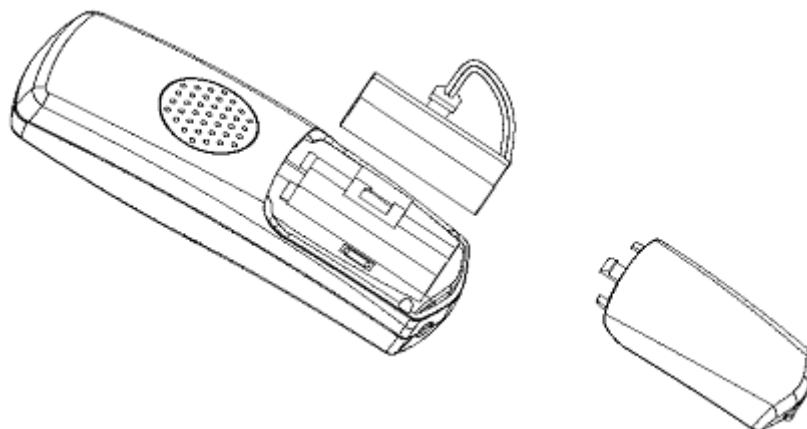


	Speakerphone icon (displayed when the Speakerphone is ON)
	Key lock icon (displayed when the user locks the keypad)
	Mute icon (displayed when the Handset microphone is Muted)
	Low battery icon (on only if the battery voltage is low)
	Off Hook icon (displayed when the Handset is on an external or intercom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

## Getting Started

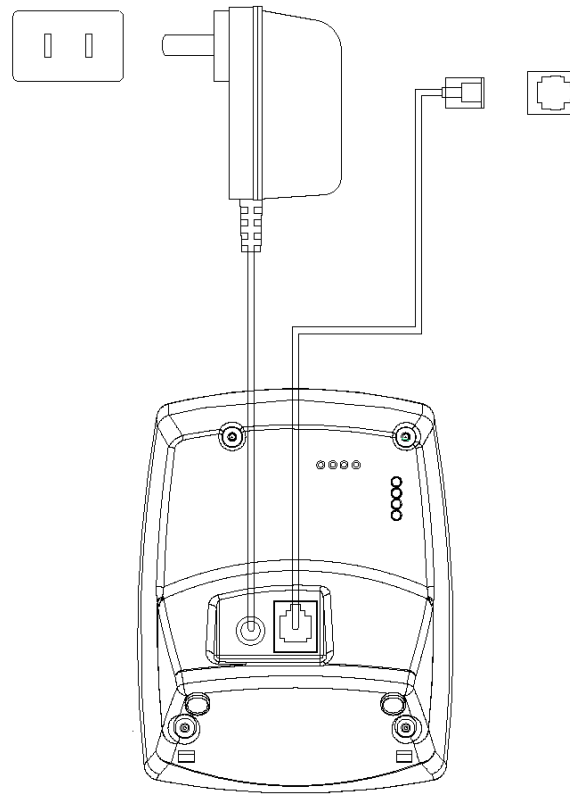
Install and Charge the Battery Pack

- 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 Plug the telephone cord and DC power cord into the corresponding jacks on the bottom of the Base.
- 5 Connect the power supply to a live outlet. Make sure the outlet is not controlled by a switch.
- 6 Leave the Handset in the Base for 10 hours so that the battery pack is fully charged.





- 7 Plug the adaptor into [the socket-outlet which is near equipment and easily accessible](#).
- 8 Place the Handset in the Base cradle. The Handset and Base communicate with each other automatically (if an expansion handset has not been registered to the base before, its display will show “**Not Reg**” to indicate that this handset needs to be registered. See instructions on page (25)).
- 9 Allow the Handset to charge for **a day for the first time that it is charged**. The **CHARGE** indicator on the Base will glow while the Handset is charging.

## Features

Congratulations 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. 10 number redial log
5. Microphone mute
6. Keypad lock
7. Supports 3 operating languages.
8. Internal communication between handsets
9. Pre-dialing
10. Post-Dialing
11. Smart dialing
12. Automatic call answering on/off
13. Long Distance Service
14. Operation of up to 4 handsets
15. Up to 100 hours standby
16. 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 for incoming calls:**

An incoming call without caller ID:

Call

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

987-654-3210

or, in addition to that, the caller’s name information will be displayed.

The name, which will be shown, may either come from the service provider or from the Phone Book. If the Caller ID 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  
Withheld

Out of area number:

SMITH  
Unavailable

Private name:

Withheld  
987-765-4321

Out of area name:

Unavailable  
987-765-4321

If both name and number are blocked:

Private name & number:

Withheld

Out of area name & number:

Unavailable

## **Display during an active call**

After answering the call, the display changes depending on the type of call. The different displays 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 shown 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 are 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 first line, and the digits will scroll off the left side in case the entered number exceeds 16 digits.

## **Display after a call is terminated**

When the call is terminated, the current screen remains for 2 seconds before the phone returns to idle.

## **Using the Intercom**

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 an external call (a beep tone can be heard on the handsets). A third handset, if it exists, may answer the call.
2. When a handset is in call mode, the other handsets are able call each other using the intercom.

## **Making External Calls**

### **Making Calls – Pre-Dialing**

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

1. Enter the number. It will be displayed in enlarged font. In the event that 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 dialing sequence by holding "0". The pause 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.

...890123P96322300  
00:00:01

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

## **Making Calls – Post-Dialing**

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 first 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 **INT** and enter the number of the corresponding handset (e.g.2) that will receive the transfer of the call.
2. The external caller is kept on hold. As soon as handset 2 takes the call, press the **OFF** key to transfer the call to handset 2.

Note: the handset which initiates the intercom call can switch between the phone call and the intercom handset by pressing **PROG//OK** key twice to select the 'Switching'. (When the intercom is connecting, the far end user will hear a beep tone)

Or

3. In order to join a Teleconference, simply press the **Talk/Spk** or **LDS** button of a handset not currently on the external call and the 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**

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. If the 'waiting' call is not answered, the display will return to normal active call after 20 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.

**For more information on Call Waiting options, contact your local service provider.**

## **Redial**

The last **10** numbers called are stored in the 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 if there is no redial memory, 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.

### **Using the 'Hands-Free' Handset Speakerphone**

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 and talk hands-free. It's a portable speakerphone!

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

While in conversation, the hands-free function can be enabled or disabled pressing and holding **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 N' Talk Service (The LDS Key)**

Pay N' Talk LDS access from the Handset  
To dial a long distance number:

1. Press the money saving green **LDS** button.
2. The phone automatically goes off-hook and you are connected to the Pay N' Talk service.
3. Dial the number you wish to call

Note: LDS can also be accessed after Talk/Spk is pressed. Dial tone will stop and LDS will appear while connecting to the Long Distance platform.

You can connect with a customer service operator, add funds to your pre-paid Pay N' Talk account or establish recurring recharge for your Pay N' Talk service at any time by pressing the money saving green button.

### **Handset Menu and Programming**

1. Press the **PROG//OK** key to enter the menu.
2. Use the **▲ / ▼** keys to scroll through the menu items. By pressing the **▼** key 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 go 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 the 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 active call.

If there are no key presses for 1 minute 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.

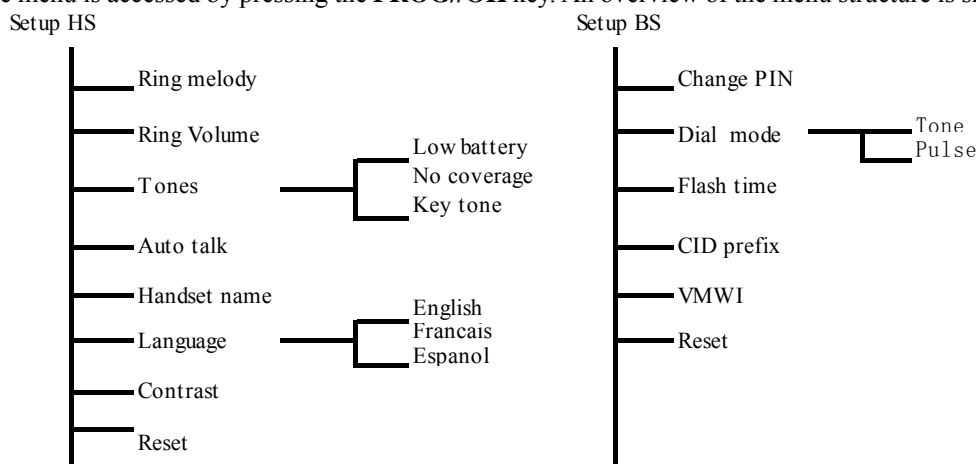


Figure 1.1 Menu structure.

## Call Log (Caller ID)

Caller ID logs all incoming calls with a valid Caller ID, provided the phone numbers 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 indicator is removed when the call log has been reviewed.

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

The call log is reviewed as follows:

1. Press **Caller ID** to enter the menu.
2. The caller's name will be shown in the second line of the display, and the number in the third line. If the time and date information are contained in the Caller ID and there are three lines in the display, it will be shown in the top line.

12/10 7:48 <sup>PM</sup> NEW
SOMEBODY
987-654-3210

The name contained in the received Caller ID will be 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 11:02 <sup>AM</sup>
ANOTHERPERSON
012-345-6789

The following actions are possible from the call log:

- **Dial** the caller displayed by pressing the **Talk/Spk** key.
- Press the **PROG//OK** key and, using the **▼** and **▲** keys, you can select the following actions.
  - **Select** the number and edit it as pre-dialing. Press the **Talk/Spk** key when you have finished editing and you are ready to dial.
  - **Save number**: Save the Caller ID 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 name.

**Note:** Caller ID 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 pressing the **PROG//OK** key, you will be asked to 'Confirm?'; you can either accept deletion by pressing **PROG//OK** or cancel it by pressing **Clear**.

- **Delete all?:** You can delete all entries in the call log by pressing the **PROG** key. You will then be asked to ‘**Confirm?**’ Accept the deletion by pressing **PROG//OK** or cancel it by pressing **Clear**.

By selecting **PROG//OK**, the phone displays “All deleted” and then “Empty”. It returns to main menu after deleting. By selecting **Clear**, the phone returns to the Call Log.

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

Two information 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.
- The maximum length of the number shown in the third line is 16 digits. If the number is longer than 16 digits, the “...” will display on the left most position and followed by the last 15 digits.  
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, ‘**Empty**’ is displayed and the phone returns to the main menu after 2 seconds.

Empty
-------

## CALLER ID Prefix

- When Caller ID is received, a prefix digit ‘1’ is optionally added before saving to the Call log. The option is available to the user via the Handset menu settings.
- If adding prefix digit ‘1’ option is enabled, this digit ‘1’ will only be added if the received CID pattern matches the same conditions as indicated in *Table 1.1*. For examples:  
If the received Caller ID is 345-6789 it will be saved as 1-345-6789.  
If the received Caller ID is 987-345-6789, it will be saved as 1-987-345-6789.  
If the received Caller ID is 1-345-6789, it will still be saved as 1-345-6789.  
If the received Caller ID is 1987-345-6789, it will still be saved as 1-987-345-6789.  
If the received Caller ID is 45-6789, it will still be saved as 456789 without any change.  
If the received Caller ID is 61-245-6789, it will still be saved as 61-245-6789 without any change.  
If adding prefix digit ‘1’ option is disabled, the original CID digits received from PSTN will be stored into Call log without any change.

## Smart Dialing

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 **Phone Book** 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**. 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 pressing **Phone Book**.

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 a 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:

Phonebook Empty
-----------------



## How to use your Phone Book:

### Searching for and dialing from the Phone Book:

1) Press **Phone Book**

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

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

**R**

```
>ROBERT
  ROGER
```

\*

```
>9898327822
  ROGER
```

3) Press the **TALK/SPK** key to dial the number.

```
ROBERT
00:00:01
```

### Editing a Phone Book entry:

1) Press the **Phone Book** key.

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

**R**

```
>ROBERT
  ROGER
```

3) Press the **PROG//OK** key.

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

```
9898327777
```

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

```
ROBT
```

6) Press the **CLEAR** key to erase the rightmost character. A long **CLEAR** key press erases the whole name.

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

### Deleting a Phone Book entry:

1) Press the **Phone Book** key.

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

**R**

```
>ROBERT
  ROGER
```

3) Press the **PROG/OK** key.

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

5) Press **PROG** to accept. “Deleted” will display for 2 seconds. The Phone Book displays the next entry. **-OR-** Press **Clear** to abort.

```
Confirm?
```

### Entering new names and numbers into the Phone Book

1) Press the **Phone Book** key.

2) Press the **PROG/OK** key 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 the number cannot be saved.

Enter name

6) Press the **PROG//OK** key. 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, '**Memory full**' is displayed and an error tone is emitted.

Memory 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 after 3 seconds.

## Ring Volume

The ring volume is adjusted by the following key sequence:

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

> Ring melody  
Ring volume

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

■■■

3) Use the **▼/▲** keys. The current ring tone will be played once at the selected new volume.

■■

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

>RING VOLUME  
Tones

Ringling is switched off by holding the \* 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 the **PROG/OK** key twice to select **Setup HS**.

> Ring melody  
Ring volume

2) Press **PROG/OK** once more.

3) Use the **▼/▲** keys. The selected ring pattern is played for you.

>Melody 1  
Melody 2

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

Saved

## Auto talk

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

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

> Ring melody Ring volume
------------------------------

- 2) Press the ▼ key three times.

> <b>AUTO TALK</b> Handset name
------------------------------------

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

>On OFF
------------

- 4) Use the ▲ or ▼ key to select your option (On / Off)

- 5) Press the **PROG/OK** key 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 the **PROG/OK** key twice to select **Setup HS**.

> Ring melody Ring volume
------------------------------

- 2) Press the ▼ key two times.

> <b>Tones</b> Auto talk
-----------------------------

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

>Low battery No coverage
-----------------------------

- 4) Press the **PROG/OK** key to enter the Low battery tone sub-menu.

- 5) Use the ▲ or ▼ key to select your option (On / Off).

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

**Note:** Low battery alert tone is off 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 the **PROG/OK** key twice to select **Setup HS**.

> Ring melody Ring volume
------------------------------

- 2) Press the ▼ key two times.

> <b>Tones</b> Auto talk
-----------------------------

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

>Low battery No coverage
-----------------------------

- 4) Press the ▼ key once.

> <b>No coverage</b> Key tone
----------------------------------

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

**Note:** No coverage alert tone is Off by default

## Key Tone

When the key tone option is enabled, any key pressed generates a click sound. To access the Key Tone option:

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

```
> Ring melody
Ring volume
```

- 2) Press the **▼** key two times.

```
>Tones
Auto talk
```

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

```
>Low battery
No coverage
```

- 4) Press the **▼** key two times.

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

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

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

**Note:** Key Click is On by default

## 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.

## 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.

To set your Handset name:

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

```
> Ring melody
Ring volume
```

- 2) Press the **▼** key four times.

```
>HANDSET NAME
LANGUAGE
```

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

```
Handset
```

4) Enter the 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

To set the language used in the Handset display:

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

>Ring melody  
Ring volume

2) Press the ▼ key five times.

>**Language**  
Contrast

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

>English  
Francais

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

>Language  
Contrast

The default language is **English**.

## LCD Contrast

To adjust the LCD contrast of the display:

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

> Ring melody  
Ring volume

2) Press the ▼ key six times.

> **Contrast**  
Reset

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

■■■

4) Use the ▼/▲ key to select the new contrast.

■■

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

>Contrast  
Reset

The default Contrast is set to **3**.

## Reset Handset

To reset the Handset to its default setting:

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

> Ring melody  
Ring volume

2) Press the ▼ key seven times.

> **Reset**  
-----

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

Reset?

4) Press the **PROG/OK** key to confirm the setting. The system will perform a system reset.

## **Default Handset settings**

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	1	
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

## **Base PIN Code**

The Base settings and information can be reset by resetting the base unit. However, to avoid un-authorized resetting of the Base, a PIN Code is needed in order to Reset.

1) Press the **PROG/OK** key once and then press the ▼ key once to **Setup BS**.

> Setup BS  
Date/Time

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

Enter PIN

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

\*\*\_ \_

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

New PIN

5) Repeat the NEW PIN Code and Press the **PROG /OK** key.

Repeat PIN

**Note: Please record the PIN code as there is no way to find it within the system if you forget it.**

## **Base Dial Mode**

Depending on your Telephone network, you can select different Dialing modes:

- 1) Press the **PROG/OK** key once and then press the ▼ key once to select **Setup BS**.

```
> Setup BS
Date/Time
```

- 2) Press the **PROG/OK** key once to select **Setup BS**.
- 3) Press the ▼ key once and then the **PROG/OK** key once to select Dial Mode.
- 4) The current Dial Mode is shown with an arrow. Use the ▲ or ▼ key to select **Tone** or **Pulse** dialing.
- 5) Press the **PROG/OK** key to confirm the setting. The phone will return to the previous menu.

## **Base Flash Timing**

Depending on your Telephone network, you can select different Flash timing:

- 1) Press the **PROG/OK** once and then press the ▼ key once to **Setup BS**.

```
> Setup BS
Date/Time
```

- 2) Press the **PROG/OK** key once to select **Setup BS**.
- 3) Press the ▼ key twice and then the **PROG/OK** key once to select Flash Timing.
- 4) The current Flash Timing is shown with an arrow. Use the ▲ or ▼ key to select **100ms, 120ms, 270ms, 300ms, 370ms, 600ms** or **800ms**.
- 5) Press the **PROG/OK** key to confirm the settings. The phone will return to the previous menu.

## **Base CID Prefix**

You can set to add a prefix digit “1” to Call log by following procedures;

- 1) Press the **PROG/OK** key once and then press the ▼ key once to **Setup BS**.

```
> Setup BS
Date/Time
```

- 2) Press the **PROG/OK** key once to select Setup BS.
- 3) Press the ▼ key three times and then the **PROG/OK** key once to select Caller ID prefix.
- 4) The current Caller ID prefix is shown with an arrow. Use the ▲ or ▼ key to select On or Off.
- 5) Press the **PROG/OK** to confirm the setting. The phone will return to the previous menu.

## **Base Message Waiting LED**

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

- 1) Press the **PROG/OK** key once and then press the ▼ key once to select **Setup BS**.

```
> Setup BS
Date/Time
```

- 2) Press the **PROG/OK** key once to select **Setup BS**.
- 3) Press the ▼ key four times and the **PROG/OK** key once to select VMWI.

```
VMWI off
```

- 4) Press the **PROG/OK** key to confirm.

## **Resetting the Base**

You can reset the base through the following procedures:

- 1) Press the **PROG/OK** key once and then press the ▼ key once to **Setup BS**.

```
> Setup BS
Date/Time
```

- 2) Press the **PROG/OK** key once to select **Setup BS**.
- 3) Press the ▼ key five times and the **PROG/OK** key once to select Reset.

```
Enter PIN
```

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

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

## **Default Base setting**

<b>Item</b>	<b>Selection</b>	<b>Preset</b>	<b>Remark</b>
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	12:00a to 11:59p	12.01p	
Date	Any valid date within year 2000 to 2099	Year:2006 Month:1 Date:1	
CID prefix	On/Off	Off	

## **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 does not have a valid registration, the display shows:

Not Reg

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

Searching

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

Ext. in use

When a voice mail message waiting indicator signal is received at the base, the display shows:

Message waiting

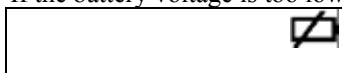
When there is a non-answered incoming call with Caller ID information, the display shows:

Missed calls

When the handset put on the cradle, it will display "Charging":

Charging

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



Note: Message and display priority.

1. Not Reg-no registration record.
2. Searching-out of range from base.
3. Ext. in use-HS is in use.



4. Message waiting-voice message waiting indication.
5. Missed calls-Caller ID missed call.
6. Charging-Handset on cradle for charging.

## **Registering Your Handsets (Adding Handsets to Your System)**

Further handsets can be registered with the Base station.

1. Press the **PROG/OK** key.
2. Press # 2 4 5 0 # keys in sequence.
3. Press the Down key repeatedly to select the REGISTRATION submenu.
4. Press the **PROG/OK** key.
5. Press the **PROG/OK** key again, Press and hold down 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.
7. If the registration succeeds, the display shows “Successful” for 2 seconds.
8. If the registration fails after 60 seconds, the display shows “No Base” for 2 seconds.

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

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

## **De-registering Your Handsets (Removing Handsets from Your System)**

Any handset can be removed from the Base station.

1. Press the **PROG/OK** key.
2. Press # 2 4 5 0 # keys in sequence.
3. Press the ▼ key repeatedly to select the **REGISTRATION** submenu.
4. Press the **PROG/OK** key.
5. Press the ▼ key once to **Remove handset**.
6. Press the **PROG/OK** key, then enter the PIN when requested. (Default setting=0000)
7. Press the **PROG/OK** key
8. Press ▲ or ▼ key to select a handset
9. Press the **PROG/OK** key twice to confirm, if the handset being used was selected, the display shows “**Not Reg**” or else will return to the upper menu and the corresponding handset display shows “**Not Reg**”.

## **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: DDKW401BE30001B](#). 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 “Getting Started” section for details.](#)
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: DDKW401BE30001B](#). The digits represented by **01** 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 that 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 protector is recommended.

3) 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.

4) For body worn operation, this handset has been tested and meets the FCC RF exposure guidelines. Use of accessories may not ensure compliance with FCC RF exposure guidelines.

5) The FCC ID for base of this product is:RAQE30001BBS,for handset is RAQE30001BHS.

Should you experience trouble with this equipment, please contact American Telecom Services 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 Services Support.

**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**  
**6 Concourse Pkwy**  
**Suite 1525**  
**Atlanta, GA 30328**

**For support with Pay N' Talk Service, call IDT Customer service 24  
hours a day, 7 days a week at 1-888-757-6545.**

## **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 Services do?**

- \* At our discretion, 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 Services.

### **What does our warranty not cover?**

- Batteries
- Damage from misuse, neglect or acts of nature (lightning, floods, power surges, etc.)
- Products which may 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 Services’ Customer Support** at:

**1-888-928-7746**

**For support with Pay N’ Talk Service, call IDT Customer service 24 hours a day, 7 days a week at 1-888-757-6545.**