

# ALCOM

*Quality Lifestyle*

**MODEL: AT8090**  
**Caller ID Coded Phone**  
**Instruction Manual**



- Please read this Instruction Manual carefully before use.
- Keep this Instruction Manual for future reference.

## **Important Safety Precautions**

**Thank you for purchasing this ALCOM Telephone.**

**We recommend you to read this manual and familiarize the functions of this unit before use.**

1. The phone should be placed in cool, dry, ventilated and non-toxic places, etc.
2. Keep your phone away from moisture, dust, liquids and steam; if it gets wet or dusty, wipe it immediately.
3. Use damp soft cloth for cleaning occasionally to keep it looking new; don't use liquid cleaners or aerosol cleaners. Also make sure to disconnect the telephone line before cleaning.
4. Do not expose LCD in the sun for long time; and if you won't use the phone for more than a month, remove the batteries because they may leak and damage the phone.
5. Never
  - Touch plug contacts with sharp or metallic objects.
  - Move and operate the phone during an electrical storm, there may be a remote risk of electronic shock from lightning and thunder.
  - Open the phone yourself, modifying or tampering the internal components can cause malfunction and might invalidate the warranty. If your phone is not performing as it should, take it to your local service centre for repair.
6. Other Important Tips
  - Caller ID function will work only after you have subscribed for the service in the local telecom

company.

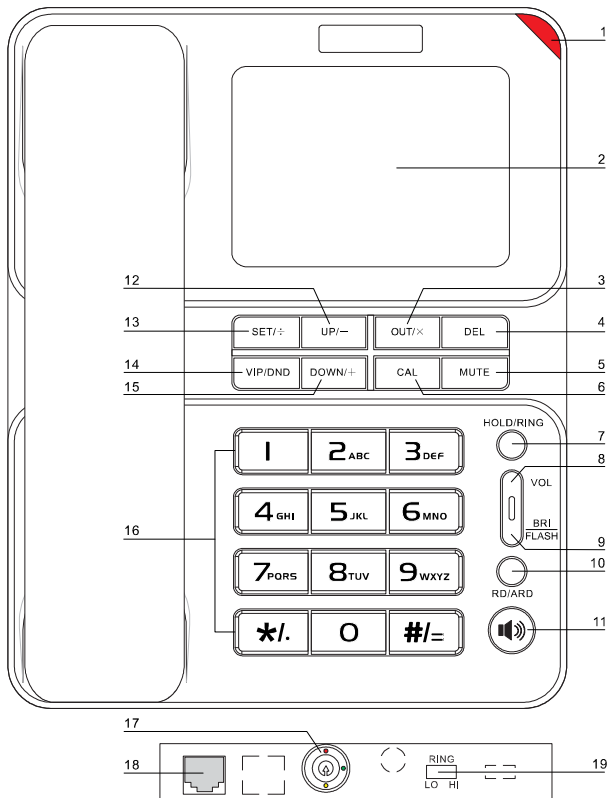
- Please answer the call after the phone rings twice, otherwise there are chances that Caller ID may not come in your phone.

### **Features**

- FSK/DTMF compatible with auto-detection
- 12-digit LCD display with real clock
- Dynamic storage: 55 incoming calls, 14 outgoing calls and 55 VIP calls
- 8 normal ringing tones with 4 levels volume control
- 3 groups of normal alarm clock
- 2 digits PABX code setting and 5 digits area code filtering
- Pre-dialing and backspace function
- Hold on music
- Mute ringing function
- DND (Do Not Disturb) function
- 5 levels of LCD contrast adjustable
- Pulse and tone dialing mode selectable
- 3 steps lock of dialing keypads
- Redial and auto-redial function
- Flash time selectable
- Calculator function
- Baby call function
- LCD backlight function
- Hands-free dialing and speaking function\*
- Hands-free 3 levels volume control
- Incoming ring LED indicator

**\*Refer Important notes1 on page 14.**

## Overview and Keys Description



- 1-LED:** Incoming ringing indicator
- 2-LCD:** Liquid crystal display
- 3-OUT/X:** Review outgoing calls; calculator symbol
- 4-DEL:** Delete digits and numbers
- 5-MUTE:** Mute incoming ringing
- 6-CAL:** Calculator
- 7-HOLD/RING:** Hold call/Select ringing tone
- 8-VOL:** Ringing and speaker volume control
- 9-BRI/FLASH:** Flash; Adjust LCD contrast (brightness)
- 10-RD/ARD:** Redial the last dialed number; Auto-redial
- 11-📞:** Activate/Deactivate the speakerphone
- 12-UP/—, 15-DOWN/+:** Review incoming calls; navigation keys during settings; calculator symbols
- 13-SET/÷:** Access the settings menu; calculator symbol
- 14-VIP/DND:** Pause; Set VIP number; Set DND time
- 16-NUMBER KEYS:** Dialing keypad
- 17-LOCK:** Mechanical keypad lock
- 18-LINE:** Telephone line jack
- 19-RING(HI/LO) SWITCH:** Ring volume control when no batteries loaded.

## **Preparation and Installation Instructions**

1. Open the battery compartment cover and put 3 batteries of “AA” size into the compartment with correct polarity, then close the cover. After that there will be some icons like date and time shown on LCD, otherwise you need reinstall the batteries properly.  
Important notes: - Please disconnect the phone from telephone line when installing or replacing batteries; and dispose of used old batteries properly, do not bury or burn them.
2. Connect the phone base and handset using the supplied coiled cord.
3. Plug one end of supplied line cord into the modular line jack of the phone base and other end to the available output jack provided by local telecom office. Lift up the handset or press Hands-free key to make sure a dialing tone, otherwise check the connection.
4. Definitions
  - On-hook state: The phone is in idle state with hands-free speaker deactivated and handset placed well on the phone base cradle.
  - Off-hook: The phone engages the telephone line by activating the hands-free speaker or lifting up the handset.

## Operate Your Phone – Settings Menu

### Main Menu Settings

Please browse following menu options first, then select the required options to set your phone as per your need.

1. SET 1 DATE – Set Date and time for LCD display
2. SET 2 CODE – Set local area code, total 5 digits
3. SET 3 PCODE – Set PABX code, total 2 digits
4. SET 4 FLASH – Select flash time
5. SET 5 LCD – Adjust LCD contrast as per view angle, total 5 levels
6. SET 6 ALERT – Set normal alarm clock, total 3 groups
7. SET 7 P-T – Select dialing mode
8. SET 8 PPP – Turn on/off Anti-steal dialing
9. SET 9 BABY – Set baby-call number

In on-hook state, press **SET/÷** key to access the settings menu. During settings: to change setting items, always use **UP/—** or **DOWN/+** key; to confirm one selection, also press **SET/÷** key; to leave the setting mode, press **DEL** key or don't operate the phone for 10 seconds.

The settings of different items are shown in detail as follows:

### Setting Date/Time

1. Press **SET/÷** key, LCD displays **SET 1 DATE**
2. Press **SET/÷** key again, the last two digits of year flickers.

3. Use **UP/—** or **DOWN/+** to change the year, and confirm it with **SET/÷** key.
4. Advance as above to set the month, day, hour and minute by turn. LCD will automatically display the corresponding day of the week.

**Note:** When the unit is powered on initially, LCD will be reminded to set the date first. Use above methods to set it, and then press **SET/÷** key to confirm and come back to standby state.

### **Setting local area code**

Maybe your phone will receive a local area call with area code, which can't be called back, then you can store the area code in your phone in order to filter it once this kind of phone call is received.

1. Press **SET/÷** key then press **UP/—** key to get to **SET 2 CODE**
2. Press **SET/÷** key again, LCD displays **CODE ----** or the preset codes with the first digit flickering.
3. Use **UP/—** or **DOWN/+** to edit the flickering digit from 0 to 9, and confirm it with **SET/÷** key.
4. Advance as above to set the rest.

**Note:** The phone will auto-filter the area code when receiving an incoming call which the first digits are same as area code.

### **Setting PABX code**



If your phone is used on a PABX system, this setting option is required for helping you make external calls.

1. Press **SET/÷** key then press **UP/—** key twice to get to **SET 3 PCODE**.
2. Press **SET/÷** key again, LCD displays **PCODE --** or the preset codes with the first digit flickering.
3. Use **UP/—** or **DOWN/+** key to edit the first code, and confirm it with **SET/÷** key.
4. Set the second code by same way. If PABX code has one digit only, set the second digit as “-”.

### **Setting Flash time**

This setting option allows you to set the flash time required for different exchangers. Contact your local telecom provider to know the appropriate flash time to support different functions.

1. Press **SET/÷** key then press **UP/—** key three times to get to **SET 4 FLASH**
2. Press **SET/÷** key again, LCD displays **FLASH 4 110**
3. Use **UP/—** or **DOWN/+** key to select the Flash time from 110, 300, 600 and 1000ms, and confirm it with **SET/÷** key.

### **Setting LCD contrast**

Depending on the viewing angle of the phone, you may want to adjust the LCD contrast:

1. Press **SET/÷** key then press **UP/—** key four times to get to **SET 5 LCD**.

2. Press **SET/ ÷** key again, LCD displays **LCD 3**(default)
3. Use **UP/ -** or **DOWN/ +** key to select the comfortable level among 5 levels, and press **SET/ ÷** key to confirm.

**Note:** Alternatively in on-hook state, press **BRI/FLASH** key continually to adjust the LCD contrast, and press **DEL** key to save and quit.

### **Setting normal alarm clock**

The phone provides 3 groups of alarm clock with different alarm time to meet your demand.

1. Press **SET/ ÷** key then press **UP/ -** key five times to get to **SET 6 ALERT**
2. Press **SET/ ÷** key again, LCD displays **1 00-00 OFF** with “1” flashing, then press **UP/ -** or **DOWN/ +** key to select the group number from 1~3, and press **SET/ ÷** key to enter the alarm time setting.
3. Use the **UP/ -** or **DOWN/ +** to adjust the alarm time, and press **SET/ ÷** key to confirm every digit.
4. Then the **OFF** flashes, press the **UP/ -** or **DOWN/ +** key to select **ON** and confirm it with **SET/ ÷** key.
5. Set the rest 2 groups by the same way.

**Note:** After opening one group of normal alarm clocks, and when the alarm time arrives, the phone will send out “DI, DI” sound for 1 minute every time.

The alarm clock is available only when the phone is connected to telephone line.


## **Setting Dialing Mode**

This option is needed for those states requiring pulse dialing (default is tone), please know the requirement of your local telecom first.

1. Press **SET/+** key then press **UP/—** key six times to get to **SET 7 P-T**
2. Press **SET/+** key again, LCD displays **TONE**(default).
3. Use **UP/—** or **DOWN/+** key to select **PULSE**, and confirm it with **SET/+** key.

## **Setting anti-steal dialing**

If you don't want others to use your telephone line by connecting extensions (paralleled phones), you can use this option.

1. Press **SET/+** key then press **UP/—** key seven times to get to **SET 8 PPP**
2. Press **SET/+** key again, LCD displays **PPP OFF**(default).
3. Use **UP/—** or **DOWN/+** key to select **ON**, and confirm it with **SET/+** key, LCD displays a  icon.

Note: Paralleled phone in the same line will not be able to make any calls, as whenever parallel phone is picked up this unit will keep sending Di-Di tone to prevent it from dialing. Even for incoming calls the tone will be sent during the conversation. Please set this to OFF if you need to have a parallel phone.

## **Setting baby-call function**

Sometimes you may leave your little kids or elder at home alone, then you can use this function to provide convenience for them to call you. You can store your mobile phone number as baby-call number as follows.

1. Press **SET/÷** key then press **UP/—** key eight times to get to **SET 9 BABY**.
2. Press **SET/÷** key again, LCD displays **BABY OFF** (default).
3. Use **UP/—** or **DOWN/+** key to select ON and press **SET/÷** key to confirm, LCD displays **INPUT CODE**
4. Dial on numbers keypad to input the baby-call number and store it with **SET/÷** key.

Now lift up handset or press any key except **SET/÷**, the baby-call number will be dialed out automatically.

**Important notes:** - If there is call coming during baby-call ON, you can still lift up the handset to answer the call.

## **Other Settings**

### **Selecting ring melody**

The phone provides 8 kinds of ring melody and an option of no ring (RING OFF).

1. In on-hook state, press **HOLD/RING** key, LCD displays **RING 01**.
2. Press **HOLD/RING** key continuously, or press **UP/—** or **DOWN/+** key to select a favorite melody from RING 01~08 as the ringing tone of incoming call.

3. Press **DEL** key to confirm and quit.

**Important notes:** - If select “**RING OFF**”, the phone will not ring for incoming call. If you don't want to be disturbed by incoming calls sometime, then you can select this option, but don't forget reset it after that. Also you can let the phone in DND mode according to the section “Do Not Disturb Function”.

- When your phone is receiving an incoming call that you wouldn't like to answer, you can press **MUTE** key to temporarily mute the ringing. It will reset to normal after ending called.



### **Ring volume control**

In on-hook state, press **VOL** key more once to select the ringing volume, total 4 levels, press **DEL** key to confirm and quit.


Also you can slide the RING switch to adjust the ringing volume.

## **Operate Your Phone – Basic Usage of Telephone**


### **Receiving a Call**

1. When the phone is ringing, lift up the handset or press  key to answer the call.
2. To end the call, put back the handset or press  key again.


### **Making a call**

1. Lift up the handset or press  key and wait for a


dialing tone.

2. Dial the desired phone number on the keypad, LCD will start to time the conversation after 6 seconds.
3. Start speaking after getting through.
4. To end the call, put back the handset or press  key again.

### **Pre-dialing**


1. In on-hook state, dial the keypad to enter the desired phone number. To correct a number press **DEL** key for each incorrect digit.
2. Press **RD/ARD** key to dial the number out.
3. Start speaking after getting through.
4. To end the call, press  key.

### **Redialing**

To redial the last number called, lift up the handset or press  key, then press **RD/ARD** key.

### **Auto-redialing**

If a phone number dialed in hands-free mode is busy, press **RD/ARD** key to enter auto-redialing process. The number will be automatically redialed out every 6 seconds, and up to 15 times maximum. Once the line gets through, the phone will give a notice tone for prompt.

**Note:** If there is an incoming number to call in during auto-redialing, press  key or lift up the handset to answer it. The auto-redialing process is terminated.

### **Pause function**

When the phone is connected on a PABX, a pause may

be required to make external calls.


Usually press the PABX code first and then press **VIP/DND** key to insert a pause, then input the external call number.

### **Flash function**

Many special network services, such as answering a waiting call, transferring an incoming call and disconnecting the current call etc, will require a flash signal to meet the telecom provider. Please check with the telecom office to know the flash time and corresponding function.

Here gives you an example with flash time of 600ms: If dialing a number but the line is engaged, press **BRI/FLASH** key and then press **RD/ARD** key to dial it out again or during a call press **BRI/FLASH** key to access Call Waiting line(2<sup>nd</sup> call).

### **Important Notes**

1. If you have the conversation in hands-free mode, speak into the speaker from a distance of 32cm or less for the other party to hear your voice clearly; and to let you hear comfortably, you can press **VOL** key to adjust the speaker volume, total 3 levels.
2. Switch between Handset and Hands-free mode: If you have the conversation in hands-free mode, lift up the handset to switch to handset mode directly; if you prefer to hands-free conversation when talking by handset, please press  key first and then put

handset back to activate hands-free speaker.

## **Operation Description of Special Functions**

### **Caller ID Message**

When receiving an incoming call, LCD will display the phone number together with calling time and the CALL#. A new number will carry a **“NEW”** icon; the **“REP”** icon will be given to the number that has been received before and hasn't been reviewed yet, and **VIP** icon will be given to VIP incoming number; **“---P---”** will be displayed when the caller prefers his or her number to be hidden; **“---O---”** indicates the call comes from an area where Caller ID service is not supplied; **“---E---”** represents an incorrect incoming signal.

Important notes:

- The current date and time of the phone will be updated by FSK Caller ID signal. DTMF Caller ID signal will not change the date and time setting as it only contains Caller ID information, and DTMF call will be stored in incoming call memory along with the date and time of this phone.
- When the incoming calls memory is full, the latest incoming call always replaces the oldest record in the memory except VIP numbers.

### **Incoming Calls Memory**

The phone provides a dynamic memory for storing incoming calls up to 55 maximum with calling date & time, you can review, call back and delete them.



## **Reviewing**

In on-hook or off-hook state, press **UPI/—** key to enter the reviewing mode of incoming calls, then press **UPI/—** or **DOWN/+** key for scrolled reviewing. To scroll rapidly, press and hold **UPI/—** or **DOWN/+** key.

If you want to keep some calls not to be deleted inadvertently, then you press **VIP/DND** key to set them as VIP numbers during reviewing, there will be a “VIP” icon displayed on LCD.

## **Calling back**

In on-hook or off-hook state, review to an incoming call, then press **RD/ARD** key to call back it. Or press **RD/ARD** key twice, the number will be dialed out ahead with “0”.

If PABX code has been set in advance, the incoming number more than 6 digits will be dialed out ahead with PABX code and a pause added.

## **Deleting**

Review to an incoming call you want to delete (If it is a VIP calls, press **VIP/DND** key to cancel VIP attribute first), press **DEL** key. Or press **DEL** key for 3 seconds to delete all incoming calls including VIP.

## **Outgoing Calls Memory**

The phone provides a dynamic memory for storing outgoing calls up to 14 maximum with conversation time, you can review, dial out and delete them as follows:

## **Reviewing**

In on-hook or off-hook state, press **OUT/×** key to enter the reviewing mode of outgoing calls. Then press **OUT/×** key continuously key for scrolled reviewing. To scroll rapidly, press and hold **OUT/×** key.

### **Dialing out**

In on-hook or off-hook state, review to an outgoing call, then press **RD/ARD** key to dial out it.

### **Deleting**

Review to an outgoing call you want to delete, press **DEL** key. Or press **DEL** key for 3 seconds to delete all outgoing calls.

### **Do not Disturb Function**

#### **Setting DND time**

1. In on-hook state, press **VIP/DND** key, LCD displays **DND 08-00**.
2. Press **UP/—** or **DOWN/+** key to adjust DND time from 1~24 hours.
3. Press **VIP/DND** key again, the phone enters to DND mode, and LCD starts to count down by minute from the set time.

During DND period, the phone will not ring for normal incoming calls. But for VIP number, it will ring as usual.

**Note:** After the DND time counts down to 00-00, the phone will quit DND mode automatically. Or during DND countdown, press **VIP/DND** key to quit directly. In this case, LCD displays “DND OFF” for 10 seconds and then

comes back to standby state.


### **Hold On Music**

When talking over handset, press **HOLD/RING** key to enter the hold mode and the hold music is sent out. In hold mode:

1. Press **HOLD/RING** key to release hold mode and continue to talk over handset.
2. Or hang up handset, it enters Hands-free hold mode.

When talking at Hands-free mode, press **HOLD/RING** key to enter the hold mode and the hold music is sent out.

In hold mode:

1. Lift up the handset to talk over handset.
2. Or press **HOLD/RING** or  key to quit hold mode and talk at Hands-free mode.

### **LCD backlight function**

The LCD Backlight is turned on when receiving an incoming call, dialing, pressing any key or at the music on hold state, etc. It is switched off after 6 seconds if no operation.

Note: If there are no batteries loaded, there will be no LCD backlight function.

### **Mechanical Lock of dialing keypad**

1. Lock all - Use key to turn the LOCK to yellow point, all numbers cannot be dialed except for 110, 112, 119, 120, 122 and 999.
2. Lock "0" - Turn the LOCK to green point, the numbers starting with "0" will be locked.

3. Unlock - Turn the LOCK to red point, all numbers are allowed to dial.

## Troubleshooting

This section tells you how to access information about your phone to help you to diagnose problems.

<b>Problem</b>	<b>Actions</b>
<p>The phone does not dial, but receiving works well. Not able to get through automated phone services. Eg. Phone banking</p>	<p>Check if the dialing keypad is locked - Unlock using key.</p>
	<p>Most of the operators adopt TONE dialing. Please check if your phone is set to TONE dialing (refer page 10 "Setting Dialing Mode"). Set PULSE mode only for older type of phone lines. Please check with your operator for required setting.</p>
<p>The phone rings once then is interrupted, but dialing function works well.</p>	<p>Check if the connector of telephone line is moist.</p>
	<p>Check if too many paralleled phones are used together or their quality aren't good enough – Remove or replace some of them.</p>
<p>Noise during conversation</p>	<p>Check if the connector of telephone line is moist or rusty.</p>
<p>No ring</p>	<p>Check if the phone is in DND mode – Press <b>VIP/DND</b> key to quit.</p>
	<p>Check if RING OFF is selected – Select other ring melody.</p>

No LCD backlight or it becomes dim.	Check if the batteries voltage is too low - Replace the batteries (Please don't mix old and new batteries to use).
	Check if the LCD contrast is set properly – Select a proper level.
Most of the mentioned functions fails	Check if the batteries voltage is too low - Replace the batteries.
	Reset the phone – Disconnect telephone line or remove batteries, reinstall them after 15 minutes.

Important note: If the problems exist still after according to the actions above, please take the phone to your local service centre for repair.

Note: Due to continuous product development All features and specifications are subject to change without prior notice.

**For more Information on Warranty and Product Support in Singapore please call**

**(65) 68412668 or Fax to (65) 68412628.**

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