

OLYMPIA® OL2410  
OWNER'S 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, INCLUDING THE FOLLOWING

**Read and understand all instructions.**

**Follow all warnings and instructions marked on the product.**

**Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.**

**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.**

**Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.**

**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. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.**

**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.**

**Do not overload wall outlet extension cords, as this can result in the risk of fire or electric shock.**

**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.**

**To reduce the risk of electric shock, do not disassemble this product. Instead, when some repair work is required, take the unit to a qualified technician.**

**Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.**

**Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:**

- a) When the power supply cord or plug is damaged or frayed.
- b) If liquid has been spilled into the product.
- c) If the product has been exposed to rain or water.

- d) If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- e) If the product has been dropped or cabinet has be damaged.
- f) If the product exhibits a distinct change in performance.

**Avoid using a telephone(other than a cordless type) during an electrical storm.**

**There may be a remote risk of electrical shock from lightning.**

**Do not use the telephone to report a gas leak in the vicinity of the leak.**

## **SAFETY INSTRUCTIONS FOR BATTERIES**

### **Safety Instructions for Batteries Handset Battery Pack**

#### **CAUTION:**

Danger of explosion if battery is incorrectly replaced. Use only an Olympia Phone approved battery pack in the handset of your OL2410 Cordless Telephone. To reduce the risk of fire or injury, always do the following when replacing, discarding, or charging battery, When handling the batteries, be careful not to short the battery with conducting materials such as rings, bracelets, and keys. The Battery or conducting material may overheat and cause burns. Use only the following type and size of battery pack:

FOR HANDSET UNIT:

GP60AAAH3BMX 3.6V 600mAh GPI INTERNATIONAL LIMITED



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

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

**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.**

**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.**

**Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.**

**Observe proper polarity orientation between the battery(ies) and battery charger.**

**Do not mix old and new batteries in this product.**

**Do not mix batteries of different sizes or from different manufacturers in this product.**

**SAVE THESE INSTRUCTIONS**

# 1 Features

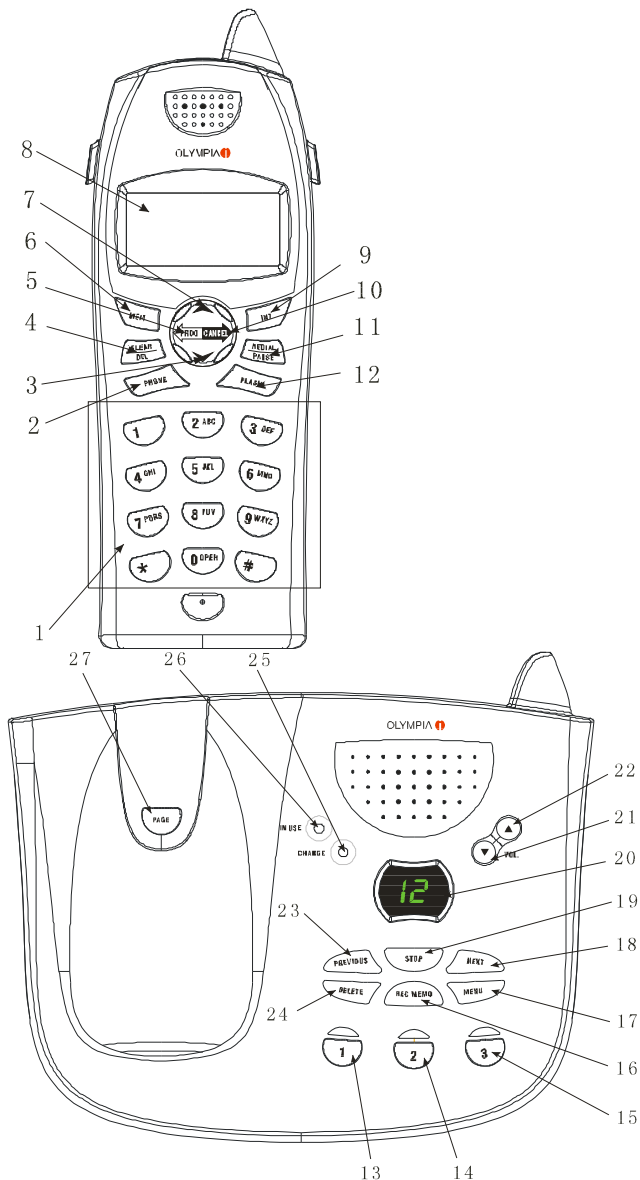
- Over 16 million security codes for call security
- CID/Call Waiting CID capable – stores the 20 most recent CID records (requires CID service from your local phone company)
- Alphanumeric display shows CID time and date plus phone status
- 5 phone number redial
- Exchangeable face panels
- 50 name and number phonebook
- Microphone mute feature
- Audible low battery and out of range warnings
- Headset jack
- Multiple Handset capability – up to 4
- Page function from Base
- Tone/Pulse dialing
- Key Click – programmable ON/OFF
- Key Lock – programmable ON/OFF
- Auto Answer (out of cradle) – programmable ON/OFF
- (2) two-way intercom calls can take place simultaneously
- Call Transfer – Handset to Handset
- Auto Hold during Call Transfer
- Adjustable Earpiece Volume Control (8 levels)
- Programmable Ringer OFF/Volume Control (6 levels)
- 10 selectable Ringer Tones
- Rechargeable Ni-NH battery pack
- DTAM all Digital Operation
- 15 Minute Recording Time –Including all OGM, MEMO and ICM.
  - -- Maximum OGM 1 minute
  - -- Maximum Memo 1 minute
  - -- Maximum ICM 1 minute
  - -- Maximum Message 50
- Voice Date / Time stamp
- Voice menu
- Call screening – at Base speaker automatically but not through cordless handset.
- Remote Operation/ Activation – Through outside telephone with tone dialing. Not through OL2410 Handset.
- User Programmable Security Code
- Two 7segments LEDs indicator in red color –Mainly for total/new message counter.
- Digital volume control (8 levels, but lowest level is not muting)



- Ringer Selection (2/4/Toll Saver) – Programmable in menu mode
- Three playing modes – normal, Skip, Repeat.
- Selective deletion – Delete one message or delete all messages in particular mailbox.
- Branch phone detection
- Announce Only Mode
- Announce On / Off
- Message Full Detection
- Three Mailboxes for ICM &Memo -- Mailbox 1 is regarded as general mailbox.
- LED for Each mailbox

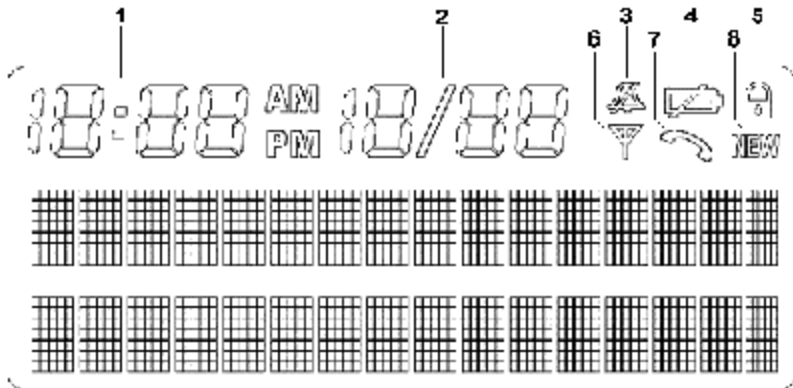
## 2 Layout of Keys and Indicators

### 2.1 Key Functions



1. Keyboard	Dialing telephone numbers
2. Phone key	Press to make or receive a call. Press again to end a call
3. Down key	For navigation
4. Clear/Delete key	Delete input / Microphone muting
5. Program key	Menu selection / Confirm input
6. Memory key	Phone book memory
7. Up key	For navigation
8. LCD Display	Provides information such as Caller ID and programming data
9. INT key	For internal calls
10. Cancel key	Exit menu
11. Redial/Pause key	Last number called / Pause
12. Flash key	For use with call waiting service
13. Mailbox"1"	Select mailbox "1"
14. Mailbox"2"	Select mailbox "2"
15. Mailbox"3"	Select mailbox "3"
16. Rec/Memo	Record outgoing message or memo
17. Menu	Go into feature menu and select a feature.
18. Next	Skip to next message/Select Next Item.
19. Stop	Stop Playback
20. Two 7 segments LED indicator	Mainly for total/new message counter.
21. Volume down	Decrease loudspeaker volume
22. Volume up	Increase loudspeaker volume
23. Previous	Repeat the current playing message/Play Previous message/Select Previous Item.
24. Delete	Delete message
25. Charge LED	Lights when Handset is charging in the base
26. IN USE LED	Lights in talk mode Flashing when ringing and no line
27. Page	Press at Base to page all registered Handsets

## 2.2 LCD Display Indications



1. Caller ID Time
2. Caller ID Date
3. Ringer OFF icon (displayed when user turns the ringer off)
4. Low battery icon (on only if battery voltage is low)
5. Key lock icon (displayed when user locks the keypad)
6. In Service icon (displayed when Handset is 'in range' of the Base)
7. Off Hook icon (displayed when Handset is on an external or intercom call)
8. NEW icon (displayed when new Caller ID records have been received)

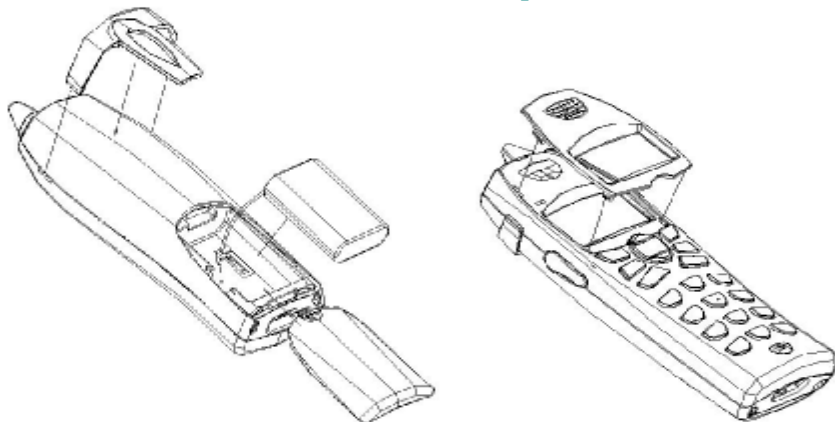
### **3 Installation and Charging of the Battery Pack**

**Open the battery compartment by sliding the cover down.**

**Plug the Battery Pack connector into the Handset battery socket. Place the battery pack and wires in the compartment.**

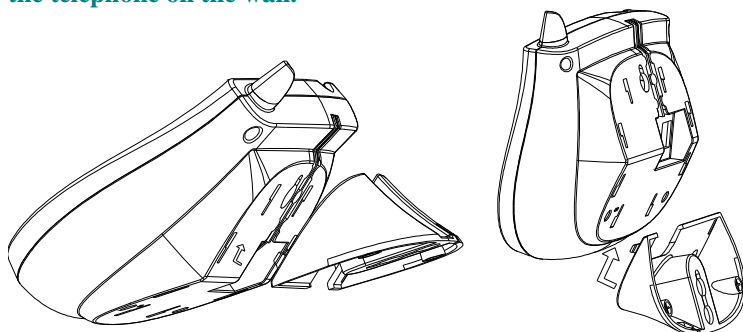
**Close the battery compartment.**

**Mount the belt clip and one of the provided face panels on the Handset.**

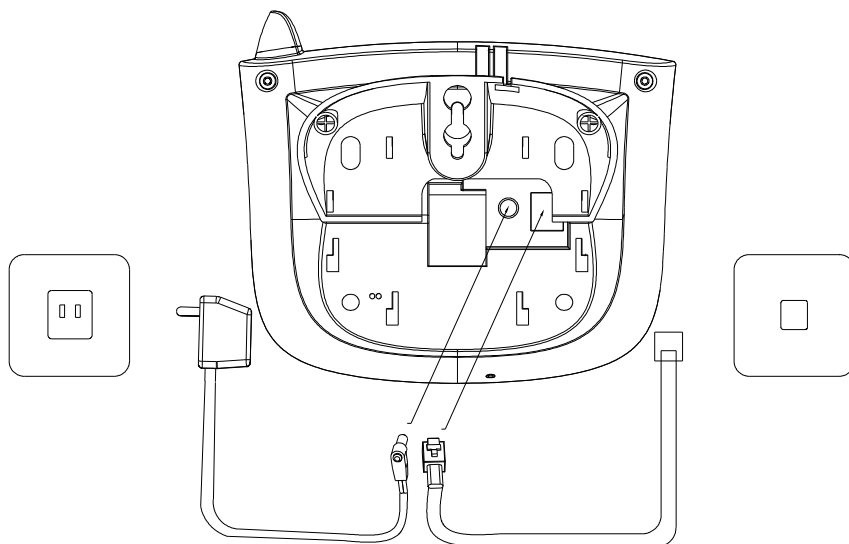


**Choose the appropriate mounting bracket. The smaller bracket is for desk or countertop installations. The larger bracket is for wall mounting. You must use one of these brackets. Thread the telephone cord and DC power cord through the large opening in the bracket. Plug the two cords into the corresponding jacks on the bottom of the Base.**

**Snap the bracket into place on the back of the Base. If you are using the desk top bracket, run the two cords through the channel at the back of the bracket. If you are wall mounting the Base, carefully line up the slots on the wall mount bracket with the studs on the telephone wall plate, and carefully mount the telephone on the wall.**



**Connect the telephone line cord to the telephone jack, and the power supply to a live power outlet. Make sure you are not using an outlet controlled by a switch.**



**Place the Handset in the Base. The Handset and Base communicate with each other automatically. This process may take a minute. Leave the Handset in the Base for 10 hours so that the battery pack is fully charged.**

The CHARGE indicator on the Base glows when the Handset is charging.

## **4 Handset Registration Procedure**

A Handset, which has not been registered, will display:

<p><b>NOT REGISTERED</b> <b>PLACE IN BASE</b></p>
---

Plug the power supply into a live electrical outlet and the DC connector into the bottom of the Base. Place the Handset (with battery pack plugged in) into the Base cradle. In approximately **60 seconds**, the Handset will beep, indicating registration has been completed. The Handset display will say “**READY.**”

A previously registered Handset will display “**OUT OF SERVICE**” if taken out of range or if the Base loses power.

<p><b>OUT OF SERVICE</b></p>
------------------------------

Return to the Base or power up the Base again, then place the Handset in the Base cradle. In approximately **one minute**, the Handset will regain its registration.

## **5 Display Messages & Audio Alert**

### **5.1 Display Message**

The handset provides a number of status messages in the display either in the idle state or during conversation.

The following status messages are shown in the idle display.

When the handset is out of range, an "out of service" message is shown in line one.

<b>OUT OF SERVICE</b>
-----------------------

When the handset has no valid registration, the display shows:

<b>NOT REGISTERED</b>
<b>PLACE IN BASE</b>

If a new battery has been inserted and the battery voltage is too low to guarantee significant conversation time, the display shows:

<b>PLACE IN CHARGER</b>
-------------------------

When the battery pack has first reached a minimal charge (but not enough to assure continuous operation), it will display "CHARGING."

<b>CHARGING</b>
-----------------

When a handset has completed registration, it will display "READY."

<b>READY</b>
--------------

If the phone line is disconnected, "NO LINE" is displayed.

<b>READY</b>
<b>NO LINE</b>

When the keypad is locked, the status is presented in line two.

<b>READY</b>
<b>KEY LOCKED</b>



If the phone line is in use (by another telephone connected to the same line), "EXT IN USE" is displayed. It is still possible to go off-hook during this condition.

If one handset is engaged in an external call, the message is presented in line two of the other handset's display.

<b>READY</b>
<b>EXT IN USE</b>

In the presence of new, unplayed voicemail messages, "MESSAGE WAITING" is displayed.

<b>READY</b>
<b>MESSAGE WAITING</b>

When there is one or more new Caller ID records in the call log, the status is presented in line two: e.g.

<b>READY</b>
<b>10 CALL/3 NEW</b>

When the ringer is switched off, the status is presented in line two.

<b>READY</b>
<b>RINGER OFF</b>

The following messages may occur in the display during conversation.

When the battery low level is reached, the "charge battery" recommendation is shown in line two.

<b>TALK 1:32:56</b>
<b>CHARGE BATTERY</b>

When the microphone is muted, the status is presented in line two.

<b>TALK 1:32:56</b>
<b>MIC MUTE</b>

## 5.2 Audible Alerting

### Out of range

- A one-time **triple beep** will be heard at the Handset.

### Low battery

- When off hook, a **double beep** will be heard in the earpiece.
- When on hook, a **double beep** will be heard at the Handset.

### Charging

- The Handset will emit a **single beep** when placed in the Base charger.

### Registration

- The Handset will emit a **single beep** indicating successful registration.
- If the registration procedure fails, the Handset will emit a **double beep**.

### Other earpiece tones/alerts

- Conference call establishment (second handset has joined conversation)
- Busy tone
- Congestion tone
- Call waiting
- Microphone mute
- Dial tone
- Ring back tone

### Other handset tones/alerts

- Illegal key press (during programming mode)
- Programming confirmation

## 6 Operation Guide

### 6.1 Making External Calls

#### 6.1.1 Post Dialling

- 1) Press the key and wait for dial tone



- 2) Dial the telephone number 030 1234
- 3) End the call by placing the handset in the cradle or pressing the PHONE key



#### 6.1.2 Pre-dialling

- 1) Dial the telephone number; e.g. 555-5555
- 2) Delete any incorrect entry with short press or whole entry with long press



- 3) Press the key to dial the number



- 4) End the call by placing the handset in the cradle or pressing the PHONE key



#### Inserting a Pause in Dialling String

When programming a number into the phone book, press REDIAL/PAUSE to insert a two-second pause in the dialing sequence. This is useful when speed dialing on a PBX system. Each press of REDIAL/PAUSE adds two additional seconds to the pause

Press the key to insert a pause and "P" appears in the display.



## 6.2 Redialing

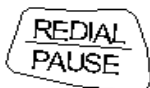
Each system handset stores the last 5 telephone numbers dialed.

### 6.2.1 Post-dialling

- 1) Press PHONE key and wait for dial tone.



- 2) Press REDIAL until you see the desired number.



- 3) Press PROG to dial the displayed number.

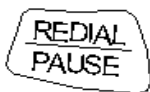


- 4) End your call by placing the handset in the cradle or pressing PHONE.



### 6.2.2 Pre-dialling

- 1) Press REDIAL until you see the desired number.



- 2) Press PHONE.



- 3) End your call by placing the handset in the cradle or pressing PHONE.



## 6.3 Receiving Calls

When an external call is received, all the handsets ring; EXTERNAL CALL is shown on the display.

### 6.3.1 The Handset Is Located in the Cradle

1) Take the handset from the cradle; a connection is automatically established when the AUTO ANSWER function is activated  
OR

Press the PHONE key or any key from 1...9, 0, \*, # when the AUTO ANSWER function is deactivated, to answer the call



or 1/...9/ 0/ \*/#

2) End your call by placing the handset in the cradle or pressing PHONE.



### 6.3.2 The Handset Is not located in the Cradle

1) Press the PHONE key or any key from 1...9, 0, \*, # to answer the call.



Or 1/...9/ 0/ \*/#

## **6.4 Flash**

During external call, a flash is generated on the line by pressing the key



## **6.5 Page Call**

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

### 6.5.1 Paging from Base

Paging of all handsets is done by pressing the Page key in Base unit.



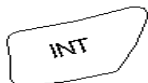
### 6.5.2 Paging from Handset

Paging of all handsets is done by making an internal call to all handset as shown in the next section 'Making internal calls'.

## 6.6 Making Internal Calls

In order to carry out internal calls, more than one handset must be registered on the same base station.

1) Press the key.



2) Press the number of the required handset or '\*' key to page all handsets.

1...4 \*

OR

Press the UP/DOWN key to select the desired handset(s) in the menu, then press PHONE or PROG.



3) End the call by placing the handset in the cradle or pressing the PHONE key.



**Note:** If an external call is received during an internal call, a short acoustic signal is issued.

## 6.7 Call Toggling

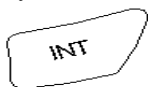
If a portable is engaged in an external connection, it is possible to put the external call on hold and establish an internal call in the same way as the previous section 'Making internal calls'.

Then the display will become as below if handset #1 is selected.

TALK 1:35:06 HANDSET #1 H
------------------------------

The 'H' in the right hand side of the third line indicates having the external call on hold.

It is possible to toggle between an internal call and external call by pressing the key.



The 'H' is displayed too as below, when the internal call is put on hold.

TALK 1:35:50 EXTERNAL CALL H
---------------------------------

## 6.8 Call Transfer/Forward

An incoming call can be transferred or forwarded to the other handset during an ongoing call. The difference is that, when the call is transferred, the first handset waits for the other to answer before ending the connection, but when the call is forwarded, the first handset ends its connection immediately.

### 6.8.1 The Call is Transferred

- 1) Press the key (the external call is put on hold)



- 2) Press the number of the required handset or '\*' key for all handsets.

1... 4 \*

OR

Press the UP/DOWN key to select the desired handset(s) in the menu, then press PHONE or PROG (the external call is put on hold).



- 3) After the other handset has answered, press PHONE, or place your handset in the charge cradle.



### 6.8.2 The Call is Forwarded

- 1) Press the key (the external call is put on hold)



2) Press the number of the required handset or '\*' key for all handsets.

1 .. 4 \*

OR

Press the UP/DOWN key to select the desired handset(s) in the menu, then press PHONE or PROG. (the external call is put on hold)



3) Without waiting for an answer, press PHONE, or place the handset in the charger.



## 6.9 Call Back

After call forwarding, a callback is generated in the forwarding handset if the forwarded call is not answered within a certain period. If there is no CID information available 'Call back' is shown in the display; otherwise normal CID information is shown. If the returned call isn't answered within a certain period, the phone automatically goes on hook.

## 6.10 Conference

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

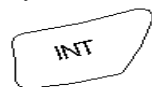
But only the first handset connected to the external line is allowed to transmit DTMF digits to the line. If digit keys are pressed on the second handset, they are blocked in the base station.

If the handset has a connection to the external line, a conference is immediately established when another handset goes off hook by:

Press the key



If a handset has an active connection (internal or external) and another connection on hold, a conference can also be established by holding down the key.





Either handset can leave the conference by pressing PHONE.



The connection continues between the remaining handset and the external party.

## 6.11 Muting the Microphone

During conversation,

- 1) Press the CLEAR/DEL key to mute the handset microphone during a call.



- 2) Press CLEAR/DEL again to return to the two-way conversation.



## 6.12 Call Waiting

### 6.12.1 Call Waiting on Intercom

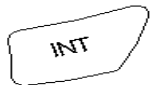
If the handsets are engaged in an internal connection and an external incoming call arrives, the users are notified about this by a beep in the earpiece. The identity of the caller is presented in the display in the same way as a normal external call. The waiting call can be answered by pressing PHONE on either handset.



Then the internal connection is disconnected automatically.

If the waiting call is not answered, the display returns to previous screen after several seconds

Press and hold INT to disconnect the internal call without answering the waiting external call.



### 6.12.2 Call Waiting on Second External Call

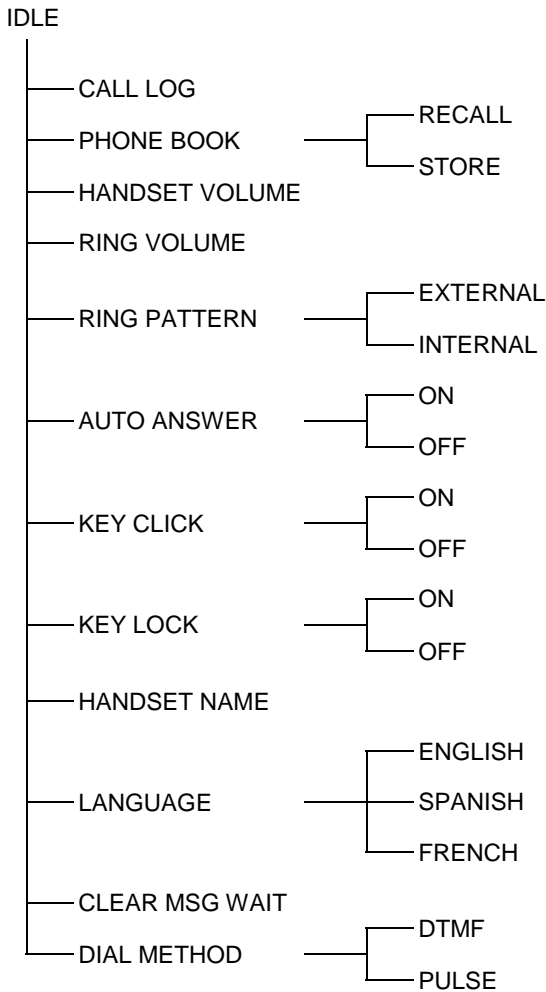
The user may connect to a second external call upon hearing an alerting tone through the earpiece.

The waiting call can be answered by pressing FLASH.



FLASH clears the second line in the display. If the waiting call is not answered, the display presentation will return back to normal ongoing call presentation after several seconds. For more convenient use, call waiting deluxe is also available.

## 7 Menu Structure



## 7.1 Call Log

### 7.1.1 Caller ID Review

1) While handset is in standby (idle) mode.



OR

Press **PROG**, to enter the menu at standby and then...



2) Press **PROG** once again, to enter Call log menu.



3) Scroll through the call log entries using



4) Dial the displayed CID record by pressing **PHONE**.



OR

5) Exit CID review mode by pressing **CANCEL**.



Remarks:

1. 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 'CALL LOG EMPTY' is displayed.
2. '!'-character in the right hand side of the second 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 second line is 16 characters. If the name is longer, it is right truncated.

3. A number in the right hand side of the third line shows the call log number - 1 is the latest received call. The maximum length of the number shown in the third line is 16 characters. If the number is longer, it is left truncated.
4. 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 blocked number are stored as individual calls.

### 7.1.2 Storing Caller ID Records

During caller ID review:

1) Press **Auto** through the calls log using



2) Press **PROG** to select the record to be stored.



You can edit the name and number as needed.

3) Press **PROG** to confirm storage.



**NOTE:** If you attempt to store a CID record without name, an error tone will sound, and user will be required to enter a name.

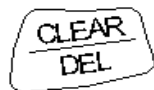
### 7.1.3 Erasing CID Records

During CID review:

1) Press **Auto** through the calls log using



2) Press the **CLEAR/DEL** key to delete the displayed record.



The user will be asked 'DELETE?'

OR

3) Hold down **CLEAR/DEL** to erase **all** records.



The user will be asked 'DELETE ALL?'

4) Press **PROG** to confirm deletion.



OR

5) Press **CANCEL** to exit the calls log.



## 7.2 Phone Book Operation

### 7.2.1 Storing Names and Numbers

1) Press **PROG**.



2) Press **PH** to select PHONE BOOK.



3) Press **PROG** to confirm selection.



4) Store with the  
With STORE in the second line, press **PROG**.



5) Enter the phone number, up to 24 digits.

Numbers more than 16 digits are 'left' truncated, with the last 16 digits shown.

6) Press **PROG**.



7) Using the keypad, enter the name. Each 'letter' key offers upper and lower case letters.

8) Press **PROG**.



If the Phone book is full, the Handset will display the 'PHONEBOOK FULL' message.

### 7.2.2 Phone Book Review

1) Press **MEM**.



OR

Press **PROG**, scroll through the menu choices, until RECALL is in the second line, then press **PROG**.



2) Scroll through phone book using the **UP** and **DOWN** keys;



OR

Enter the first letter of the desired name.

3) Press **CANCEL** to exit phone book review mode.



### 7.2.3 Editing Phone Book Names/Numbers

During phone book review:

1) Scroll through the phone book using the



OR

Enter the first letter of the desired name.

2) Press **PROG**, to enter edit mode.



Press **CLEAR/DEL** to erase a digit. Press and hold **CLEAR/DEL** to erase the entire number.



3) Press **PROG** to confirm and enter name edit mode.



4) Press **CLEAR/DEL** to erase the right most letter.



or



Press and hold **CLEAR/DEL** to erase the entire name.

5) Press **PROG** to confirm.



If the Phone book is full when the user tries to store a new number in it, a message 'PHONEBOOK FULL' is displayed.



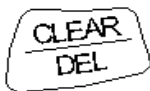
## 7.2.4 Deleting Phone Book Names/Numbers

During phone book review:

1) **SCROLL** through the phone book using the



2) Press **CLEAR/DEL**.



The user will be asked 'DELETE?'

3) Press **PROG** to confirm deletion.



OR

4) Press **CANCEL** to exit without deleting.



## 7.2.5 Dialling from the Phonebook

During phone book review:

1) **SCROLL** through the phone book using the



OR

Enter the first character of the desired name.

2) Press **PHONE**, to dial.



## 7.3 Handset Volume

### 7.3.1 In Standby (Off) Mode

1) Press **PROG**.



2) Press **PROG** times.



HANDSET VOLUME

3) Press **PROG**, to enter volume menu



4) Enter 0–7, 0 being the lowest and 7 the highest volume  
OR

Use **↑**/**↓** keys.



5) Press **PROG** to confirm.



### 7.3.2 During Conversation

Use **↑**/**↓** keys. The screen will display the volume level in a bar graph.  
The default audio volume is 2.

## 7.4 Ring Volume

1) Press **PROG**



2) Press **PROG** times.



## RING VOLUME

3) Press **PROG** to enter volume menu.



4) Enter 0 – 6, 0 for OFF and 6 being the loudest ring;  
OR

Adjusting the ring is played as the volume is adjusted.



5) Press **PROG** to confirm.



**NOTE:** Ringing is switched off by adjusting the ring volume to zero. A 'ringer off' icon will be displayed on the Handset if that option is selected.  
The default ring volume is 6.

## 7.5 Ring Pattern

1) Press **PROG**.



Press **PROG** 2 times.



### RING PATTERN

3) Press **PROG** to enter pattern menu.



Press the to select EXTERNAL or INTERNAL ring setting, then press **PROG**.



5) Press **0**–9, or adjust using the



The user hears the different ring patterns during selection.

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



The default external and internal ring patterns are 0 and 1 respectively.

## 7.6 Auto Answer

The default setting is auto answer off. However, if you want your Handset to answer an incoming call by simply picking it up from its cradle:

1) Press **PROG**.



2) Press **5** times.



**AUTO ANSWER**

3) Press **PROG** to enter auto answer menu.



4) To disable, press **0**, or press **1** or



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



## 7.7 Key Click

Key clicks are the sounds you hear each time a key is pressed. The default mode is key click **ON**.

1) Press **PROG**.



2) Press **6** times.



KEY CLICK

3) Press **PROG** to enter key click menu.



4) Press **1** to set key click On

Press **2** to set key click Off.



5) Press **PROG** to confirm your setting.



**NOTE:**Key click is disabled when the key lock is on.

## 7.8 Key Lock

### 7.8.1 Locking the Keypad

It is possible to lock the handset keypad. The key lock function is set/reset by:

1) Press **PROG**.



2) Press **7** times.



KEY LOCK

3) Press **PROG** to enter key lock menu.



4) To disable key lock, press 1 or



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



### 7.8.2 Unlocking the Keypad

When keypad is locked, the Handset will display **KEY LOCKED**. Pressing any key will generate **PRESS 159 TO UNLOCK** on the screen.

PRESS 159 TO UNLOCK
------------------------

To unlock, press 1, 5, 9  
'1', '5', '9'

When the keypad is locked, you can still dial and emergency call by first pressing **PHONE** and then the emergency number (e.g. 000, 110, 112, 119, 911, 999). Key lock is disabled after an emergency call.  
Key lock is disabled by default.

## 7.9 Handset Name

It is possible to name each handset. The name is shown in the first line during idle mode; i.e. it replaces the "READY" indication during idle mode.

1) Press **PROG**.



2) Press **8** eight times.



HANDSET NAME

3) Press **PROG** to enter name menu.



4) Enter name

e.g. DAD'S PHONE

5) Press **PROG** to confirm.



## 7.10 Select LANGUAGE

Your Handset display can be in English (default mode), Spanish or French.

1) Press **PROG**.



2) Press **8** eight times.



LANGUAGE

3) Press **PROG** to enter language menu.



4) Press 0 for English, 1 for Spanish, 2 for French;

0/ 1/ 2

OR,

Use  keys.



5) Press **PROG** to confirm your selection.




## 7.11 Clear Message Waiting

You can remove the Message Waiting alert from the display:

1) Press **PROG**.



2) Press  times.



CLEAR MSG WAIT

3) Press **PROG** to enter message menu.



4) Press **PROG** again to clear the alert or **CANCEL** to escape with clearing.



## 7.12 Dial Method

Your **OL2410** is preset for DTMF (Tone) dialing. To change the setting:

1) Press **PROG**.





2) Press **▼** eleven times.



#### DIAL METHOD

3) Press **PROG** to enter dial method menu.



4) For **Pulse dialing**, press **0** or **▼**.

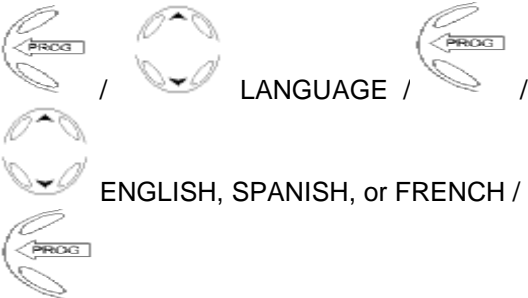

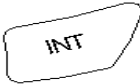








5) Press **PROG** to confirm.


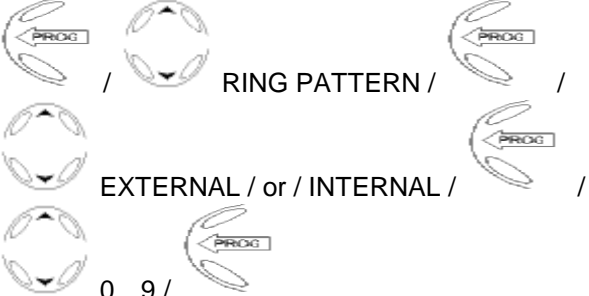
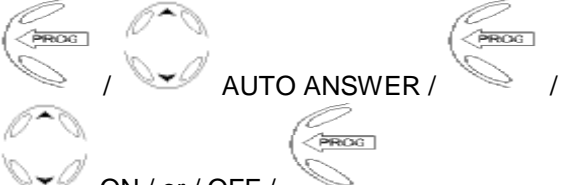
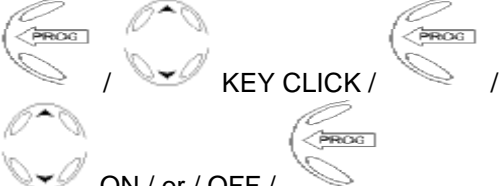
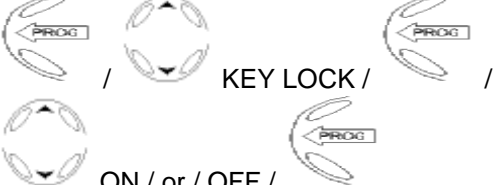








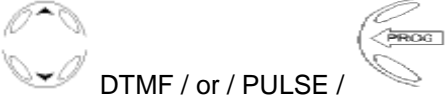











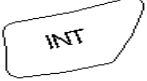

**NOTE:** If your Handset is set for Pulse dialing, if you press \* during a call, the Handset will switch to Tone dialing for the duration of the call.



## 8 Overview of Telephone Functions

Select LANGUAGE	
Making external calls	 / 030 123 ...
Making internal calls	 / 1 . . 4 or *
Receiving calls	
Call back	
Redialing	 /  / 
Mute the microphone	

<p>Storing call numbers</p>	<p>PROG / PHONE BOOK / STORE / 030 123 / ABC /</p>
<p>Editing call numbers</p>	<p>MEM / ABC / 030 12345 / 030 12344 / ABC / ABA /</p>
<p>Deleting call numbers</p>	<p>MEM / ABC / CLEAR DEL DELETE ? /</p>
<p>Dialing from the phonebook</p>	<p>MEM / e.g. ABC / PHONE</p>
<p>Handset receiving volume</p>	<p>PROG / HANDSET VOLUME / 0 .. 7 /</p>

<p>Handset ringing tone volume</p>	 <p>RING VOLUME / 0...6 /</p>
<p>Change ringing tone pattern (external / internal)</p>	 <p>RING PATTERN / EXTERNAL / or / INTERNAL / 0...9 /</p>
<p>Activate / Deactivate automatic call answer</p>	 <p>AUTO ANSWER / ON / or / OFF /</p>
<p>Activate / Deactivate key tone on handset</p>	 <p>KEY CLICK / ON / or / OFF /</p>
<p>Activate / Deactivate key locking on handset</p>	 <p>KEY LOCK / ON / or / OFF /</p>

Enter / Change handset name	 /  HANDSET NAME /  / e.g. MOBILE 1 /
Dialing method	 /  DIAL METHOD /  /  DTMF / or / PULSE /
Caller ID Review	 CALL LOG /  /
Caller ID Store	 CALL LOG /  /  e.g. ABC /  /
Caller ID Erase	 CALL LOG /  /  e.g. ABC /  DELETE ? / 
Transferring calls	 / Handset no. / 

<p>Conference calls</p> <p>When a handset has a connection, press the key can also be established.</p>	
<p>Base Page handset</p>	

## 9 Digital Answering Machine Operation

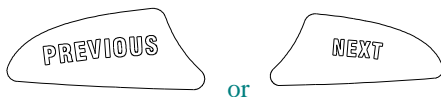
### 9.1 DTAM Feature Setup

#### 9.1.1 Set Answer On/Off

1) In standby mode, press **Menu** key , the 7-segment LED display “An”, and the “Answer On ” or “Answer Off” can be heard according to the current setting.



2) Press **Previous** or **Next** key to switch the Answer On/Off, the 7- segment LED will display On or OF. At the same time, the voice prompt “Answer On” or “Answer Off” will be announced according to the setting.



3) Press **Menu** key to confirm the setting and enter Clock setting mode.



4) Press **Stop** key to confirm the setting and exit menu setting mode.



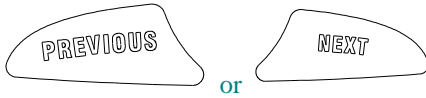
5) The default is Answer On. The small red dot at the bottom right of the LED display will be lit to indicate that the answer machine is on.

#### 9.1.2 Change the Clock

1) In standby mode, press **Menu** key two times, the unit goes to clock setting mode, the 7-segment LED display “CL”, and the unit will announce current time(e.g. Saturday, ten eleven AM), an the current time will display for 1 second on the 7-segment, the sequence is Day, then --, then Hour, then --, then Minute.



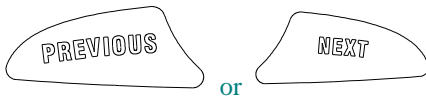
- 2) Pressing **Previous** or **Next** key to decreases/increases the day number with wrap around d1 and d7. At the same time, it will announce the “ Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday”.



- 3) Press **Menu** key in day selection mode. A beep is heard indication the entry of hour setting mode.



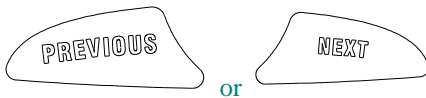
- 4) Press **Previous** or **Next** key to modify the digits of hour (12 to 11) and it will announce “twelve, one, two... eleven” according to the setting.



- 5) Press **Menu** key to verify the hour setting, and then enter the minute setting mode.



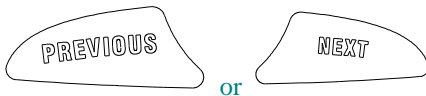
- 6) Press **Previous** or **Next** to modify the first digit of minute (0-5) and it will announce “ O, one...five” according the setting.



- 7) Press **Menu** button to verify the first digit, and then the second digit.



- 8) Press **Previous** or **Next** to modify the second number of minute (0-9) and it will announce “ O, one...nine” according the setting.



- 9) Press **Menu** button to confirm the clock setting and enter the Announcement menu mod.





10) Press Stop key or no key was pressed within 20 seconds to exit menu mode



11) The default is Sunday, 12:00AM

### 9.1.3 Announcement

1) In standby mode, press **Menu** key three times, the unit goes to Announcement setting mode, “A1” or “A2” will be displayed on the 7-segment LED, and it will announce “announcement one” or “announcement two”.



2) If presses “REC/memo” to enter announcement recording, all of the other buttons are disabled except Stop key.



3) During Announcement menu mode, press Stop key or no key was pressed within 20 seconds to exit menu mode



4) There are default announcements.

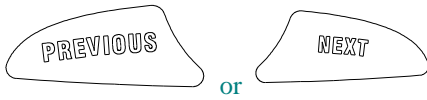
### 9.1.4 Change remote access code

1) During announcement menu, press “**Menu**” button will enter remote access code setting mode with a beep. “Ac” will be displayed on the 7-segment LED, and it will announce “remote access code is xxxx” and the current remote code will display on 7-segment for 1 second. (e.g., remote code is 1234, the display sequence is “12” then “- -“ then “34”.)



2) Press “**Previous**” or “**Next**” button to modify the first digit of the code and, the first two digits are displayed on the 7- segment LED with voice prompt

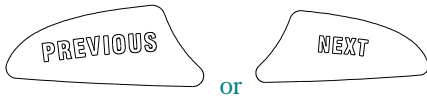
heard and the first digit will be blinking. The number with wrap around 0 and 9. At the same time, it will announce the “O, one.....nine”



- 3) Press “**Menu**” button to validate the first access code, and then the second digit will blink.



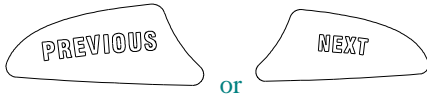
- 4) Pressing the “Previous” or “Next” button will decrease/increase the number with wrap around 0 and 9. At the same time, it will announce the “O, one.....nine”



- 5) Press “**Menu**” button to validate the second access code, and then the third digit will blink.



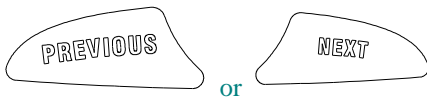
- 6) Pressing the “**Previous**” or “**Next**” button will decrease/increase the number with wrap around 0 and 9. At the same time, it will announce the “O, one...nine”



- 7) Press “**Menu**” button to validate the third access code, and then the fourth digit will blink.



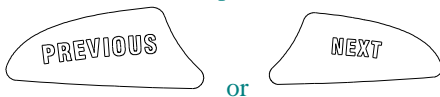
- 8) Pressing the “**Previous**” or “**Next**” button will decrease/increase the number with wrap around 0 and 9. At the same time, it will announce the “O, one.....nine”



- 9) Press “**Menu**” button to confirm the current setting and enter announce only setting mode.



- 10) During remote access code setting mode, holding “**Previous**” or “**Next**” button will scroll through all the selection from 0 and 9, during this process, no announcement can be heard. Release the “**Previous**” or “**Next**” button, a beep will be heard and the last setting will be displayed on the 7-segment LED with voice prompt.



- 11) During remote access code setting mode, Press “**Stop**” button to exit menu setting mode, a beep can be heard and the setting will be validated.



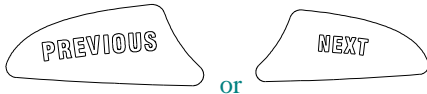
- 12) The default remote code is 0000.

### 9.1.5 Set announce only

- 1) Press “**Menu**” button during setting the 4th remote access code. A beep is heard to validate the setting and enter announce only setting: “Ao” will display on the 7- segment LED, and it will announce “announce only is on or off”. At the same time, the “On” or “OF” should display for 1 second on the 7-segment.



- 2) Press “**Previous**” or “**Next**” button to switch announce only on or off. The LED will display “On or OF” with the voice prompt “ On or off”.



- 3) During announce only setting mode, press the “**Menu**” button to confirm the setting and enter the message alert setting mode.



- 4) During announce only setting mode, Press “**Stop**” button to exit menu setting mode. A beep can be heard to validate the setting.

- 5) The default is Off. The LED display will show ‘A’ during standby to indicate the ‘Announce only’ mode is on.

### 9.1.6 Change message alert

When Audible Message Alert is on, the base beeps once every 10 seconds when new messages have been received.

- 1) Pressing “**Menu**” button during announce only setting mode. A beep is heard to validate the setting and enter message alert setting. “AL” will be displayed on the LED, and it will announce “message alert is on or off” according to the current setting, and “On” or “OF” should display for 1 second on the 7-segment.



- 2) Press “**Previous**” or “**Next**” button to switch the message alert on or off, the 7-segment LED will display “On or OF” with the voice prompt “On or off”.



or



- 3) During the message alert setting mode, press the “**Menu**” button to confirm the setting and enter the base ringer setting mode.



- 4) During the message alert setting mode, Press “**Stop**” button to exit menu setting mode. A beep can be heard to validate the setting.



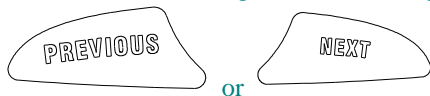
- 5) The default is Off

### 9.1.7 Set base ringer

- 1) Press “**Menu**” button during message alert setting mode. A beep is heard to validate the setting and enter base ringer setting mode. “br” will be displayed on the 7-segment LED with the announcement “base ringer is on/off”, and “On” or “OF” should display for 1 second on the 7-segment.



- 2) Press “**Previous**” or “**Next**” button to switch the answer on/off, the 7-segment LED will display “On or OF”, at the same time the unit will announce “ On/Off” according to current setting.



- 3) During the base ringer setting mode, press the “**Menu**” button to confirm the setting and enter the number of rings setting mode.



- 4) During the base ringer setting mode, Press “**Stop**” button to exit menu setting. A beep can be heard to validate the setting.



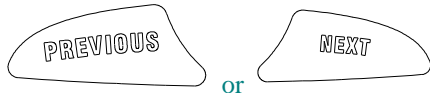
- 5) The default setting is on. When Base ringer is on, base ringer appears in the base speaker following the ring cadence.

### 9.1.8 Set number of rings(two/ four / toll saver)

- 1) Press “**Menu**” button during base ringer setting mode. A beep is heard to validate the setting and enter number of rings setting mode. “Nr” will be displayed on the 7-segment LED, and it will announce “number of rings selected is 2/4/toll saver”, and “2” or “4” or “tS” should display for 1 second on the 7-segment.



- 2) Press “**Previous**” or “**Next**” button to modify the setting. The 7-segment LED will display “r2 or r4 or tS” with voice prompt “ two or four or toll saver”.



- 3) During the number of rings setting mode, press the “**Menu**” button to confirm the setting and return to Answer On / Off setting mode.



- 4) During the setting mode, Press “**Stop**” button to exit menu setting, a beep can be heard to validate the setting.



- 5) The default is Toll Saver.

## 9.2 About Mailboxes

- | This DAM has three voice mailboxes.(Mailbox 1, Mailbox2, Mailbox3)
- | Each mailbox has its own LED.
- | If the mailbox has messages that have been played, its LED will be solid red.
- | If it has new message, the corresponding LED is blinking.
- | If it has no message, the corresponding LED is turn off.
- | Callers using a corded telephone can select the mailbox in which their messages will be recorded by pressing \*1, \*2 or \*3 while the DAM plays the outgoing announcement. All other messages will be recorded in mailbox
- | The default setting is mailbox 1.
- | If an incoming call comes during Mailbox recording/playback, the unit will be stop recording or playing mode automatically and start to ring.
- | When the DAM announces “please select a mailbox”, press the other keys should be disabled except press Mailbox1, Mailbox 2, or Mailbox3 button.
- | If the built-in phone line is connected during any mailbox mode, the unit should be exit mailbox mode automatically and go to talk mode.

### 9.2.1 Record a memo

You can record a memo message to the answering machine for later review or for your families.

- 1) In standby mode, press **Rec/memo** key, the DAM announces “ please select a mailbox”.



- 2) Press a **Mailbox** button to select a mailbox for the memo, it will announce “now recording” a beep, After the beep, speak loudly toward the microphone. The 7-segments LED displays the length of your memo from “0” to “59”.



- 3) Press “**Stop**” button to end the recording, the 7-segment LED will indicate the number of total new messages with flashing digits.



- 4) If the recorded time exceeded 1 minute, the recording will be stopped automatically with the announcement “recorded”
- 5) If the recorded time is less than 3 seconds, DAM will announce “ Message was not recorded. Please record longer message again”, and then return to standby mode.
- 6) If memory becomes full while recording, three beeps are heard and DAM will announce “Memory is full”, at the same time the 7-segments LED will display “F” and the message count alternatively (250ms per display)
- 7) During MEMO recording, send an incoming call to the unit. The recording will be cancelled automatically, and the unit starts to ring.

### 9.2.2 Messages playback

The DAM automatically saves your messages until you delete them. In addition, you can store approximately 15 minutes of messages, memos, and announcements (up to a maximum of 50 messages).

#### **I Play**

- 1) Press a **Mailbox** key at idle.



- 2) When there are new messages in a mailbox and no old message, the LED of mailboxes will be flashing. Press the mailbox button at idle mode, the unit will announce “mailbox \*, you have \*\* new messages” and start playing from the first new message and continuing until the last one.
- 3) When there are new messages and old messages, the LED of mailboxes will be flashing. Press the mailbox button at idle mode, the unit will announce “ mailbox \*, you have \*\* new messages and \*\* old messages”. DAM will only play the new messages, starting from the first new message and continuing until the last new message, then return to standby mode.
- 4) When there are only old messages, the LED of mailbox will be solid red. Press the mailbox button at idle mode, the unit will announce “ mailbox \*, you have \*\* old messages”. DAM will play from the first message until the last message.
- 5) When there is no message, the LED of mailbox will turn off. Press the mailbox button at idle mode, the unit will announce “mailbox \*, you have no message”, then return to standby mode.

- 6) After playing a message, the DAM announces the day and time it was received. While the message plays, the 7-segments LED displays the number of the message.
- 7) After playing the last message in a mailbox, DAM announces “End of messages.” if the DAM has less than four minutes of recording time left, it announces remaining time.
- 8) If an incoming call comes during message playback, playback will stop automatically and the unit starts to ring.

### I Stop

1) During message playback, Press “**Stop**” button to stop playing, then a short beep can be heard and return to standby mode.



### I Repeat /Previous

During message playback, Press “**Previous**” key to play current message again after 1 seconds of current message playback. Otherwise, it plays previous message.



### I Skip

During message playback, Press “**Next**” key to play the next message.



### 9.2.3 Delete Message.

#### I Delete a message

1) During message playback, press **Delete** button. The current message will be deleted, and the unit will announce “message is deleted”, the next message will start to play, and the 7-segment LED displays the correct message number.



2) If no message is remained, the unit returns to standby state.

#### I Delete all messages in particular mailbox

1) At standby mode, press and hold **Delete** button until a short beep is heard followed by the announcement “please select a mailbox”.





- 2) Then press the **mailbox '1or 2 or 3'** button that you want to delete, the unit will announce “all old messages are deleted”, and the DAM will return to standby mode.



- 3) The 7-segment LED message counter will return to “0” if no new message in any mailbox.
- 4) The mailbox LED will be turned off if no new message in that mailbox.
- 5) All messages should be listened before. Only the messages that were listened can be deleted.
- 6) You must notice only the messages you have reviewed can be deleted and once you deleted the message, it cannot be recovered.

### 9.3 About announcement (OGM)

- 1) You can record up to two different announcements—one for normal answering and the other is for announcement only.
- 2) Use normal answering when you want the DAM to record callers' messages. Uses announce only when you want to give information to callers without accepting messages.
- 3) If you choose not to record an announcement, the DAM answers with a pre-recorded announcement.
- 4) The normal answering pre-recorded announcement says “ **Please leave your message after the beep**”
- 5) The announce only pre-recorded OGM is “**I am sorry I am not available. Please call back later**”
- 6) By setting announce only On or Off, you decide which announcement your callers will hear when the DAM answers a call (the DAM comes set for normal answering, with announce only turned off).
- 7) Pre-record OGM cannot be deleted. When user-recorded announcement is deleted, the pre-recorded OGM is used.
- 8) During announcement recording, all of the other buttons are disabled except “Stop” button. If send an incoming call to the unit, the recording will be cancelled automatically, and start to ring.
- 9) During announcement recording, if press handset “Talk” button to take the line, the recording will be cancelled automatically.

- 10) During announcement playing, if send an incoming call to the unit, the playing will be stop automatically, and start to ring. If press handset “Talk” button to take the line, the recording will be cancelled automatically.

### 9.3.1 Record your announcement (OGM)

If you have assigned different mailboxes to different people, be sure to tell callers in your announcement to press \* 1, \* 2, \* 3 while the announcement is playing to leave a message in the appropriate mailbox, remember to leave a few seconds blank at the end of your recorded announcement to allow callers time to select a mailbox.

#### **I Record an answering announcement (OGM1)**

- 1) Make sure answering machine is on and announces only is OFF.
- 2) Press **Menu** until you hear “announcement one” and LED display “A1”.



- 3) Press **REC/memo** button, the unit will start recording announce “now recording” followed by a beep. The 2 digits 7-segment LED will indicate elapsed recording time in seconds, counting from “0” to “59”.



- 4) Press **Stop** button to stop recording with a beep and the recorded OGM will be played automatically.



- 5) If the recorded time is less than 3 seconds, DAM will announce “Message was not recorded. Please record longer message again”.
- 6) If memory becomes full while recording, DAM will announce “Memory is full” and stop the recording.
- 7) If you don't stop the recording within 60 seconds, the recording will be stopped automatically after 60 seconds and it will be playback at once.

#### **I Record an answer only announcement (OGM2)**

- 1) Make sure answering machine is on and announces only is ON.
- 2) Press “**Menu**” until you hear “announcement two” and the 7-segment LED display “A2”.



- 3) Press “**REC/memo**” button, the unit will start recording announced “now recording” followed by a beep. The 7-segment LED will indicate elapsed recording time in seconds, counting from “0” to “59”.



- 4) Press “**Stop**” button to stop recording with a beep and the recorded OGM will be played automatically.



- 5) If the recorded time is less than 3 seconds, DAM will announce “Message was not recorded. Please record longer message again”.
- 6) If memory becomes full while recording, DAM will announce “Memory is full” and stop the recording.
- 7) If you don’t stop the recording within 60 seconds, the recording will be stopped automatically after 60 seconds and it will be playback at once.

### **I To review/ delete your announcement (OGM Play/Delete)**

- 1) Press **Menu** button three times to access announcement mode. The 7-segment LED displays “A1/A2” with voice prompt “announcement one / two”.



- 2) Press any **Mailbox** button, the 7-segment LED displays “A1” / “A2”.



- 3) You can only review the latest record.
- 4) Press **Delete** button during playing announcement will delete the message being playing, and then the DAM will use the pre-recorded announcement until you record a new one.



## **9.4 DAM Answering**

When an external call is received, you may to answer the call by answer machine.

### 9.4.1 Normal state

- 1) If in Toll Saver mode, the unit will answer after 4 rings when there is no new message in the memory. Or after 2 rings when new ICM/MEMO is in the memory.
- 2) If the number of ringer is setting 2, the unit will answer after 2 rings.
- 3) If the number of ringer is setting 4, the unit will answer after 4 rings.
- 4) The announcement 1 can heard from the caller line. (If you did not record announcement 1, the default announcement 1 can be heard)
- 5) After announcement playback, a beep is heard and starts incoming message recording.
- 6) If you want to select one mailbox among the three, you must press ‘ \*1 ’ or ‘ \*2 ’ or ‘ \*3 ’ to select before the announcement is over, the DAM will announce “mailbox \* now recording” and followed by a beep, it indicate the recording begin.
- 7) If you no press ‘ \*1 ’ or ‘ \*2 ’ or ‘ \*3 ’ to select before the announcement is over, a beep is heard and the messages will be recorded in mailbox1.
- 8) The LED will display “- - ” while recording.
- 9) The max length for each message is 1 minute, if the recording length is more than 1 minute, it will be stopped automatically, and a beep can be heard.
- 10) During ICM recording, if send 8 seconds of silence to the line, the DAM will release the line.
- 11) During ICM recording, if send 8 seconds of busy tone to the line, the DAM will release the line.
- 12) During ICM recording, if send 8 seconds of continuous tone to the line, the DAM will release the line.
- 13) Recording will be stopped when memory is full. And three beeps are heard together with voice prompt “memory is full”, the line will be disconnected.
- 14) Maximum number of messages is 50 (including ICM, & MEMO).

### 9.4.2 Branch phone detection

- 1) When in coming call and the DAM answer on, during OGM playback or ICM recording, if press Handset PHONE key or pickup the parallel phone to take the line, the unit should stop ICM recording within 5 seconds and go to communicate with caller. The recorded message is invalid.



- 2) During Remote Control State, if press Handset PHONE key or pickup the parallel phone to take the line, the unit should exit remote control within 5 seconds.



### 9.4.3 Memory full/ Answer only/ Answer off

- 1) If select answer only mode, send an incoming ring to the unit. DAM will answer after 2 or 4 rings, and play the announcement 2, and then go to standby state. If do not record the announcement 2, it will use the default announcement 2.
- 2) If select answer off mode, send an incoming ring to the unit. DAM will answer after 10 rings then a 3-second beep can be heard.
- 3) If the memory is full, send an incoming ring to the unit. DAM will answer after 10 rings then a 3-second beep can be heard.
- 4) If no valid code input within 15 seconds, a beep is heard and line disconnect, it go to standby state, no message recorded.

## 9.5 Volume Control

### 9.5.1 In Standby Mode

- 1) Press **UP/Down** key to enter volume setting, the current volume level number will display on the 7-segments LED.



- 2) Press **Up/Down** key to increase/ decrease the volume level, the 7-segments LED displays the volume number ( 1 - 8 ).



### 9.5.2 During message playback

- 1) Press **UP/Down** key to enter volume setting, the current volume level number will display on the 7-segments LED.



- 2) Press **Up/Down** key to increase/ decrease the volume level, the 7-segments LED displays the volume number ( 1 - 8 ).



## 9.6 Call screening / intercept

- 1) Make sure the DAM is on, and set the message playback volume control above level 1 so you can hear the caller's message.
- 2) If you decide to take the call, press **PHONE** on the handset.



## 9.7 Message Window Display

Window display	Description
0	No new messages in any mailbox
1-50, flashing	Total number of messages in all mailboxes
0 - 50 ↔ F	Memory is full, or total number of message is 50
Counting 0 to 59	Duration of announcement or memo recording
1-50	Current message number during message playback
1-8, steady for one second	Indicates volume level selected when volume "UP" or volume "DOWN" is pressed.
00-99	Current Remote Access Code while setting
ON or OF	Displayed when any setting is changed from On or Off
CL ↔ normal display	Clock needs to be set
--	DAM is answering a call or is in remote operation
88, flashing	DAM is in initializing
A1/A2	Announcement 1 /announcement 2
An	Enter Answer on/off menu mode
2/4/tS	During setting number of rings
Ac	Enter remote access code
Ao	Enter announce only
AL	Enter message alert
br	Enter base ringer
Nr	Enter number of rings
d1-d7	Setting the day of the time
00-23	Setting the hour of the time
00-59	Setting the minute of the time

## 9.8 Remote Control through C/O line

You can access many features of this DAM remotely from a touch-tone phone.

- 1) When the DAM is connected to the telephone line. During the announcement, enter your remote access code (default 0000).
- 2) If the code entered is correct, it will give one beep.
- 3) If remote code entered is wrong, the DAM cannot enter remote control mode. The DAM allows user to enter 16 digits maximum. If it still cannot match the 4 digits, it disconnects. If the user presses wrongly, the user needs to enter the whole remote code again.
- 4) Within 5 seconds, enter a remote command (see “remote access commands”) else it will play the help menu automatically. After finished the help menu playback, if there is no command input within 20 seconds, it will be disconnect.
- 5) The DAM has voice prompts to help you with remote operation. When you enter Remote Control State, then press ‘\*’ to hear the voice menu while remotely connected to the DAM.

### 9.8.1 Remote Control Commands

Function	Command
Play messages	First press 1, 2 or 3, to select and play message in mailbox 1, 2 or 3. Then it will say, “You have xx new messages, xx old message or no message”.
Repeat current/ previous message	During message playback, press 4 to play current message after 1 second of current message playback. Otherwise, play Previous message.
Stop message	During message playback or recording, press ‘5’ to stop.
Play Next message	During message playback, Press ‘ 6 ’ to play Next message.
Delete current message	During message playback, press 7 to delete the current message.
Record Memo	Press 8 to record memo. After 8 is pressed, it will say, “Please select a mailbox”. Press 1,2 or 3 and then start recording. Press ‘5’ to stop recording.
Record announcement	Press 9, then presses 5 to stop.

<p><b>Toggle DAM answer on/off</b></p>	<p>When the DAM is on, press “ 0 ”to switch to answer off. When the DAM is off, press “ 0 ”to switch to answer on.</p>
<p><b>Play Help Menu</b></p>	<p>During remote standby state, press “ * ” to play help menu. The help menu is: Press one to select and play mailbox one Press two to select and play mailbox two Press three to select and play mailbox three Press four to repeat current message or play previous message Press five to stop. Press six to play Next message. Press seven to delete current message. Press eight to record memo. Press nine to record announcement. Press zero to toggle machine on or off. Press star for help.</p>

**NOTE:** the remote access call ends automatically if you don't press a key within 20 seconds (other than when remote recording or playing messages or announcements)



## **10 Consumer Information**

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:

2X6WI00B2G4C230X. If requested, this number must be provided to the telephone company.

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.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details in section (2).

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: 2X6WI00B2G4C230X. The digits represented by 00 are the REN without a decimal point (e.g., 03 is a REN of 0.3). The REN is separately shown on the label too.

If this equipment OL2410 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.

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.

Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

This equipment is hearing aid compatible.

**NOTICE:**

1) If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this OL2410 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 arrestor is recommended.

Should you experience trouble with this equipment, please contact US Returns Center, Wave Industries, with the below information for warranty 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.

**QUESTIONS??????**

**OUR HELP LINE IS**

**1-866-537-0384**

**Wave Industries c/o Moore Co.  
123 S.E. 2<sup>nd</sup> Ave., Door #13,  
Portland, OR 97214**

**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.

**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. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. 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.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received. Including interference that may cause undesired operation.

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