



A87

User Guide

1 Welcome

Congratulations on becoming a proud owner of the Micromax A87 Android mobile phone. You have now joined the millions of satisfied Micromax customers spread across the Globe. Your A87 device offers you these exciting features and much more:

- Android 2.3.5 (Gingerbread)
- 10.1 CM full touch display
- Dual SIM
- 2 MP camera
- 1 GHz processor
- Multimedia
- External Memory (Expandable to 32 GB)
- Bluetooth 2.1
- Gravity Sensor

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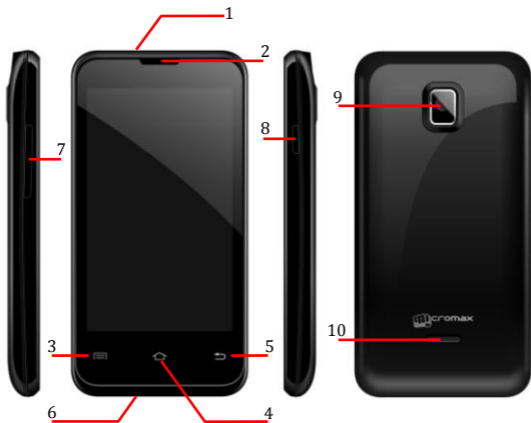
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1 Phone Layout



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1	Earphone socket	6	USB Connector
2	Earpiece	7	Volume Key
3	Context key	8	Power key
4	Home key	9	Camera lens
5	Back key	10	Speaker

1.1 Icons and Indicators

Icons	Indicators	Icons	Indicators
	Signal strength indicator		Alarm has been set
	New missed calls		WLAN is activated
	USB is connected		Bluetooth is on
	The headphone is being used		Battery symbol

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New message



Airplane mode is activated

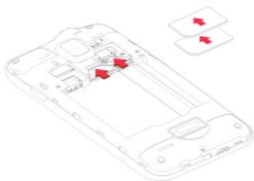
2 Getting Started

2.1 Insert SIM card

The A87 is a Dual SIM mobile phone allowing you to use the facility of two networks.

To insert SIM card(s):

1. Switch off the mobile phone and remove the rear cover and battery.
2. Insert the SIM card correctly in the card slot(s) (See figure below).



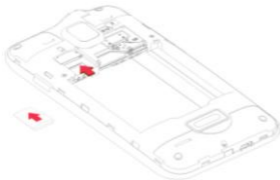
3. Finally insert the battery and replace the rear cover of the

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mobile phone.

2.2 Insert Memory card

1. Power off the mobile phone, then remove the rear cover and battery.
2. Insert the memory card into the slot.



3. Finally insert the battery and the rear cover of the mobile phone.

Use only compatible memory cards approved by Micromax with this device. Incompatible memory cards may damage the card or the device and corrupt the data stored in the card.

2.3 Unbck the phone

You may need to provide PIN, Password, or draw a pattern to unlock your phone. To unlock the screen:

1. Press the power key to wake up the phone.

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2. Hold and drag the unlock icon upward to unlock.

You may be required to unlock your phone based on the unlock method in settings.

To set the unlock method:




1. On the main menu, touch **Settings > Location & Security**.
2. Touch **Set up screen lock**.
3. Choose the type of locking as desired. You can set your screen lock on the basis of pattern, PIN, Password or none.

3 Placing and Receiving Calls

You can dial a phone number or touch a number in your contacts.

You can also place from the Call log or contacts.

3.1 Make a call

1. Tap the  icon on main menu or the home screen to dial the desired number...
2. Tap on any of the Phone, Call Logs, Contacts and Favorite tabs to make a call.
3. To dial an international number, touch and hold the 0 key to enter the Plus (+) symbol, and then enter the international country prefix, followed by the phone number
4. Touch the  or  icon to dial the number.
5. Press the **Volume Up/ Down** keys on the left to adjust the call volume.

3.2 Conference Call

If you dial or accept a new call when you are already on a call, you can merge the calls into a conference call.

1. Place a call to the first participant.
2. When you are connected, touch the **Add call** icon, the first


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participant is put on hold and you are prompted to dial the second contact.

3. Place the next call, using the phone tab, the Call log, or your contacts.
4. When you are connected, touch **Merge calls**. The participant is added to the conference call.

You may need to contact and activate conference call service to avail this facility.

3.3 End a call

While during a call, touch the  icon.

3.4 Disable Phone Calls (Airplane mode)

Some locations may require you to turn off your mobile, Wi-Fi, and Bluetooth wireless connections.

- Press and hold the **Power** button and then choose Airplane Mode.
- Drag notification panel down then touch the **Airplane mode**.

3.5 Using the Touch screen

You can use the touch screen in the following ways:

- **Touch:** Acts on items on the screen, such as application and settings icons, to type letters and symbols using the onscreen keyboard, or to press onscreen buttons.




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- **Touch and hold:** Touch and hold an item on the screen until an action occurs.
- **Drag:** Touch and hold an item and move your finger on the screen until you reach the target position.
- **Swipe or slide:** Quickly slide your finger across the surface of the screen, (without dragging an item). For example, slide the screen up or down to scroll a list.
- **Double-tap:** Tap quickly twice on a webpage, map, or other screen to zoom. For example, double-tap a section of a webpage in Browser to zoom that section to fit the width of the screen. You can also double-tap to control the Camera zoom, in Maps, and in other applications.
- **Pinch:** In some applications (Such as Maps, Browser, and Gallery) you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).
- **Rotate the screen:** On most screens, the orientation of the screen changes as you rotate it. You can turn this feature on and off.

3.6 Using the Phone's Buttons

The phone's buttons and soft buttons offers a lot of functions and shortcuts.

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Button	Press	Press and hold
	Menu key: Opens a context menu related with current screen or Application.	Opens the search bar
	Home key: Opens the Home screen.	Opens recently used applications.
	Back key: Opens the previous screen you were working on.	

4 The Home Screen

When you sign in, the home screen opens.



The status bar shows the time, signal strength, battery status, and notification icons.

Tap items on the Home screen to open them. Touch and hold an empty spot to add a shortcut to an application, a widget and so on

Touch the menu icons to open the menus on the screen such as home screen, main menu, and so on.

- The main menu screen is your starting point to access all the features on your phone.
- At the top of the screen, the Status bar displays the time, status, and notifications.



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- Touch the main menu icon at the bottom of the screen to view all installed applications.

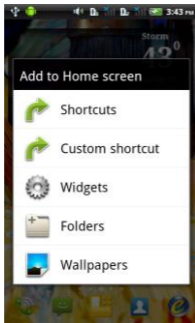
4.1 Customize Home Screen

You can add applications, shortcuts, widgets, and other items to any part of the Home screen or change the wallpaper.

4.1.1 Add items to the Home screen

1. Press  to open the Home screen.
2. Touch  > **Add+** or just touch and hold an empty area on the Home screen.
3. A menu for adding the following pops up.

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- **Shortcuts:** Add shortcuts to applications, a bookmarked webpage, a favorite contact, a destination in Maps, a music play list, etc.
- **Widgets:** Add any application (widgets) to your Home screen, Including clock, music player, pictures and so on. You can also download widgets from Android Market.
- **Folders:** Add a folder where you can organize Home screen items, or folders that contain all your contacts, contacts with phone number, or starred contacts. Your folder's contents are kept up to date automatically.
- **Wallpapers:** Choose different types of wallpapers as desired.

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4.2 Open and Close the Launcher

Touch the Launcher Icon  to open the main menu.

You can add an application icon to the Home screen by pressing and holding it until it vibrates and enters Home screen and then release your finger.



The status bar shows the time, signal strength, battery status, and notification icons.

Slide the Launcher left or right to bring more icons into view.



Touch an application to open it.

Press Home icon or Back icon to close the Launcher.

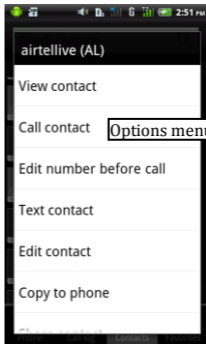
5 Working With Menus

The phone provides you with **Context** menus and **Options** menus for accessing the features in an intuitive way.

5.1 Context Menus

- You can open context menu by touching  on any screen.
- Not all screens have context menus. If you touch  on a screen that has no context menu, nothing happens.

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5.2 Options menus

Options menus contain tools that apply to specific items on the screen. You can open an option by touching and holding an item on the screen. Not all items have options menus.






When you touch and hold some items on a screen, an Options menu opens.

5.3 Menu Icons

You have the following menu icons to easily let you access its

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important features:

	Opens messaging
	Opens the dialer
	Opens the contacts
	Opens the main menu
	Opens Search bar. Needs Internet connectivity for this feature.

6 Connect to the Internet

To configure your Internet:

1. Go to **Settings > Wireless & Networks > Mobile Networks > Tap Data Enabled**
2. **Go to Settings > Wireless & Network > Mobile Network > Dual SIM settings > Access point names (From there you can select the APN)**
2. By default, your network provider sends the access point name settings via SMS, or it comes with your SIM card. You may need to install these settings. After this, you can choose

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from the listed access point names. If the access point names are not listed by default, please contact your network provider for the same.

3. After you have selected or configured the access point name, go to **Settings > SIM Management > Data Connection** and tap the service provider of your SIM to enable Internet connection.

Similarly, you can perform step 3 to enable data connection on your SIM card.

6.1 Access Internet via Wi-Fi

To browse the Internet via Wi-Fi:

1. Go to **Menu > settings > wireless & networks** and then tap **Wi-Fi**.
2. Next, go to **Menu > settings > wireless & networks > Wi-Fi Settings** and then select the WIFI connection listed under Wi-Fi networks.

7 Managing Notifications

Notification icons inform you of new messages and events.

When you receive a notification, its icon appears in the status bar, along with a summary that appears only briefly.

7.1 Open the Notifications Panel

Drag the status bar down from the top of the screen as shown

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below.



The Notifications panel displays your network provider name and a list of your current notifications.

7.2 Respond to Notifications

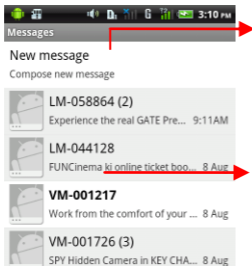
1. Open the notification panel and touch a notification to respond to it.
2. What happens next depends on the notification.

7.3 Close Notifications Panel

1. Drag the tab at the bottom of the Notifications panel to the top of the screen. Or just press the back button. The panel also closes when you touch a notification to respond to it.

8 Messaging

You can use Messaging to exchange text messages and multimedia messages with your friends.



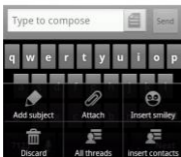
Touch to compose a new text or multimedia message.

Touch to open a messaging conversation

You can also press the  key and open the context



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menu to work on messages and their settings.



A Message becomes an MMS if you send it to an email address, or add multimedia media file(s).

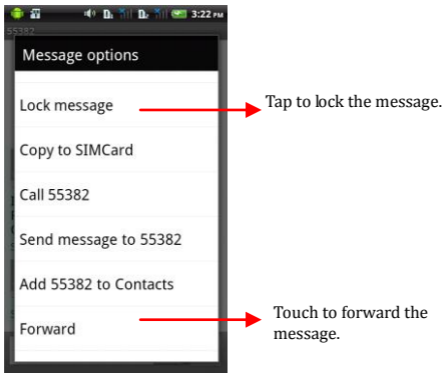
8.1 Create and Send Multimedia Message

1. Touch **compose new message**.
2. Enter or select a mobile phone number.
3. Touch the composition text box and enter your message body.
4. Touch the  key to open the context menu.
5. Touch  icon to attach various types of files.

6. Send the MMS.

8.2 Forward a message

1. Open a message and then touch that message in a message conversation window.



2. Touch **Forward** in the menu that opens.

3. Add a contact.

4. Touch **Send** to send the message.

You can also Copy message text, Save message to SIM card,

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View message details and delete message.

8.3 Lock a Message

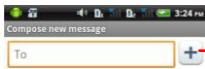
You can lock a message so it won't be deleted if you reach your storage limits.

1. Touch and hold message in a message window.
2. Touch **Lock message** in the menu that opens. Unlock a message by touching and holding it and then touch **Unlock message**.

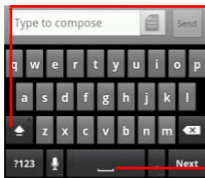
8.4 Using the Onscreen Keyboard

Some applications display the keyboard by default. In others, you touch a text field where you want to enter text, to open the keyboard.

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Tap this icon to select desired contact from phonebook



Touch once to capitalize the next letter you type. Touch and hold for caps.

Press space or a punctuation mark to enter the highlighted suggestion.

- Use the  icon to erase characters.
- After typing, press  icon to close the keyboard.

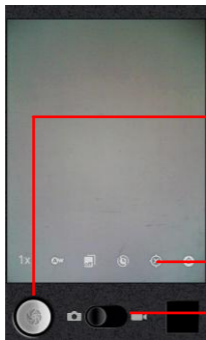
8.5 Enter Various Characters

- Press the symbols key to switch to the numbers and symbols keyboard.
- Touch and hold the text field to open a menu and to copy/cut texts.

9 Multimedia

9.1 Camera

Your camera's pictures and videos are stored in the SD card, so you must insert one to use the Camera. You can copy pictures and videos from the SD card to a PC and vice versa.



Touch to take picture/ video.

Touch to change settings


Touch to toggle between video/camera modes

9.2 Gallery

You can use the Gallery to view pictures and play videos and share files.

1. Touch the Gallery icon in the main menu.
2. Touch an album to open and view its contents.
3. Touch a picture or a video in an album to view it.


9.2.1 Share an Album

1. Open the main Gallery window.
2. Tap the  key and then touch **Share**.
3. Check or uncheck the albums you want to share.
4. Touch **Share** again at the context menu. In the menu that opens, touch the application to use to share the selected albums.

You can share via email, Bluetooth, Gmail messaging and so on.

9.3 Music

You can easily transfer your favorite music from your PC to the SD card and experience a whole world of interesting and melodious music.

- Touch the  key or the intuitive buttons and icons on the phone in music interface to enjoy the features of your


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music player.

- Press the phone's volume up/down keys on the left side of the mobile phone to adjust the volume.

9.4 FM Radio

You can listen to your favorite FM channels using the inbuilt FM receiver of your phone.

- Touch the  key or the intuitive buttons and icons on the phone in Radio interface to enjoy the features of your inbuilt FM radio.
- Press the phone's volume up/down keys on the right side of the mobile phone to adjust the volume.

10 Manage Accounts

You can set up a corporate, Google account etc on your device. You can do this by tapping **Settings> Accounts & sync> Add Account:**

10.1 Why Use a Google Account

Your Google Account lets you take full advantage of Google applications and services that you may want to use, such as Gmail, Maps, Navigation, and various applications.

11 Connect to Networks and Devices

Your phone can connect to a variety of networks and devices, including Wi-Fi, GPRS, Bluetooth, devices, such as headsets. You can also transfer files to/from your PC through the data cable.

11.1 Connect to Internet

Refer to section 6 for details.

11.2 Connect to Wi-Fi Networks

Refer to Section 6.1 for details.

11.3 Pair With Bluetooth Devices

1. Go to **Settings > Wireless & networks> Bluetooth settings**.
2. If Bluetooth is off, check **Bluetooth** to turn it on. Your phone scans and displays the Bluetooth devices in range.
3. If the device you want to pair with is not in the list, make it discoverable.
4. If your phone stops scanning before you make the other device discoverable, touch **Scan for devices**.
5. Touch the ID of the other device in the list in Settings to pair them. If you are prompted to for a password, enter any password on one device and enter the same password you entered in the other device to be paired.), If the pairing is successful, your phone connects to the device.

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11.3.1 Connect to Internet via your Phone

You can browse the Internet on your PC using your mobile phone. To do this:

1. Connect your mobile phone to your PC via the USB adaptor.
2. Go to **Settings> Wireless & Networks> Tethering & Portable Hotspot** and then touch **USB Tethering**.

A prompt for installation will appear on your PC. Proceed as suggested.

In case of Linux, Windows 7 and Vista OS, the drivers get automatically installed.

However, in case of Windows XP, you need to manually install the drivers.

11.4 Install Secure Certificate from SD Card

If your VPN or Wi-Fi Network relies on secure certificates, you must obtain the certificates and store them in your phone's storage, before you can configure access to those VPN or Wi-Fi networks on your phone.

You may need to download the certificates from a website.

1. Copy the certificate from your computer to the root of the SD card.
2. Touch **Settings> Security**.
3. Touch **Install from SD card** under **Security Settings**.

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4. Touch the file name of the certificate to install. Only the names of certificates that you have not already installed on your phone are displayed.
5. If prompted, enter the certificate's password and touch **OK**.
6. Enter a name for the certificate and touch **OK**.

12 Applications

Your phone comes with a host of applications to make your life easier and more convenient. Explore the various applications and the features that comes with your A87 handset and enjoy the advantage.

2 Health and Safety Precautions

Please read these simple guidelines. Not following them may be dangerous or illegal.

SAR Compliance

- Your phone is designed not to exceed the limits of emission of radio waves recommended by international guidelines.
- SAR (specific absorption rate) is the measurement of

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body-absorbed RF quantity when the phone is in use. SAR value is ascertained according to the highest RF level generated during laboratory tests.

- The SAR value of the phone may depend on factors such as proximity to the network tower, use of accessories or other accessories.
- The highest SAR value of the device at the head and body are 0.657 W/kg and 1.24 W/kg respectively averaged over 1 gm of human tissue.

SAR Recommendations

- Use a wireless hands-free system (headphone, headset) with a low power Bluetooth emitter.
- Make sure the cell phone has a low SAR.
- Please keep your calls short and use SMS whenever more convenient. This advice applies especially to children, adolescents and pregnant women
- Prefer to use your cell phone when the signal quality is good.
- People having active medical implants should preferably keep the cell phone at least 15 cm away from the implant.
- Maintain a preferable distance of 15 mm from the device.

Safe Driving

- Do not use the phone while driving. When you have to use the phone, please use the personal hands-free kit.

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- Please do not put the phone onto any passenger seat or any place from which it may fall down in case of vehicular collision or emergency braking.

During Flight

- Flight is influenced by interference caused by the phone. It is illegal to use a phone on the airplane. Please turn off your phone during a flight.

In Hospitals

- Your Phone's radio waves may interfere with the functioning of inadequately shielded medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external Radio Frequency. Switch off your device when regulations posted instruct you to do so.
- To avoid potential interference with implanted medical devices such as a pacemaker or cardioverter defibrillator:
- Always keep your phone at least 15.3 centimeters (6 inches) from the medical device.
- Do not carry the wireless device in a breast pocket.
- Turn off the phone if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.
- If you have any questions about using your wireless device with

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an implanted medical device, consult your health care provider.

Unsafe Areas

- Please turn off your phone when you are close to a gas station or in the vicinity of any place where fuel and chemical preparations, or any other dangerous goods are stored.
-

3 Taking Care of Your Device

Your device is a product of superior design and craftsmanship and should be handled with care: The following suggestions will help you protect your phone:

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will rust electronic circuits. If your device does get wet, remove the battery without turning on the device, wipe it with a dry cloth and take it to the service center.
- Do not store the device in high or cold temperature. High temperatures can shorten the life of electronic devices and damage batteries.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not attempt to open the device other than as instructed in this guide. Repairing this phone by yourself other than our authorized service agents/centers goes against the warranty.

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rules.

- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not store your device near magnetic fields or allow your device to come in contact with magnetic fields for extended period of time.

Battery Recommendations:

- Please put the battery in a cool and well-ventilated place out of direct sunlight. We recommend you to charge the battery at room temperature range.
- Batteries have life cycles. If the time that the battery powers equipment becomes much shorter than usual, the battery life is at an end. Replace the battery with a new battery of the same make and specification.
- Use manufacturer approved batteries, chargers, accessories and supplies. Micromax will not be held responsible for user's safety when using unapproved accessories or supplies.
- Do not discard the battery with household trash. Please dispose of used battery according to your local environmental laws and guidelines.

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Recycle Your Phone



Collection and proper recovery of your electronic waste equipments at the time of disposal will allow us to help preserve the environment. Recycling of the electronic waste equipment will ensure safety of human health and environment. For more information on best practices for disposal of electronic and electrical waste, please refer to our website link: weee.micromaxinfo.com.

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For more information, please visit our website www.micromaxsuperfone.com.