



AT4105

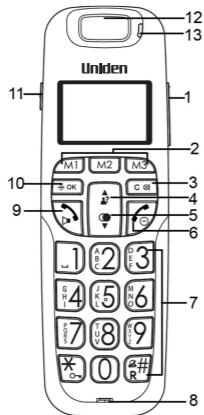
Cordless Phone



# User's manual

## 3. GETTING TO KNOW YOUR PHONE

### 3.1 Overview of the Handset



1. VOLUME CONTROL
2. M1/M2/M3 - DIRECT MEMORY KEYS
3. C / INT / MUTE
4. ▲ / CALL LOG
5. ▼ / REDIAL LIST
6. TALK OFF
7. ALPHANUMERIC KEYPAD, \* (STAR), # (HASH)
8. MICROPHONE
9. TALK ON / SPEAKERPHONE
10. MENU / OK
11. AUDIO BOOST
12. LED
13. EARPIECE

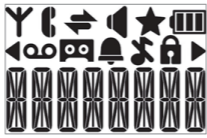
### 3.2 Base Station Overview



Press the Page on the base station to page your handset. It will ring for approximately 60 seconds.

### 3.3 Display Icons and Symbols

The screen display gives you information on the current status of the telephone.



Display icons	Icons can be Steadily On (visible), Flashing or Off (not visible)
	Steadily on when the handset is within range of the base. Flashes when the handset is in marginal range of the base. Off when out of range of the base or cannot communicate with the base.
	Steadily on when a call is in progress. Flashes when there is an incoming call. Off when handset is on hook.
	On when the speakerphone is turned on. Off when speakerphone is off.
	Steadily on when the intercom call is connected successfully. Flashes when there is an incoming internal call or internal call being put on hold. Off when the intercom call goes on hook.
	On new new call received. Off when no new call.
	On when the ringer is switched off. Off when ringer is turned on.
	Steadily on when an alarm is set. Flashes when the alarm time set before reaches. Off when alarm is turned off.
	On when the keypad is locked. Off when the keypad is unlocked.
	On when there is new voice message not yet read. Off when all the voice messages have been read.
	On when more digits are existed before the text currently displayed. Off when no digit is existed before the number currently displayed.
	On when more digits are existed after the text currently displayed. Off when no digit is existed after the number currently displayed.
	Full battery power level.
	2/3 battery power level.
	1/3 battery power level.
	Flashes when low battery power level is detected, needs charging.
	Animation in cycle, battery is charging.

### 3.4 Menu Structure

In idle mode: Press **OK** → ▲ / ▼ → Press **OK** to select. Press **C** to return to previous screen. Long Press **C** to return to idle mode.

MAIN MENU	CONTACTS	CALL LOG	BS SET	HS SET
SUB MENU	ADD VIEW EDIT DELETE DEL ALL CAPACITY FASTDIAL	STORE DELETE DEL ALL DETAILS CATEGORY	DEL HS DIALMODE FLASH CHG PIN	RINGER TONE EQLIZER SEL BASE LANGUAGE HS NAME DISPLAY AUTO ANS MAIL BOX
MEM KEY	CLOCK	ALARM	REGISTER	DEFAULT
M1 M2 M3	DATE FMT TIME FMT SET TIME SET DATE	ON OFF	Pin?	Pin?

## 4. USING YOUR PHONE

### 4.1 Make a Call

4.1.1 Preparatory Dialing  
Enter the phone number and press **CALL** to dial the number. Press **C** to clear the entry.

### 4.1.2 Direct Dialing

Press **CALL** to take the line and enter the phone number.

### 4.1.3 Call from the phonebook

**OK** → **CONTACTS** → ▲ / ▼ to select the desired Call List entry → **CALL**

### 4.1.4 Call from the Call List

▲ → ▲ / ▼ to select the desired Call List entry → **CALL**

### 4.1.5 Call from the redial list

▼ → ▲ / ▼ to select the desired redial number → **CALL**

### 4.1.6 Call timer

Your handset automatically times the duration of every call. The call timer will display a few seconds after the call has made. It is shown in hours, minutes and seconds format (HH:MM:SS).

### 4.2 Answer an Incoming Call

In idle, press and hold **M1/ M2/M3** to dial the number pre-stored into the keys respectively. You need to set the direct access number first. Please see section 7.3.11 for details.  
- If no number is stored, you will hear double beeps tone.

### 4.3 Answer a Call

If the handset is not on the charging cradle:  
When the phone rings, press **CALL** to answer a call.  
If the handset is on the charging cradle or the base station and if **AUTO ANS** is set to ON:  
When the phone rings, pick up the handset to answer a call.

### 4.4 Audio Boost Feature

The audio boost feature allows you to amplify the handset earpiece volume to compensate for the ear's limited sensitivity.  
To turn on the audio boost feature, press <Auto Boost> at any time during a call. The handset top indicator turns on. Press again to turn off.  
- The audio boost feature will be turned off automatically when the call is ended.

### 4.5 End a Call

Press **CALL** -OR- Place the handset on the base.

### 4.6 Adjust Earpiece and Handsfree Volume

There are 5 levels (VOLUME 1 to VOLUME 5) to choose from for each of earpiece and handsfree volume.  
During a call:  
Press <Volume Control> to select volume 1-5. The current setting is shown. When you end the call, the setting will remain at the last selected level.

### 4.7 Mute a Call

You can talk to someone nearby without letting the caller hear you during a call.  
During a call:  
Press **C** to mute the microphone and "MUTED" will display on the screen. Your caller cannot hear you.  
Press **C** again to unmute the microphone.

### 4.8 Set the Silent Mode

In idle, press and hold **#** to turn off the handset ringer. The **Silent** icon is displayed on the screen. Long press again to turn on the ringer.

### 4.9 Turn on/off the Keypad Lock

Long Press \* **X** \* The **Lock** icon is displayed on the screen. Long Press again to turn off.

### 4.10 Redial the last number

You can redial up to 5 of the last numbers called. If you have stored a name in the phonebook to go with the number, the name will be displayed instead. The most recent last number will display at the top of the redial list.

### 4.10.1 Redial a Number from the Redial List

In idle mode, press ▼ → ▲ / ▼ select the record → **CALL**  
Remarks: If redial entry with name, press # to view the number.  
Note: If there are no numbers in the redial list, the display shows "EMPTY".

### 4.10.2 Store a Redial Number into the Phonebook

In idle mode, press ▼ → ▲ / ▼ select the record → **OK** → **STORE** → **OK** → enter the name. → **OK** → ▲ / ▼ to select RING 1-10. → **OK**

### 4.10.3 Delete a Redial Number

In idle mode, press ▼ → ▲ / ▼ select the record → **OK** → ▲ / ▼ to select DELETE → **OK**

### 4.10.4 Delete the Entire Redial List

In idle mode, press ▼ → **OK** → ▲ / ▼ to select DEL ALL → **OK** → **OK**

### 4.11 Find the Handset

You can locate the handset by pressing PAGE Button **CALL** on the base station. All the handsets registered to the base will produce the paging tone and "PAGING" is displayed on the screen. You can stop the paging by pressing **CALL** / **CALL** / **C** on any handset or PAGE Button **CALL** on the base again.  
Note: If there is an incoming call during paging, the phone will ring with the incoming call instead of paging.

### 4.12 Make an Internal Call (Only for at least 2 registered handsets)

This feature is only applicable when there are at least two registered handsets. It allows you to make internal calls, transfer external calls from one handset to another handset and make conference calls. If the called handset is not answered within 60 seconds, the called handset will stop ringing and the calling handset will return to standby mode.  
Note: If only one handset is registered to the base station, press **C** will display "FAILED".

### 4.12.1 Intercom Another Handset

1. In idle mode, press **C** and the registered handsets will display except the calling handset.  
2. Enter the desired handset number to intercom with.  
3. The called handset rings. Press **CALL** on the called handset to establish the internal call.  
Note: If two handsets are registered to the base station, press **C** will connect to another handset immediately.

### 4.12.2 Call All Handsets (for more than 2 registered handsets only)

1. In idle mode, press **C** and the registered handsets will display.  
2. Press <KEY 9> to ring to all registered handsets.

### 4.12.3 Transfer an External Call to another handset

During an external call:  
1. Press **OK** and ▲ / ▼ to select **INTERCOM**.  
2. Press **OK** to select the desired handset to intercom with.  
3. The external call is put on hold automatically and the called handset rings.  
4. Press **CALL** on the called handset to establish an internal call.

5. Press **CALL** on the calling handset or put the calling handset on the charging cradle to end the current call with the external party.  
6. The external call is transferred to the called handset.

### 4.12.4 Make a 3-way Conference Call

The conference call feature allows one external call to be shared with two handsets (in intercom). The three parties can share the conversation and no network subscription is required.  
During an external call:  
1. Follow Steps 1 to 4 in section 3.12.3.  
2. Press and hold \* **X** \* on the calling handset to establish the conference call.  
Any handset hangs up during a conference call will leave the other handset still in connection with the external call.

## 5. PHONEBOOK

Your phone can store up to 20 private phonebook entries with names and numbers. Each phonebook entry can have a maximum of 20 digits for the phone number and 8 characters for the name. You can also select different ringtones for your phonebook entries. Phonebook entries are stored alphabetically by name.

### 5.1 Add a New Phonebook Entry

**OK** → **CONTACTS** → **OK** → **OK** → ADD → **OK** → Enter name → **OK** → Enter number → **OK** → ▲ / ▼ → RING 1 - RING 10 → **OK**

### 5.2 Search a Phonebook Entry

In idle: **OK** → **CONTACTS** → Enter the first character of the name by multi-tap.

### 5.3 View a Phonebook Entry

**OK** → **CONTACTS** → **OK** → ▲ / ▼ to view the entry → **OK** → ▲ / ▼ → VIEW → **OK** → ▲ / ▼ to view name , number and Ringtone.

### 5.4 Edit a Phonebook Entry

**OK** → **CONTACTS** → **OK** → ▲ / ▼ to view the entry → **OK** → ▲ / ▼ → EDIT → **OK** → Edit name → **OK** → Edit the number → **OK** → RING 1 - RING 10 → **OK**

### 5.5 Delete a Phonebook Entry

**OK** → **CONTACTS** → **OK** → ▲ / ▼ to view the entry → **OK** → ▲ / ▼ → DELETE → **OK**

### 5.6 Delete the Entire Private Phonebook

**OK** → **CONTACTS** → **OK** → **OK** → ▲ / ▼ → DELETE ALL → **OK** → **OK**

### 5.7 Check the Phonebook Usage

You can check how many phonebook entries have been occupied in your phone and how many phonebook entries are available for you to store in the phonebook.

**OK** → **CONTACTS** → **OK** → **OK** → ▲ / ▼ → CAPACITY → **OK** → **OK**

### 5.8 Set the Fast Dial Numbers

After setting the fast dial numbers, you can dial to the pre-set numbers by pressing and holding the respective digit keys from idle mode.

### 5.8.1 Add or Edit the Fast Dial Number

**OK** → **CONTACTS** → **OK** → **OK** → ▲ / ▼ → FASTDIAL → **OK** → select key 2 - 9 →

A) If there is no number stored in the selected key, EMPTY will show on the screen:

▲ / ▼ to select an entry from the contacts list. → **OK**

B) If there is already a number stored in the selected key:

**OK** to select EDIT. → ▲ / ▼ to select an entry from the contacts list. → **OK**

### 5.8.1 Delete the Fast Dial Number

**OK** → **CONTACTS** → **OK** → **OK** → ▲ / ▼ → FASTDIAL → **OK** → select key 2 - 9 → **OK** → ▲ / ▼ → DELETE → **OK**

## 6. CALLER DISPLAY

This feature is available if you have subscribed the Caller Line Identification service with your network service provider. Your phone can store up to 10 received calls with date/time information in the call log. The number will be shown on the screen when the phone is ringing. If the number matches with one of the entries in your Private Phonebook, the caller's name stored in the private phonebook will be displayed alternatively with the number. The handset will ring with the melody associated with that phonebook entry.  
If the caller number is disabled to send caller information, "WITHHELD" will display. In standby, if three unanswered calls are received, "3 CALLS" will be displayed.

### 6.1 View the Call List

All received calls are saved in call log with the latest call putting at the top of the list. When the call list is full, the oldest call will be replaced by a new call. The unanswered call which has not been read is marked with a **STAR** icon.

Press **▲** to access the call list. Or Press **OK** → ▲ / ▼ to select CALL LOG → **OK**

### 6.2 Store a Call List Number into the Phonebook

Press **▲** → ▲ / ▼ select the record → **OK** → **STORE** → **OK** → enter the name. → **OK** → Edit number if necessary → **OK** → **OK** → ▲ / ▼ to select melody 1-10. → **OK**

### 6.3 Delete an entry in the Call Log

Press **▲** → ▲ / ▼ select the record → **OK** → ▲ / ▼ to select DELETE → **OK**

### 6.4 Delete the entire list of the Call Log

Press **▲** → **OK** → **OK** → ▲ / ▼ to select DELETE ALL → **OK** → **OK**

### 6.5 View the Details of the Call List Entry

Press **▲** → ▲ / ▼ select the record → **OK** → ▲ / ▼ to select DETAILS → **OK**

## 7. PHONE SETTINGS

Your phone comes with a selection of settings that you can change to personalize your phone the way you like it to work.

### 7.1 Clock Settings

You will need to set the correct time and date so that you know when you received answering machine (applicable to model with answering machine) or call list entries.

### 7.1.1 Change the Date Format (Optional)

**OK** → ▲ / ▼ → CLOCK. → **OK** → ▲ / ▼ → DATE FMT → **OK** → ▲ / ▼ to select your desired date format (DDMMYY or MMDDYY) → **OK**

### 7.1.2 Change the Time Format (Optional)

**OK** → ▲ / ▼ → CLOCK. → **OK** → ▲ / ▼ → TIME FMT → **OK** → ▲ / ▼ to select your desired date format (12 HR or 24 HR) → **OK**

### 7.1.3 Set the Time

**OK** → ▲ / ▼ → CLOCK. → **OK** → ▲ / ▼ → SET TIME → **OK** → Enter Time → **OK**  
Note: If time has been set before, the current time will display, otherwise, "HH:MM" will display.

### 7.1.3 Set the Date

**OK** → ▲ / ▼ → CLOCK. → **OK** → ▲ / ▼ → SET DATE → **OK** → Enter Date → **OK**  
Note: If date has been set before, the current date will display, otherwise, "DDMMYY" will display.

### 7.2 Alarm Settings

You can use this phone to set an alarm clock. When an alarm is set, the **Alarm** displays on the screen. When the alarm time is reached, the **Alarm** and "ALARM ON" flash on the screen ringing with the alarm melody for a duration of 45 seconds. You can press any key to disable the alarm. If snooze function is activated, the alarm will sound again at the end of the snooze period of 7 minutes.

Note:

- Key press is still applicable if handset keypad is locked and when the alarm time is reached.
- The alarm volume level is the same as the settings of the handset ringer volume. If the handset ringer is set to OFF, the alarm still sounds at VOLUME 1 level.
- During an external call or internal call, if an alarm is set and when the alarm time is reached, the "ALARM ON" will still flash. An alarm tone will be emitted from the earpiece to notify user the alarm time is reached. Once user press any key or press and hold **CALL** to disable the alarm, it will revert to the call duration screen.
- During paging or ringing, the alarm will not sound when the alarm time is reached. However, if snooze function is enabled, the alarm will sound again at the end of the snooze period provided that it's not ringing or in paging mode at the end of the snooze period.

### 7.2.1 Turn on/off the Alarm

**OK** → ▲ / ▼ → ALARM. → **OK** → ▲ / ▼ → to select ON/OFF → **OK**

If the Alarm is set to be ON:

Enter the alarm time → **OK** → **OK** (set the snooze function) → ▲ / ▼ to select ON/OFF → **OK**

### 7.3 Handset Settings

#### 7.3.1 Set the Ringer Melody for Internal Calls

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select RINGER → **OK** → ▲ / ▼ to select INT RING → **OK** → ▲ / ▼ to select ringer 1-10 → **OK**

#### 7.3.2 Set the Ringer Melody for External Calls

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select RINGER → **OK** → ▲ / ▼ to select EXT RING → **OK** → ▲ / ▼ to select ringer 1-10 → **OK**

#### 7.3.3 Set the Ringer Volume

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select RINGER → **OK** → ▲ / ▼ to select EXT RING → **OK** → ▲ / ▼ to select ringer 1-10 → **OK**

Note: If OFF is selected, **OFF** icon will display.

#### 7.3.4 Set Alert Tones

A single beep is emitted when you press a key. You can turn on or off the key tone. You can also turn on the alert tones when low battery and out of range are detected. Low battery tone will be emitted while you are talking with the phone to alert you that you need to charge up your battery.

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select TONE → **OK** → ▲ / ▼ to select KEY TONE / LOW BATT / OUTRANGE → **OK** → ▲ / ▼ to select ON/OFF → **OK**

#### 7.3.5 Set the Equalizer

The phone has three different frequency range filters to compensate for the ear's limited sensitivity in these ranges. For more details about the amplify feature, please refer to section 4.4.

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select EQLIZER → **OK** → ▲ / ▼ to select the desired frequency range filter → **OK**

#### 7.3.6 Select Base

If you have registered the handset to more than one base, you can select any one of them to use with your handset.

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select SEL BASE → **OK** → ▲ / ▼ to select the desired base → **OK**

#### 7.3.7 Set the Handset Language

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select LANGUAGE → **OK** → ▲ / ▼ to select the desired language → **OK**

#### 7.3.8 Rename the Handset

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select HS NAME → **OK** → ▲ / ▼ Enter name → **OK**

#### 7.3.9 Choose the Information to be displayed in Idle

You can choose to display time or handset name in your idle screen.

**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select DISPLAY → **OK** → ▲ / ▼ to select HS NAME or TIME → **OK**

#### 7.3.10 Set the Auto Answer

If you turn on the Auto Answer, you can pick up the call from the cradle without pressing any key.  
**OK** → ▲ / ▼ → HS SET → **OK** → ▲ / ▼ to select AUTO ANS → **OK** → ▲ / ▼ to select ON/OFF → **OK**

#### 7.3.11 Set the Direct Memory Keys

There are three direct memory keys M1, M2 and M3. You can store three numbers into these keys and dial them directly from idle mode.  
**OK** → ▲ / ▼ → MEM KEY → **OK** → ▲ / ▼ to select M1, M2 or M3 → **OK** → enter a new number or edit the number stored already → **OK**

## 7.4 Base Settings

The current settings are marked an asterisk which is displayed at the rightmost of the menu item.

### 7.4.1 De-register a Handset

You are requested to enter the 4-digit PIN in order to de-register a handset from the base station. The antenna icon on the de-registered handset will be off.

Note: You cannot de-register the handset that you are currently using.

**OK** → ▲ / ▼ → BS SET → **OK** → ▲ / ▼ to select DEL HS → **OK** → Enter 4-digit PIN (Default system PIN: 0000) → **OK** → ▲ / ▼ to select the handsets that you want to de-register. → **OK**

### 7.4.2 Change the Dial Mode

**OK** → ▲ / ▼ → BS SET → **OK** → ▲ / ▼ to select DIALMODE → **OK** → ▲ / ▼ to select TONE or PULSE → <