Handset LEDs

LED	Description
	• Speaker LED (Orange) • LED is on when in a handsfree mode.

Base Unit Icons

Icon	Description

Base LEDs

| LED	Description
IN USE	• On when the phone is off hook. • Flashes when an extension phone or the TAD is off hook.
CHARGING	• On when the handset is charging in the cradle.
PAGE	• Will perform a global page.
MAILBOX 1,2,3	• Flashes when new messages are in the appropriate mailbox. On when only old messages are in the appropriate mailbox. Off when no messages are in the appropriate mailbox.
VOLUME^/v	• Adjusts the ITAD speaker volume. There are 7 volume levels.
MENU	• This key is used to scroll through the ITAD menu options
CHANGE	• This key is used to select the various menu options.
TIME/SET	• When pressed in idle mode, the current time will be announced. When pressed in menu mode, the current setting will be confirmed or reviewed.
REC/MEMO	• This key will put the ITAD into record mode to record the OGM or a memo.
DELETE	• This key will cause the ITAD to erase the ICM, OGM or memo. One or all messages can be erased.
REPEAT/ SLOW	• This key is used to repeat a message or play a message slowly. If the key is pressed and released, the message will be repeated. If the key is held, the message will play back at half the normal speed.
SKIP / QUICK	• This key is used to skip a message or play a mesage quickly. If the key is pressed and released, the message will be skipped. If the key is held, the message will play back at twice the normal speed.

11

Making Calls

• Press **ON** (or, **SPEAKERPHONE** to use the Handset Speakerphone feature). Dial the phone number.

-OR-

• Dial the phone number first; then press **ON** (or **SPEAKERPHONE**).
• Press **OFF** to end your call
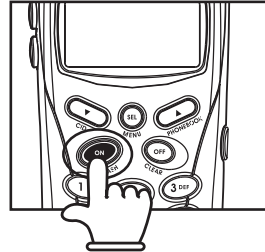
Answering Calls

From the Handset
• Press any key except **OFF** and the softkeys.
• Press **OFF** to end your call.
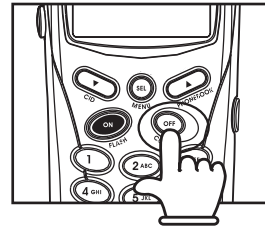
Intercom Call

Pressing INT key when the handset is idle initiates an intercom call.

• Press **INT**

```
    CALLING
 OTHER HANDSET
```

The call is performed and when the other handset answers, the display will change to:

```
 INTERCOM
  OTHER HANDSET
```

If the other handset is out of range, turned off or on an external call, the display will show and a busy tone will be heard on the earpiece, or through the speaker if in handsfree mode.

```
 UNABLE TO CALL
  AT THIS TIME
```

An intercom call is terminated by:
• Pressing **OFF** or **INT**,
• Placing the handset in the charger

After terminating an INTERCOM CALL, the display on both handsets will show:
On the handset that did not terminate the call, a busy tone will be heard, indicating the other handset has ended the call. After several seconds the display will return to idle and the busy tone will stop.

```
 INTERCOM ENDED
```

12

The handsets share a common phone book, which is stored in the base station. This means that entries inserted by one handset are available for both handsets, and if one deletes a phone book entry, it will disappear from both handsets.

The phone book size will hold 50 entries, with names of a maximum length of 16 characters and a 32-digit maximum phone number.

The phone book entries are sorted and presented to the user in alphabetical order.

Names are entered using the numerical keys. Multiple key presses of the dialing digit keys is used to generate characters, 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 **DELETE** or ▼. The entire name is cleared by holding down **DELETE**.

| Key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	space	1							
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)			
#	#	'	,	-	.	&			

The phone book is entered via the menu, as described below or by pressing the /\ key in idle (quick access key) whereby the handset jumps directly to the phone book search menu.

The phone book is accessed as follows:

1) Press **SEL**, to enter the menu.
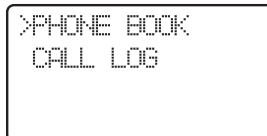
>PHONE BOOK
CALL LOG

2) **SEL**, to enter the Phone book sub-menu.

>REVIEW
STORE
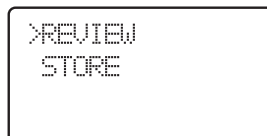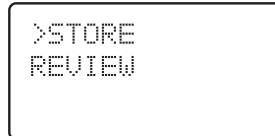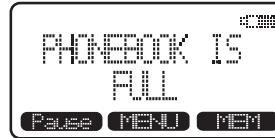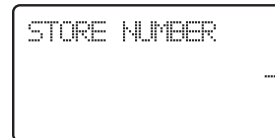
Storing a new entry

1) Press the ▲ key in idle, or scroll through the sub-menu with the ▲ and ▼ keys and press **SEL** with "STORE" in the first line.
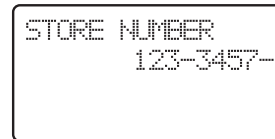
```
>STORE
REVIEW
```

2) If the phone book is full the screen will show,
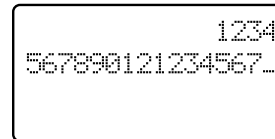
```
PHONEBOOK IS
FULL
Pause  MENU  MEM
```

3) If the phone book is not full, the user will be prompted to enter the phone number to be stored as shown below:

```
STORE NUMBER
              ...
```

4) Enter the number, up to 32 digits. Press **DELETE** to backspace.

```
STORE NUMBER
          123-3457-
```

In cases the number exceeds 16 digits, the top line will be used to show the entire number.

```
               1234
5678901212345 67...
```

5) Press **SEL** to confirm the number. If there is duplicate number in the phone book, the screen will show:

```
NUMBER ALREADY
IN PHONE BOOK!
```
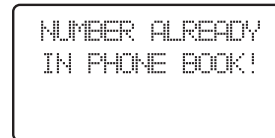
and the Handset will return to the 'STORE NUMBER' screen. If the number is unique, you will move to the name entry screen,

```
STORE NAME
...
```
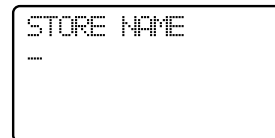
6) Enter the associated name. Use 1 to add a space and **DELETE** to backspace.

```
STORE NAME
John Smith_
```
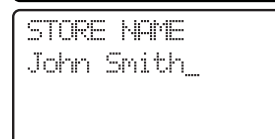
7) Press **SEL** to confirm the name. A name must be entered, or you cannot proceed to the next step. Unlike phone numbers, duplicate names are allowed. The new record will be stored in the phone book.

```
John Smith
<* 7890121234567
```

Basic Operation

14
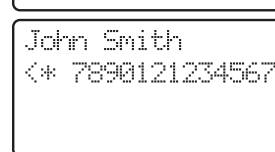
The user can press **CLEAR** to return to the phone book operation screen, which will show the last operation:

```
>STORE
REVIEW
```

Dialing from the phone book

A number can be recalled and dialed from the phone book by:
1) Press the ▲ key in idle, or scroll through the menu with the ▲ & ▼ keys and press **SEL** with "**REVIEW**" in the first line. The first phone book entry will be shown.

2) Scroll through the phone book entries using ▲ and ▼ keys or enter first character of the name to be searched (using the dial digit keys) and continue navigating using the ▲ or ▼ as scroll keys, until you reach the entry to be dialed.

3) Press **ON** or **SPK**, to dial the number.

```
Kevin James
        432-5434
```
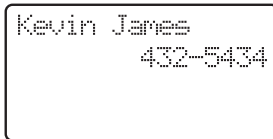
```
John Smith
        555-1212
```

```
ACTIVE  00:00:10
        555-1212
```

Editing a phone book entry
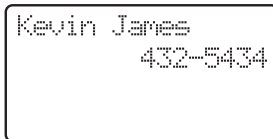
1) Press the ▲ key in idle, or scroll through the menu with the ▲ & ▼ keys and press **SEL** with "REVIEW" in the first line.

2) Scroll through the phone book entries using ▲ and ▼ keys or enter first character of the name to be searched (using the dialing keys) and continue navigating using the ▲ or ▼ as scroll keys, until you reach the entry to be edited.

3) Press **SEL** to enter number edit mode

```
Kevin James
        432-5434
```

```
John Smith
        555-1212
```

```
EDIT NUMBER
        123-4567_
```

4) Edit the number as required, using the following options:

When editing or storing a number, you may do any of the following:

  • Enter a digit by pressing **0-9**,

Basic Operation

• Enter a pause by holding **REDIAL**,
• Delete a digit by pressing **DELETE**,
• Delete the entire string by holding **DELETE**,
• Position the cursor to another location by pressing ▲ or ▼,
• Insert a number from the redial list by pressing **REDIAL**.

5) Press **SEL** to confirm the number and enter name edit mode.

```
EDIT NAME
John Smith_
```

6) Edit the name as required, using the following options:
   • Enter characters using the keys 0-9, * and # (See the key/characters table),
   • Press **DELETE** to delete the character under the cursor, or to the left if at the end of the string.
   • Hold **DELETE** to delete the entire string,
   • Press ▲ and ▼ to position move to another character.

7) Press **SEL** to confirm change.
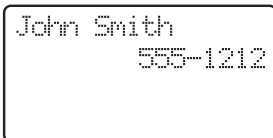
```
John Smith
        555-1212
```

Delete a phone book entry

1) Press the ▲ key in idle, or scroll through the sub-menu with the ▲ & ▼ keys and press **SEL** with "**REVIEW**" in the first line.

```
Kevin James
        432-5434
```

2) Scroll through the phone book entries using ▲ and ▼ keys or enter first character of the name to be searched (using the dial digit keys) and continue navigating using the ▲ or ▼ as scroll keys, until you reach the entry to be removed.

```
John Smith
        555-1212
```

3) Press **DELETE** to delete the entry. The phone returns to the previous entry, or the next entry if the first entry was the entry that was deleted.

```
Kevin James
        432-5434
```

16

Basic Operation

Additional note on long phone numbers.

When reviewing the phone book the second line of the display will display phone number up to 16 digits. For numbers larger than 16 digits only the last 13 digits will be displayed, as shown in the following example:

```
John Smith
<* 123456789Ø123
```

The "<*" indicates there are additional digits to the left, and the * key can be pressed to scroll the display over to see them.

```
John Smith
<* 789Ø123456 #>
```

"<" and ">" indicate additional digits of the left or right side respectively, and the keys "*" or "#" can be used to scroll the phone number to see the additional digits,

Calls Log (Caller ID - Call Waiting)

All incoming calls with valid caller ID number are stored in a call log. Name and time/date information is also stored in the call log if the central office sends it out.

The number of entries stored in the call log is indicated in idle mode:

```
        VTECH
    5 NEW CALLS
    ──
```

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

```
        VTECH
    23 CALLS/5 NEW
```

The new call indication is removed when all calls in the call log have been reviewed. The NEW icon indicates, in all screens, that there are new calls log entries that have not been reviewed.

The call log is entered via the menu, as described below or by pressing the ▼ key in idle (quick access key) whereby the handset jumps directly to the call log review.

```
>PHONE BOOK
 CALL LOG
```

The call log is reviewed as follows:
1) Press **SEL**, to enter the menu.

17

2) Press ▼ to get to the call log option

```
>CALL LOG
 QUICK DIAL
```

3) **SEL**, to enter the **CALL LOG** menu.

4) The caller name is shown in the first line of the display, and the number in the second line. If time and date information is contained in the CID and there are three lines in the display, it is shown in the third line.

```
    John Smith
123-4567
    2/2311:59
```

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.

5) Scroll through the Call Log entries using ▲ and ▼ keys.

```
A. Person
        555-1212
    2/2311:57
```

The following actions are possible from the Call Log:
- Dialing the caller displayed by pressing the **ON** or **SPK** keys.
- Deleting the caller displayed by pressing the **DELETE** key. The phone returns to call log review.
- Deleting all entries in the call log by pressing and holding **DELETE**. After this, you will be asked for confirmation by either accepting the deletion with **SEL** (= yes) or canceling it with **OFF** (= no).

If you press SEL, all entries in the call log will be deleted and the handset indicates the call log is empty and then returns to the idle state. If you select OFF, the phone returns to the last viewed entry.

```
DELETE ALL
CALL LOG?
```

- Storing the caller displayed in the phone book by pressing the **SEL** key. If the call log entry has a name and a number it will be added to the phone book and the screen will show:

```
ADDED TO
PHONE BOOK
```

before returning the call log entry.
If the phone number already exists in the phone

18

book, the entry will not be stored, and the screen will show:

```
NUMBER ALREADY
IN PHONE BOOK!
```

If there is no room in the phone book for the new entry, the display will show:

```
PHONE BOOK
IS FULL!
```

If the call log entry is missing a name or number, you will be prompted to enter one before the item is stored in the phone book.

If both a name and number is missing, for example as in a private listing, the request will be rejected with the message:

```
UNABLE TO SAVE
IN PHONE BOOK!
```

> • Exit the Call Log review by pressing the **OFF** key.
> • '!'-character in the right hand side of the first line indicates that the call has not previously been reviewed. The '!'-character is cleared when stepping to the next entry in the log or when leaving the call log.
> • The maximum length of the name shown in the first line is 16 characters. If the name as received is longer, only the first 16 characters will be seen.
> • The incoming calls are sorted by the order of arrival; the latest is shown first. Calls from the same number will each have separate call log entries.

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 the following message is displayed:

```
CALL LOG
IS 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 will toggle the number format. The available number formats depend on the number of digits received number.

19

Up to 10 'quick dial 'numbers may be entered into each handset. It is possible to 'quick dial' numbers with just a single key press.

The quick dial list in each handset is unique to that handset and is not shared with the other handset.

Entering a Quick Dial number

1) Press **SEL** when the handset is idle to enter the menu system.

```
>PHONE BOOK
 CALL LOG
```

2) Move down to the quick dial option by pressing the ▼ key.

```
>QUICK DIAL
 RING VOLUME
```

3) Then press **SEL** to enter the quick dial sub menu.

```
SELECT QUICK
DIAL NUMBER
```

4) Select a quick dial key location using the 0-9 keys. If that location is empty the screen will show:

```
QUICK DIAL x
  IS EMPTY!
```

where 'x' is the location that was selected (0-9). At this point pressing **OFF** will return you to the quick dial select screen as shown in Step 2, or pressing **SEL** will allow you enter a phone number into the selected location. The user will then be prompted to enter a phone number to be dialed, as shown,

```
STORE NUMBER
           ....
```

A phone number can be entered in much the same way as the phonebook. The following options are also available, if the displayed number has no digits:

> • Press ▲ to select an entry from the phone book.
>
> You are presented with the phone book review screen. You can navigate to a desired entry as

20

Basic Operation

described in the phone book section. Pressing **SEL** will copy the stored number to the quick dial number.

 • Press ▼ to select an entry from the call log.

You are presented with the call log review screen. You can navigate to a desired entry as describe in the call log section. Pressing **SEL** will copy the phone number shown into the quick dial number.

 • Press **RDL** to select an entry from the redial list.

You are presented with the call log review screen. You can navigate to a desired entry as describe in the call log section. Pressing **SEL** will copy the phone number shown into the quick dial number.

If all cases, while reviewing phone book, call log or redial list to copy to the quick dial, pressing **OFF** will return the user to the quick dial number entry screen.

5) The user presses **SEL** to confirm the number. Once confirmed, a quick dial number cannot be edited, only dialed or deleted.

Reviewing quick dial numbers

1) Press **SEL** when the handset is idle to enter the menu system

```
>PHONE BOOK
 CALL LOG
```

2) Move down to the quick dial option by pressing the ▼ key,

```
>QUICK DIAL
 RING VOLUME
```

21

3) Then press **SEL** to enter the quick dial sub menu.

```
SELECT QUICK
DIAL NUMBER
```

4) Select a quick dial key location using the 0-9 keys. If that location has a number assigned to it, it will be displayed as follows:

```
John Smith
1-234-567-8901
```

or

```
555-1212
```

At this point, you have the following options:
- Press **OFF** to return to the main menu.
- Press **0-9** to review another quick dial location.
- Press **SEL** to edit the currently shown location. The procedure to edit the number is the same as for editing a phone book number.
- Press **DEL** to delete the currently shown location. The following will be shown:

```
CONFIRM DELETE
QUICK DIAL x
```

Where x is the quick dial location number. Pressing **OFF** will return to the quick dial review as shown above. Pressing **SEL** will confirm the deletion and

```
QUICK DIAL x
  IS EMPTY!
```

will be shown, indicating the location has been deleted.
- Press **ON** or **SPK** to dial the displayed number.

Dialing a Quick Dial number

A quick dial number can be dialed in two ways.
1. While reviewing the quick dial numbers as previously shown.

22

2. While the handset is idle or in pre-dial, as follows:

While the handset is idle the user can perform a quick dial by holding down the desired quick dial location key (0-9). If the location is empty then

will be shown for a few seconds before returning to the idle or pre-dial screen.

```
QUICK DIAL
NOT ASSIGNED!
```

If the location does have an entry, then that number will be added to any pre-dialed digits and the phone will go off-hook and begin dialing.

Audio Volume

Audio volume is adjusted during an active call by the following key sequence:

Pressing the volume ▲ or ▼ keys on the side of the unit. Separate volume settings are maintained for normal, handsfree and headset modes. When the volume keys are pressed during a call the screen will show:

```
VOLUME
■■■■■
```
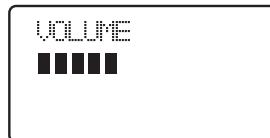
As the volume is increase the number of blocks shown will increase. As the volume is decreased fewer blocks will be shown.

Ring Volume

The volume of the ringer signal can be adjusted by the following key sequence:
1) Press **SEL**

```
>PHONE BOOK
 CALL LOG
```

2) Press the ▼ key until the following is shown on the display.

```
>RING VOLUME
 RING TONE
```

3) Press **SEL** to enter the ring volume sub-menu.

4) Enter volume 0 - 6, or adjust using ▲ and ▼ keys. The current ring tone/melody is played

```
RING VOLUME
■■■■■
```

23
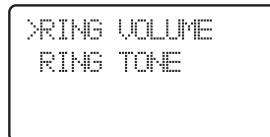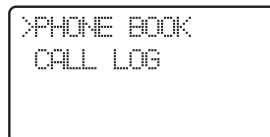
each time the setting is adjusted.

5) Press **SEL** to confirm the setting.

```
>RING VOLUME
 RING TONE
```
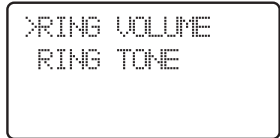
With no bars displayed (Volume Level 0), the ringer has been turned **OFF**.

```
RING VOLUME



            ⌀
```

A "ringer off" ICON ⌀ is shown in the display when the ringer has been switched off.

```
      VTECH



            ⌀
```

Ring tone

The ring tone of an incoming external/intercom call can be changed by the following key sequence:
1) Press **SEL**

```
>PHONE BOOK
 CALL LOG
```

2) Press the ▲ or ▼ keys until the **RING TONE** option is shown as follows:

```
>RING TONE
 KEY CLICK
```

3) Press **SEL**, to enter the ring pattern menu.

4) Press the ▲ & ▼ keys followed by the **SEL** key to choose either **OUTSIDE** or **INTERCOM** ring tone setting.

```
OUTSIDE RINGER
1
```

or

```
INTERCOM RINGER
1
```
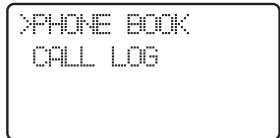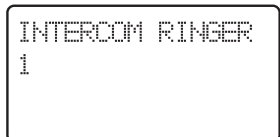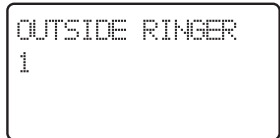
5) Enter setting 0 - 9, or adjust using ▲ and ▼ keys. When changed the indicated ring tone will be played in the speaker.
6) Press **SEL**, to confirm the setting.

```
>INTERCOM CALL
 OUTSIDE CALL
```

24
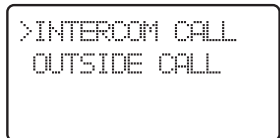
Key Click (preset to ON)

When you press a key on the Handset, you hear a confirmation 'click'. You can turn this feature Off and On by doing the following:
1) Press **SEL**

```
>PHONE BOOK
 CALL LOG
```

2) Press the ▲ or ▼ key until the KEY CLICK option is shown as follows:

```
>KEY CLICK
 HANDSET NAME
```

3) Press **SEL**, to enter the key click sub-menu.

```
KEY CLICK
IS ON
```

4) Enable key click by pressing **1** or ▲, or disable key click by pressing the 0 or ▼ key.

```
KEY CLICK
IS OFF
```

5) Press **SEL**, to confirm the setting.

```
>KEY CLICK
 HANDSET NAME
```

Handset Name

It is possible to gives each handset its own unique name. The name is shown in the first line during idle replacing the "**VTECH**", normally shown when the Handset is idle.
The name can be a maximum of 16 characters in length.

The handset naming procedure is as follows:
1) Press **SEL**

```
>PHONE BOOK
 CALL LOG
```

2) Press the ▲ or ▼ keys until the **HANDSET NAME** option is shown as follows:

```
>HANDSET NAME
 LANGUAGE
```

Basic Operation

25

Basic Operation

3) Press **SEL**, to enter the handset name sub-menu.

```
HANDSET NAME
_
```

4) Enter Handset name (characters are entered in the same way as for the phone book).

```
HANDSET NAME
Kitchen_
```

5) Press **SEL**, to confirm the setting.

```
>HANDSET NAME
 LANGUAGE
```

When returning to idle the display shows:

```
      Kitchen
```

Language (preset to English)

You can change the language on the Handset display:
1) Press **SEL**

```
>PHONE BOOK
 CALL LOG
```

2) Press the ▲ or ▼ key until the **LANGUAGE** option is shown as follows:

```
>LANGUAGE
 CLR MSG WAITING
```

3) Press **SEL**, to enter the language selection menu. The current language is shown in the second line. Select Spanish, French or English by pressing ▲ or ▼ key.

```
LANGUAGE
ENGLISH
```

4) Press **SEL**, to confirm the setting. The phone returns to the previous menu.

```
>LANGUAGE
 CLR MSG WAITING
```

26

Message Waiting

Your telephone can detect a Visual Message Waiting signal, generated by many telephone service providers. If you subscribe to Voice Mail service from your local telephone company (fee required), and a Visual Message Waiting signal is provided, the Handset will display **MESSAGES WAITING**, alerting you to new messages.

Once you have reviewed all new messages, the Messages Waiting alert will automatically be turned off.

Clear Message Waiting

If, after reviewing all new voice mail messages, the Messages Waiting alert still remains on the screen, the Messages Waiting indication can be manually removed from the display by the following sequence:
1) Press **SEL**

```
>PHONE BOOK
 CALL LOG
```

2) Press the ▲ or ▼ keys until the **CLR MSG WAITING** option is shown as follows:

```
>CLR MSG WAIT
 DIAL TYPE
```

3) Press **SEL**, to enter the message menu.

```
CLEAR MSG WAIT
CONFIRM?
```

4) Confirm clearing of the message waiting indication by pressing **SEL** (= yes), or cancel clearing by pressing **OFF** (= no). After this the phone returns to the previous menu.
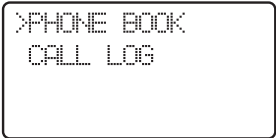
```
>CLR MSG WAIT
 DIAL TYPE
```

Dial Method (preset to DTMF-Tone)

It is possible to change the method of dialing between DTMF (Tone) and pulse dialing, if your local phone company requires pulse dialing in your area:

1) Press **SEL**

```
>PHONE BOOK
 CALL LOG
```

2) Press the ▲ or ▼ keys until the DIAL TYPE
   option is shown as follows:

```
>DIAL TYPE
 PHONE BOOK
```
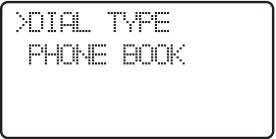
3) Press **SEL**, to enter the dial sub-menu.

```
>DIAL TYPE
 DTMF
```
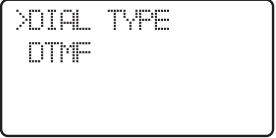
4) Press ▲ or ▼ to choose the method of   dialing
   , the display looks like the one below

```
>DIAL TYPE
 PULSE
```
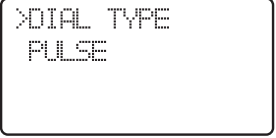
5) Alternately the user can select pulse
   dialing by pressing **1** or ▲. Select DTMF
   dialing by pressing **0** or ▼.

6) Press **SEL** to confirm the setting.

```
>DIAL TYPE
 PHONE BOOK
```

Temporary Tone

When the phone is set for pulse dial mode, it is
possible to switch to temporary DTMF-Tone
mode during an ongoing call by pressing * .
Once pressed, DTMF will be used for the rest of
the call. After you hang up, the phone will return
to pulse dialing for the next call.

Call Forward & Call Transfer

An external call can be forwarded or transferred
from one handset to the other handset. The
difference between forward and transfer depends
on if the sending handset needs to talk with the
receiving handset, before the external call is
actually sent to the other handset.

Call Forward

A handset on an external call can forward it to the other handset by holding down the **INT** key. The display will initially show:

```
SENDING CALL TO
  OTHER HANDSET
```

If the base can connect to the other handset, the display will change to:

```
CALL SENT TO
OTHER HANDSET
```

And then return to the idle display.

If the base cannot find the other handset as a result of it being out of range or powered off, the display will show:

```
OTHER HANDSET
NOT AVAILABLE
```

And the external will 'call back' to the handset.

Call Transfer

An external call is transferred by:

1. Press INT key (the external call is put on hold)
2. Destination handset will ring, showing an intercom call.
3. Pressing the ON key on the destination handset will answer the intercom call.
4. Inform the person using the destination handset that they have a call on hold.
5. Press OFF, on the first handset, to transfer external call to other handset.

If there is no answer on the destination handset, the first handset can reconnect to the held call by pressing **INT** to reconnect to the external call.

Call Back

After forwarding a call, a CALL BACK is generated in the forwarding handset if the forwarded call is not answered within 30 seconds. When a call is returned to a handset, it will show the following while ringing:

```
CALL BACK
```

Basic Operation

29

If the returned call is not answered within 30 seconds, the phone automatically goes on hook, dropping the external call.

Conference

It is possible to establish a conference between two handsets and the external line.

If a handset already has a connection to the external line, and another handset goes off-hook, a conference is immediately established. Both handsets will show:

```
CONF.     00:00:20
          555-1212
```
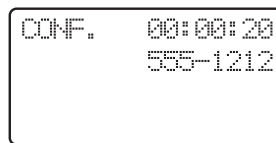
Both handsets connected to the external line are allowed to transmit DTMF digits / dialing pulses to the line.

If a handset is on the process of transferring a call to the other handset it is possible to conference with both calls by holding down the **INT** key. Holding **INT** when connected to either party, when transferring, or call toggling, will immediately conference both handsets and external line.

A handset can leave the conference by going on-hook, by pressing **OFF**, or placing the handset on the base or charging cradle. The connection continues between the remaining handset and the external party.

Redial at On-Hook state

Pressing **REDIAL** while the handset is idle or pre-dialing will access the last dialed number. Subsequent presses of **REDIAL** will access previously dialed numbers. After the fifth number the redial list will cycle back to the most recently dialed number. Alternately, you can use the ▲ and ▼ keys to scroll through the 5 previously dialed numbers.

Pressing **OFF** will cancel the redial list review.

Pressing **ON** or **SPK** will add the shown redial number to any pre-dialed digits, go off-hook and start dialing.

Pressing **SEL** add just add the shown redial to any pre-dialed digits.

Redial at Off-Hook state

Pressing **REDIAL** when on an external call will display the last dialed number. After two second the shown number will be automatically dialed. If during this time, **REDIAL** is pressed again the display will return to the external call presentation, and the number will not be dialed.

30

Flash

During an ongoing external call, press the **FLASH/ON** key to flash the line (to respond to a Call Waiting signal, for example).

Mute

It is possible to mute the microphone during a conversation by pressing the **DELETE/ MUTE** key. The microphone is un-muted by pressing **DELETE/MUTE** again.

In case the external line is muted, when establishing an intercom connection, the line is un-muted automatically after the intercom call is terminated. The line is also un-muted after the FLASH feature is used.

A text message in the display indicates when the microphone is first muted.

```
ACTIVE   00:00:12
MICROPHONE MUTED
 MUTE
```

The MUTE icon will also be shown when-ever the microphone is muted.

```
          MUTE
```

When mute is disabled, this message will briefly be shown:

```
ACTIVE   00:00:15
          555-1212
 MUTE
```

```
ACTIVE   00:00:12
 MICROPHONE ON!
```

And the MUTE icon will turn off.

Advanced Operation

31

Page

The page function is used as an aid to locate the handsets. It can be only done from the Base.

To activate paging the user presses the **PAGE** button on the base.

All handsets not currently active on a call will show:

and start the paging sound.

Either handset can cancel the page by pressing any of the **PHONE, 0-9, *, #** or **SPK** keys.
Or, press **PAGE** at the Base to cancel the page.

```
BASE IS
PAGING!
```

32

SETTING UP YOUR ANSWERING SYSTEM

Set outgoing Message (Your Greeting)

Press **MENU**. Voice prompt will say "Set Outgoing Message".
Press any **MAILBOX** key to hear your greeting.

To Erase your Outgoing Message

Press **MENU**. Voice prompt will say "Set Outgoing Message".
Press any **MAILBOX** key to hear your greeting.
Press **ERASE** while your greeting is playing. Voice prompt: 'Outgoing message has been erased.'

Pre-recorded Outgoing Messages

If you do not record your own Outgoing Message(s), your Answering System provides the following greetings:
(With Announce Only set to OFF) 'Hello! I'm unable to answer your call right now. Please leave your name, number and the message after the tone.'
(With Announce Only set to ON) 'Hello! I'm unable to answer your call right now. Please call again. Thank you!'

HINT FOR RECORDING OUTGOING MESSAGES

If you want to use the Mailbox feature of your answering system, instruct your caller to press **1**, **2** or **3** before leaving a message. By doing this, the message will be stored in the corresponding mailbox. For example:

*"Howdy! We can't come to the phone right now. To leave a message for Tex, press **1** now; to leave a message for Gomer, press **2** now; or, to leave a message for Fabio, press **3** now; or, just wait for the beep, and start talkin'. Thanks, pardner!"*

If your caller does not select a mailbox, the message will be recorded in Mailbox **1**.

Set Security Code

A 2-digit security is required to access your answering system from a remote location.
Press **MENU** until 'Set Security Code' or 'Change remote access code' prompt is heard.
Press **SELECT** to hear the current setting.
Press **SELECT** again to advance the setting by 1; or press and hold to advance in increments of 10.
Press **TIME/SET** to confirm your setting.

SET AUDIBLE MESSAGE ALERT MODE (preset to ON)

This feature generates a beep tone at the Base every 10 seconds, alerting you to new messages.

Advanced Operation

33

To set AUDIBLE MESSAGE ALERT:

Press **MENU** until 'Set Audible Message Alert' is heard.

Pressing **SELECT**; the current setting will be announced.

Press **SELECT** again to toggle the between ON & OFF.

Press **TIME/SET** to confirm your setting.

SET ANNOUNCE-ONLY MODE (preset to OFF)

If you want your outgoing message to be heard by callers, but not take messages, set Announce Only to **ON**. However, if you want your callers to leave you messages, Announce Only must be set to **OFF**.

To set ANNOUNCE-ONLY:

Press **MENU** until: 'Set Announce Only' is heard.

Pressing **SELECT**; the current setting will be announced.

Press **SELECT** again to toggle between ON & OFF.

Press **TIME/SET** to confirm your selection.

SET CALL SCREENING MODE (preset to ON)

Call Screening lets you listen to the incoming message at the Base, as the caller leaves it.

To set **CALL SCREENING**:

Press **MENU** until: 'Set Call-Screening' is heard.

Pressing **SELECT**; the current setting will be announced.

Press **SELECT** again to toggle the between ON & OFF.

Press **TIME/SET** to confirm your selection.

SET BASE RINGER MODE (preset to ON)

The Base Unit has its own ringer, which operates independently of the Handset ringer.

To set the **BASE RINGER**:

Press **MENU** until: 'Set Base Ringer' is heard.

Pressing **SELECT**; the current setting will be announced.

Press **SELECT** again to toggle between ON & OFF.

Press **TIME/SET** to confirm your selection.

SET NUMBER OF RINGS

The Answering System has 4 'rings-to-answer' settings:

2 rings The incoming call is answered after 2 rings.

4 rings The incoming call is answered after 4 rings.

6 rings The incoming call is answered after 6 rings.

Toll Saver The incoming call is answered after 2 rings only if there are **new** messages/memos present in memory; otherwise, the call is answered after 4 rings. Thus, if Toll Saver is active, and your system rings 3 times when you call, you can hang-up to avoid any long distance charges.

To set **NUMBER OF RINGS**:

Press **MENU**: 'Set Number of Rings' is heard.

Pressing **SELECT**; the current setting will be announced.

Press **SELECT** again to select 2, 4, 6 & Toll Saver.

Press **TIME/SET** to confirm your selection.

Advanced Operation

34

Answering System Operation At the Base

LEAVING A MESSAGE (Announce Only set to OFF)

If your caller presses **1**, **2** or **3** as instructed by your outgoing greeting, he will hear *'Mailbox _, Now Recording'*, followed by a beep. If no mailbox is chosen, the message will be stored in Mailbox **1**.

If, after recording has begun, the caller does not speak, or hangs up, the recording will terminate in approximately 6 seconds.

The maximum length of each message or memo is **4** minutes. The maximum storage capacity of old & new messages / and memos is 99. Total capacity from all sources (Greetings, Messages and Memos) is approximately **15** minutes.

RECORDING A MEMO

Press **REC/MEMO** at the Base. You will hear '*Please select mailbox'*. Press the desired **Mailbox** key.

You will hear *'Now recording'*. Speak towards the Base Unit. During recording, the Message Window will count the recording time in seconds. If it exceeds 99 seconds, it will flash [99]. Press any **Mailbox** key when finished.

PLAYING MESSAGES & MEMOS

During IDLE mode, press **MAILBOX x** (x=1, 2 or 3). You will hear *'Mailbox X. You have XX new messages and XX old messages.'* (if there are new messages) or *'Mailbox X.*

You have XX old messages.' (if there are only old messages) or *'Mailbox X. You have no messages.'* (if there are no messages). Next, the system will play the messages in mailbox 1, 2 or 3. If there are old and new messages, only new ones are played back. If there are only old messages, all of them are played back. Each message is preceded by a date-time stamp.

NOTE: If the system has less than 5 minutes recording time remaining, it will announce the remaining recording time to alert the user after all messages has been played. For example, if the system has less than 3 minutes of storage, it will announce: *'Remaining recording time is 2 minutes'.*

ERASE (ALL OLD MESSAGES & MEMOS)

During IDLE mode, press **ERASE**. You will hear *'Please select mailbox'*, then press **MAILBOX x** (x=1,2 or 3) to erase all the old messages in the corresponding mailbox.

ANNOUNCE DAY & TIME

During IDLE mode, press **TIME/SET** to hear the current day and time. After the announcement, the system will say: *'To change clock, press Time/Set.'* If **TIME/ SET** is pressed again within 10 seconds, the system will enter DATE &TIME SETTING MODE; otherwise, it will return to IDLE mode.

DATE & TIME SETTING MODE

The Day and Time defaults to *Monday 12:00am* during power-up. The Message Window will show 'CL'

flashing to indicate that clock setup is necessary. During day & time setting, the window will show 'CL' steadily.

35

To Set the Day and Time:

Press **TIME/SET** twice. The **DAY** will be announced.

Press **SELECT** until you hear the correct **day**, then press **TIME/SET**.

The hour is announced. Press **SELECT** until you hear the correct **hour**. Press **TIME/SET**.

The minute is announced. Press **SELECT** until you hear the correct **minute**. To increment the minutes by 10, press and hold **SELECT**.

When finished, press **TIME/SET**. The day and time setting will be announced for you.

REMOTE ACCESS (calling your line from a remote location)

First, from a remote location, call your Answering System's line. When it answers, enter your *2-digit Security Code* **(aka Remote Access Code)**. Remember, you must do this from a touch-tone phone. The system will announce *'You have X / No new message(s).'* Now you can use the remote commands below to access various system functions, such as playing messages. If no command is received within 10 seconds, the system will provide a **Voice Menu**, and then wait for another 20 seconds. If no more command is received within these 20 seconds, the system will automatically hang up and terminate remote access.

ENTER YOUR SECURITY CODE (when System is Off or Full)

If the ANSWERING SYSTEM is OFF, the unit will connect to the line after 10 rings, announcing: *'Please enter your security code'*, and wait for the 2-digit security code to be entered.

If the memory is full, the unit will connect to line after 10 rings, and announce: *'Memory full. Please enter your security code'*. Enter your remote access code.

REMOTE COMMANDS:

#1	**#2**	**#3**
Play all messages in mailbox 1	Play all messages in mailbox 2	Play all messages in mailbox 3
#4	**#5**	**#6**
Repeat Message	Stop	Skip the message.
#7 / *7	***8**	***9**
Play Greeting / Record Greeting	Record Meno	Erase current message
	#0	
	Answering System On/ Off	

Advanced Operation

Other functions:

#4 twice	Skip back to previous message
*5	Help menu
*0	Hang up

RECORD OUTGOING MESSAGE (GREETING) [*7]

This mode is entered if [*7] is pressed during REMOTE MODE. Whether your greeting is stored as **OGM1** or **OGM2** will depend on whether **ANNOUCE ONLY** is set to **OFF** or **ON**.

Voice prompt: *'Now recording.*'

MEMO RECORDING (MAILBOX x) [*8]

This mode is entered if [*8] is pressed during REMOTE MODE. The system will then prompt you to

choose a **mailbox** (1/2/3). By pressing [1], [2] or [3], your Memo will be saved in the corresponding mailbox.

(Remark: Recordings less than 1 second is not stored. Maximum length of each recording is 4 minutes. The

maximum number of old & new messages / memo is 99.)

Voice prompt: [*8] > 'Please select mailbox' > pressing [1], [2] or [3] > 'Now recording.'

OUTGOING MESSAGE (GREETING) PLAYBACK [#7]

This mode is entered if "#7" is pressed during REMOTE MODE. Outgoing Message **1** or **2** is played, depending on whether **ANNOUCE ONLY** is set to **OFF** or **ON**.

MAILBOX 1/2/3 PLAYBACK [#1, #2 or #3]

This mode is entered if [#1], [#2] or [#3] is pressed during REMOTE MODE.

NOTE: If the system has less than 5 minutes recording time remaining, it will announce the remaining recording time to alert the user after all messages has been played. For example, if the system has less than 3 minutes capacity remaining, it will announce: *'Remaining recording time is 2 minutes'*.

VOICE MENU [*5]

Press [*5] for voice menu and press [*5] again for next page of voice menu. Hence, pressing [*5] alternatively can play back the following menus: —

The *simple voice menu* is as follows:

• Press **[#1]** to play mailbox 1.
• Press **[#2]** to play mailbox 2.
• Press **[#3]** to play mailbox 3.
• Press **[#5]** to stop
• Press **[#4]** to repeat the message
• Press **[#6]** to skip the message
• Press **[#9]** to erase the message; or Press **[#9]** to delete the message

37

Advanced Operation

• Press **[*5]** for other functions; or Press **[*5]** for help

The *advance voice menu* is as follows:

• Press **[#7]** to review outgoing message; or Press **[#7]** to review announcement
• Press **[*7]** to record outgoing message; or Press **[*7]** to record announcement
• Press **[*8]** to record a memo
• Press **[#4]** twice to repeat previous message
• Press **[#0]** to turn the system on or off; or Press **[#0]** to turn the machine on or off
• Press **[*5]** for other functions; or Press **[*5]** for help

ERASE [#9]

In MAILBOX 1/2/3 PLAYBACK mode, messages can be erased by pressing **[#9]** during playback. The next message, if any, will be announced after erasing the current message.

SYSTEM ON/OFF [#0]

This function is activated if **[#0]** is pressed during REMOTE MODE. The system will toggle between
ON & OFF.

Voice prompt: *'Answering machine on (or off)'*

END REMOTE MODE [*0]

This function is activated if **[*0]** is pressed during REMOTE MODE. The REMOTE MODE will end and the line is released after a beep tone. The unit will then return to IDLE MODE.

#1	#2	#3
Play all messages in mailbox 1	Play all messages in mailbox 2	Play all messages in mailbox 3
#4	**#5**	**#6**
Repeat Message	Stop	Skip the message.
#7 / *7	***8**	***9**
Play Greeting / Record Greeting	Record Meno	Erase current message
	#0	
	Answering System On/ Off	

Other functions:

| #4 twice	Skip back to previous message
*5	Help menu
*0	Hang up

Headset Operation

Your ip 5825 Handset is equipped with a 2.5mm Headset Jack for use with an optional accessory Headset for hands-free operation. If you choose to use the Headset option, you must obtain an optional accessory Headset, which is compatible with the ip 5825**.**

To purchase a Headset, call VTech Customer Service at 1-800-595-9511.

Once you have a compatible 2.5mm Headset, locate the Headset Jack on the ip 5825 Handset. Connect the plug on the Headset cord to the jack (under a small rubber flag) on the cordless Handset. The plug should fit securely. Do not force the connection.

Advanced Operation
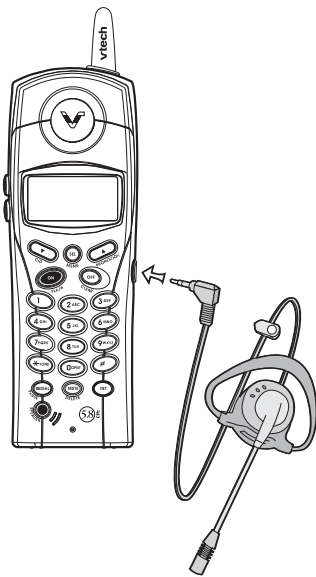
NOTE:

Whenever a compatible Headset is connected to the cordless Handset, the microphone on the Handset will be muted. This is done to limit the effect of background noise.
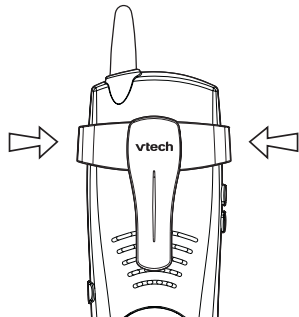
Belt Clip

The ip 5850 is also equipped with a detachable belt clip. Align the pins on the inside edge of the clip with the notches on the sides of the Handset. The belt clip should snap securely into place. Do not force the connection.

39

Maintenance

Taking Care Of Your Telephone

Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment

Place the Handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

Your telephone can be damaged if it gets wet. Do not use the Handset outdoors in the rain, or handle it with wet hands. Do not install your Base Unit near a sink, bathtub or shower.

Electrical storms

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, use caution when using electric appliances during storms.

Cleaning your telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap. Do not use excess water or cleaning solvents of any kind.

> Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If your Base Unit should fall into water, **DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL**. Then pull the unit out by the unplugged cords.

In Case Of Difficulty

If you have difficulty operating your phone, the suggestions below should solve the problem. If you still have difficulty after trying these suggestions, call VTECH Communications at 1-800-595-9511. In Canada, call VTECH Telecommunicatios Canada Ltd at 1-800-267-7377.

The Phone Doesn't Work At All

- Make sure the Power Cord is plugged in.
- Make sure the telephone line cord is plugged firmly into the Base Unit and the telephone wall jack.
- Make sure the batteries are properly charged. If you get a 'LOW BATTERY' message or indication, the battery pack needs charging.

No Dial Tone

- First check all the suggestions above.
- If you still don't hear a dial tone, disconnect the Base Unit from the telephone jack and connect a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company.

You Get Noise, Static, Or A Weak Signal Even When You¡¯re Near The Base Unit

• Household appliances plugged into the same circuit as the Base Unit can sometimes cause interference. Try moving the appliance or the Base Unit to another outlet.

You Get Noise, Static, Or A Weak Signal When You're Away From The Base Unit

• You may be out of range. Either move closer to the Base, or relocate the Base Unit.
• The layout of your home may be limiting the range. Try moving the Base Unit to another position.

The Handset Does Not Ring When You Receive A Call

• Make sure you have the ringers activated. Refer to the section(s) on **setting the ringer** in this User's Manual.
• Make sure the telephone line cord is plugged firmly into the Base Unit and the telephone jack. Make sure the power cord is plugged in.
• You may be too far from the Base Unit.
• You may have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of the other phones.

Your Handset vibrates or shakes when a call comes in (applies only to models with the Handset Vibrate Control feature)

• It is likely that your Vibrating Handset Ringer option has been set to ON. If you¡¯d like to turn it off, see the section on VIBRATE CONTROL in this User's Manual.

You Hear Other Calls While Using Your Phone

• Disconnect your Base Unit from the telephone jack, and plug in a regular telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

You Hear Noise In The Handset, And None Of The Keys Or Buttons Work

• Make sure the power cord is plugged in.

Common Cure For Electronic Equipment

If the unit does not seem to be responding normally, then try putting the Handset in the cradle. If it does not seem to respond, do the following (in the order listed):

1. Disconnect the power to the Base.
2. Disconnect the Handset battery, and spare battery pack, if applicable.
3. Wait a few minutes.
4. Connect power to the Base.
5. Re-install the battery pack (s)
6. Watch for Handset to display: "**FOUND BASE**".

SEARCHING
FOR BASE
NEW   MENU

then

FOUND BASE
RCL   MENU   MEM

41
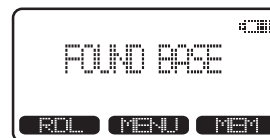
What does this limited warranty cover?

• The manufacturer of this VTech product, VTech Communications, warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the product and all accessories provided by VTech in the sales package ("Product") are free from material defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with operation instructions, This limited warranty extends only to the Consumer for Products purchased and used in the United States of America.

What will VTech Communications do if the Product is not free from material defects in materials and workmanship during the limited warranty period (¡°Materially Defective Product¡±)?

• During the limited warranty period, VTech¡¯s authorized service representative will repair ot replace at VTech¡¯s option, without charge, a Materially Defective Product. If we repair this product, we may use new or refurbished replacement parts. If we choose to replace this product, we may replace it with a new or refurbished product of the same or similar design. VTech will return repaired or replace-ment products to you in working condition. VTech will retain defective parts, modules, or equipment. Repair or replacement of Product, at VTech¡¯s option, is your exclusive remedy. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

• The limited warranty period for the product extends for ONE(1) YEAR from the date of purchase if we repair or replace a Materially Defective Product under the terms of this limited warranty. This limited warranty also applies to repaired or replacement Products for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover
1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech electrical accessories; or
5. Product whose warranty/quality stickers, Product serial numbers plates or electronic serial numbers have been removed, altered or rendered illegible; or

Additional Information

6. Product purchased, used, serviced, or shipped for repair from outside the United States, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without vallid proof of purchase (see 2 below); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

How do you get warranty service?

• To obtain warranty service in the United States of America, call 1 800-595-9511 for instructions regarding where to return the Product. Before calling for service, please check the user's manual. A check of the Product controls and features may save you a service call.
• Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of Product(s) to the service location. VTech will return repaired or replaced product under this limited warranty to you, transportation, delivery or handling charges prepaid. VTech assumes no risk for damage or loss of the Product in transit.
• If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty;
2. Include alid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other Limitations

• This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this product. The warranty exclusively describes all of VTech's responsibilities regarding the product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Additional Information

43

Warranty Statement

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the product is fit for ordinary use) are limited to one year from date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

- In to event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, ina bility to use the product, or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this product, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

FCC, ACTA and IC Regulations

This equipment complies with Parts 15 of the Federal Communications Commission (FCC) rules for the United States. It also complies with regulations RSS210 and CS-03 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

A label is located on the underside of the Base Unit containing either the FCC registration number and Ringer Equivalence Number (REN) or the IC registration number and Load Number. You must, upon request, provide this information to your local telephone company.

This equipment is compatible with inductively coupled hearing aids.
Should you experience trouble with this telephone equipment, please contact:

VTech Communications Inc

CUSTOMER SERVICE at 1-800-595-9511. In Canada, call VTech Telecommunications Canada Ltd. at 1-800-267-7377.
For repair/warranty information. The telephone company may ask you to disconnect this equipment from the line network until the problem has been corrected.

FCC Part 15

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. The equipment has been tested and found to comply with 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 and 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 or on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset has such a low power that it doesnot require testing. It may be safely held against the ear of the user. The base unit shall be installed & used such that parts of the user's body ther than the hands should be maintained at a comfortable distance of approximately 20 cm or more.

FCC and ACTA Information

If this equipment was approved for connection to the telephone network prior to July 23, 2001, it complies with Part 68 of the Federal Communications Commission (FCC) rules. If the equipment was approved after that date, it complies with the Part 68 rules and with Technical Requirements for Connection of Equipment to the Telephone Network adopted by the Administrative Council for Terminal Attachments (ACTA). We are required to provide you with the following information.

1. Product identifier and REN information

The label on the back or bottom of this equipment contains, among other things, an identifier indicating product approval and the Ringer Equivalence Number (REN). This information must be provided to your local telephone company upon request. For equipment approved prior to July 23, 2001, the product identifier is preceded by the phrase "FCC Reg No." and the REN is listed separately. For equipment approved after that date, the product identifier is preceded by "US" and a colon (:), and the REN is encoded in the product identifier without a decimal point as the sixth and seventh characters following the colon. For example, the product identifier US:AAAEQ01B123XYZ would indicate an REN of 0.3. The REN is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. In most, but not all areas, the sum of all RENs should be five (5.0) or less. You may want to contact your local telephone company for more information.

2. Connection and use with the nationwide telephone network

The plug and jack used to connect this equipment to the premises wiring and the

Additional Information

45

telephone network must comply with the applicable Part 68 rules and technical requirements adopted by 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. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual. This equipment may not be used with Coin Telephone Lines or with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

3. Repair instructions

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

4. Rights of the telephone company

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

5. Hearing aid compatibility

If this product is equipped with a corded or cordless Handset, it is hearing aid compatible.

6. Programming/testing of emergency numbers

If this product has memory dialing locations, you may choose to store police, fire department and emergency medical service telephone numbers in these locations. If you do, please keep three things in mind:
a We recommend that you also write the telephone number on the directory card, so that you can still dial the emergency number manually if the memory dialing feature doesn't work.
b This feature is provided only as a convenience, and the manufacturer assumes no responsibility for customer reliance upon the memory feature.
c Testing the emergency telephone numbers you have stored is not recommended. However, if you do make a call to an emergency number:

46

- You must remain on the line and briefly explain the reason for the call before hanging up.
- Programming/testing of emergency numbers should be performed during off-peak hours, such as in the early morning or late evening, when the emergency services tend to be less busy.

IC (Industry Canada)

This telephone is registered for use in Canada.
The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

Notice:

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Notice:

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceedfive.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution:

Users should not attempt to make such connections themselves, but should contact the appropriate electrical inspection authority, or electrician, as appropriate.

Your Cordless Phone is designed to operate at the maximum power allowed by the FCC and IC. This means your Handset and Base Unit can communicate only over a certain distance - which will depend on the location of the Base Unit and Handset, weather, and the construction and layout of your home or office.

Additional Information

47

The RBRC® Seal

The RBRC® Seal on the nickel-metal-hydride battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-metal-hydride batteries into the trash or municipal waste, which may be illegal in your area.

VTech's partnership in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1-800-8-BATTERY** for information on Ni-MH battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

FREQUENCY CONTROL

Crystal controlled
PLL synthesizer

TRANSMIT FREQUENCY

Base : 5744.736 - 5825.952 MHz
Handset: 2401.056 - 2482.272 MHz

RECEIVE FREQUENCY

Base: 2401.056 - 2482.272 MHz
Handset : 5744.736 - 5825.952 MHz

CHANNELS

95 Channels

NOMINAL EFFECTIVE RANGE

Maximum power allowed by FCC
and IC. Actual operating range may
vary according to environmental
conditions at the time of use.

SIZE

Handset : 182mm x 55.3mm x 40mm
(including antenna)
Base : 115.8mm x 112.2mm x 62.6mm
Charger: 77mm x 79mm x 45mm

WEIGHT

Handset : 146 grams
(excluding Batteries)
Base : 210 grams
Charger : 225 grams

POWER REQUIREMENTS

Handset : 3.6V 750mAh NiMH
(3 AAA cells)
Base : 9 VDC @ 600mA
Charger : 9 VDC @ 150mA

MEMORY

Speed Dial: 50 Memory locations; up
to 32 digits per location
CID : Alphanumeric Display
50 Memory locations

**SPECIFICATIONS ARE TYPICAL
AND MAY CHANGE WITHOUT
NOTICE.**

Table Of Contents