micromax
nothing like anything

X454

User Guide

1 Welcome

1.1 Exciting Features

Thank you for purchasing the Micromax X454 mobile phone. You are now the proud owner of the X454 which offers you these exciting features:

- Dual SIM
- Camera, Camcorder
- Music Player, FM Radio
- Call recording
- Blacklist
- Speaker
- Memory Card support [16 GB]

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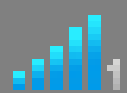
2 Phone Layout

2.1 Keys and Parts

1	USB/Charging Socket	7	Menu Key
2	Headphone socket	8	Back Key
3	Power Key	9	Volume Key
4	Receiver	10	Camera Lens
5	Screen	11	Speaker
6	Home Key		

2.2 Icons and Indicators

Your phone displays the following status indicators on top of the screen.

Icons	Indicators	Icons	Indicators
	Battery capacity		Vibration is on
	Signal strength of SIM1		Silent mode is activated

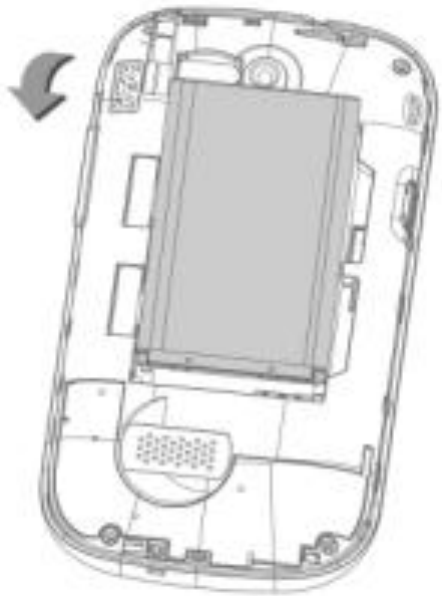
	Signal strength of SIM2		T-Flash card is inserted
	Unread SMS for SIM1		Bluetooth is on
	Unread SMS for SIM2		Alarm has been on
	Missed call for SIM1		Earphone is plugged in
	Missed call for SIM2		USB is connected

3 Getting Started

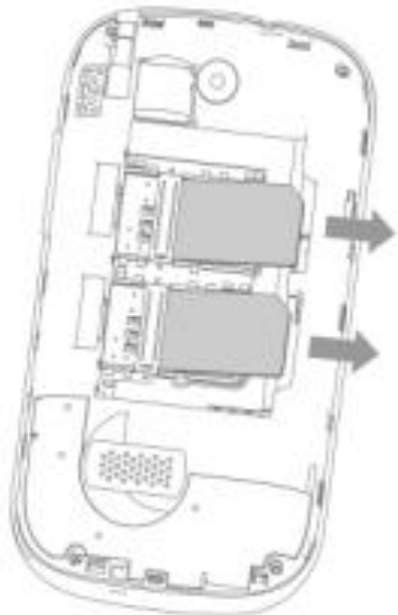
3.1 Insert SIM and Memory Card

You can use your phone with one or two SIM cards inserted.

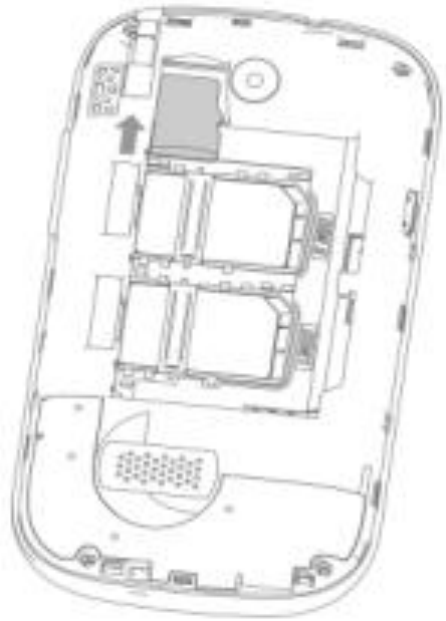
1. Open the cover and remove the battery as shown below.



2. Insert the SIM card correctly in the card slot(s) as shown below.



3. Insert the memory card into the slot with the gold colored contacts facing down.



The Memory Card gives you extra storage capacity for content such as pictures, music and video clips.

Do not remove the memory card while reading or writing to the card. Doing so may cause data corruption on the card or on the phone.

Use only compatible memory cards approved by Micromax. Incompatible cards may damage the slot or corrupt the data stored in the card.

4 Placing and Receiving Calls

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

4.1 Ways to Place a Call

- Tap **Menu > Phonebook** to access the phonebook and to search/select the desired contact make a call.
- Press the dialer icon to dial a new number.
- Select a number from the call logs to dial.
- You can also dial a contact from the messages.

- Press the **Volume Up/ Down** keys to adjust the call volume.

4.2 End a call

During a call, touch the **End Call** to end the call.

4.3 Start a Call Conference

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

1. While on a call, dial a contact. Once the new call gets connected, the first call will be put on hold.
2. After this, press **Options** and then choose **Conference**.

Recommendation: Contact your service provider to know whether they support conference calls and how many participants you can include. You can add as many callers as your carrier supports.

4.4 Record a Call

While on a call, press the **Options** and then select **Record** to record a call.

4.5 Make an International Call

1. Tap the dial icon and then tap the * Key twice till "+" appears on the screen.
2. Enter the country code, area code and phone number, and press the dial key.

For example, to dial a number in France, tap the * key twice (until the "+" sign appears), input 33 (French code) and then enter the complete phone number.

4.6 Disable Phone Calls (Airplane mode)

Some locations may require you to turn off your phone's mobile, and Bluetooth wireless connections. You can turn off all these connections at once by placing your phone in Airplane mode.

1. Go to **Settings > Phone** tab **> Switch mode** > **Airplane mode.**
2. Enable the **Airplane mode.**

4.7 Change your Profile

You can change your profile by tapping **Menu > Settings>**

General> User Profiles and choosing the desired profile.

4.8 Change Phone Language Display

1. Go to **Menu > Settings > General tab > Personalization > Display Language.**
2. Choose the desired language from the list.

4.9 Switch between SIM Cards

Menu > Settings > Phone tab > Switch Mode

You can switch between your SIM cards or make both your SIMs active.

You can also choose your default SIM by tapping the **Default SIM** option under Settings.

5 Phonebook

Your phonebook lets you access your existing contacts as well as organize groups, access SIM related services and blacklist undesired numbers from calling you up.

- The Phonebook is organized into tabs for easy access and use.
- You can access phone book from the main menu or by pressing the icon.
- Your Phonebook also allows you to organize your contacts into groups for customizing call tunes and other preferences specific to those groups.
- You can view the phonebook by Phone, SIM 1/SIM 2 memory and groups.

6 Messaging

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

6.1 Send SMS

1. Tap **Menu > Messages** to start messaging.
2. On the Messaging screen, touch **Create New > SMS.**
3. Use the onscreen keyboard to type your message.

4. Tapping **Options** while composing a message gives you various SMS features.
5. Touch Add recipient to add recipient.

6.2 Send MMS

You will need to insert an SD card to use the MMS function.

1. On the Messaging screen, touch **Create New > MMS.**
2. Tap the **To**, **CC**, **BCC, Subject** fields and as required to enter the details.
3. Use the onscreen keyboard to type your message body.
4. Tapping **Options** while composing a message gives you various MMS features.
5. Touch Send to send the message.

6.3 Read a Message

Menu > Messages > Inbox

Allow you to read your received messages.

In the same way, you can view message in your draft box,

outbox, sent box.

6.4 Use message templates

Menu > Messages > Template

Enter into preset text templates and use them. These preset templates can save you time if the theme of your message is the same as those existing in the template.

6.5 Use Voicemail

Menu > Messages > Voice mail

You can activate voicemail service to redirect your incoming calls (based on your settings) to a voicemail server and retrieve them later via SMS alerts.

- You can also send voicemails to your desired contacts.

To divert incoming calls to a voicemail server, tap **Settings > Phone** tab **> Call Divert > Voice >** (tap the desired call divert condition)**> Activate > Phone Number/Voice mail Number**.

Note: You need to contact your network provider for the voicemail server number.

6.6 Broadcast Messages

Menu > Messages > Cell Broadcast

Broadcast message is an information service provided by the network operator. The service can be almost anything from weather forecast to cricket scores, traffic conditions and so on.

You can choose your broadcast message setting by going to **Menu > Messages > Settings > Cell Broadcast.**

Note: Please contact your service provider for the details of the setting if it is not displayed by default.

6.7 Message Settings

Menu > Messages > Settings

You can choose your preferences for SMS, MMS, cell broadcast, voice mail from here.

6.8 Memory status

Menu > Messages > Memory status

View your message related memory status from here.

7 Working With Call Logs

Menu > Call Logs
It offers a convenient way to redial a number, return a call, or add a number to your Contacts.
Tap the **Call logs** icon in the main menu to access the Call logs. You can press the tabs to view dialed, received, missed or all calls.

Note: You can activate call blocking by going to **Settings > Phone tab > Call Settings > Black list.** You can add desired numbers to the blacklist from Call logs.

Tapping on **Options** on a highlighted number gives you the feature such as viewing call timer for the calls.

7.1 Actions from Call Logs

- Tap an entry and then **Options** for working with that contact.

- pen a Call log entry to call the contact, send a message, save the number, or delete that contact and so on.
- Touch an entry in the log and then, touch **Options**, touch **Delete** to remove the entry from the log.
- View Missed, received, dialed and all calls by touching the tabs in call logs.

8 Camera

The X454 has a camera feature to take photos.

- On touching the camera settings icon, you can choose various preferences for your photos.
- Adjust the night mode, and other settings if you wish.
- Frame your subject on screen. You can zoom in or out by touching the Zoom icon.
- Touch the camera icon on the screen to take photos.

You can choose to delete the image displayed on the screen.

8.1 Shoot Videos

- Touch the Camcorder icon on the menu or the video icon

in camera mode.

- Adjust the quality, and other settings if you wish.
- Point the lens to the scene you want to capture
- Touch the start video icon.
- Touch the stop video icon to stop shooting.

Note: Your camcorder records videos in 3GP format.

For viewing, your phone supports 3GP, MP4 and MKV video formats.

9 Music

Menu > Music

The phone comes with an inbuilt music player that plays all your favorite songs stored in the phone memory or T-Flash memory card. It gives you a host of settings to make your listening experience interesting.

Select Music to enter Music interface and you can find playlist. And also you can touch **options**, and then select **New playlist** to create a new playlist and add audio files to the playlist.

Enter the playlist, select an audio file and touch **Options.** You can operate the following options: Play, Add music, Delete, Repeat, Shuffle, Equalizer, Background play, Lyric, Change order, and View details.

9.1 Control Playback Volume

Press the phone's volume up/down keys to control the volume.

10 FM Radio

You can listen as well as record your favorite FM channels using the inbuilt FM receiver of your phone.

You can record your channels in AMR format. You can set various radio preferences from **Options > Settings.**

Options > Channel List	List all the current saved channels. Just perform an auto

	search to fill up this list.
Options > Add to channel list	Save the channel to channel list.
Options > Search channels	Automatically search FM channels and fill up your channel list. /Input the desired channel frequencies manually
Options > Record	Record your desired ongoing channel
Options >Append Record	Append your recording to an existing recording.
Options > View recorded files	View the existing list of recordings
Options > Settings	Select the FM Radio preferences such as background play, Loudspeaker, storage.

11 Some Useful Features

Some of the other features that appear on the phone's main menu are:

- **Calendar:** You can use the calendar to keep track of important appointment. After entering the calendar function menu you can select year, month and date.
- **Calculator:** Use onscreen keys to make the calculator available.
- **Converter:** Use this feature for the converted units of currency, length and so on.
- **Timer:** For setting a countdown time. And then start countdown. When the time is up, the phone will alert you.
- **Stopwatch:** For counting time.
- **World Clock:** View the current date and time all over the world.
- **Image Viewer:** Let you to view your saved images. You can also send the image via MMS or Bluetooth or use it as contact icon or wallpaper, etc.

- **Video Player:** Let you play videos stored in your phone or memory card.
- **Text Reader**: Read text files located in your memory card
- **Sound Recorder:** For recording surrounding sound.
- **Shortcuts:** Add functions to the shortcut list.
- **Alarm:** For alerts at scheduled times. There are alarm clocks set in the system. You can set one or all according to your needs; you can set on or off, alarm time and different ringtone for different alarm clocks.
- **Tasks:** To add tasks.

12 File Manager

The file manager allows you to view and manage your files stored in the Phone or memory card.

12.1 Share Files

You can highlight the file and tap **Options** to send the file via MMS or Bluetooth.

In addition, you can move, copy, delete, or sort your files as required.

13 WAP explorer

Menu > Connectivity

WAP explorer provides all the basic services of a computer based web browser but is simplified to operate within the restrictions of a mobile phone. The WAP explorer has the following options:

- **Guidance:** It allows you to enter homepage on the phone. This will enable you to go to the same page every time you access the homepage. You can also input the desired address (URL) of the website or webpage to goto.
- **Manage bookmark:** It enables you to manage bookmark in WAP explorer.
- **Folder:** Create a new folder.
- **Mark:** To mark bookmarks.
- **Clean:** Clean all buffer data.

- **Settings:** You can operate such settings as download image and storage.
- **Download dir:** You can view the files you downloaded.
- **Exit:** Exit the WAP explorer.

14 Browse the Internet

You can browse the Internet from the comfort of your X454 Mobile phone while on the go. The X454 phone features a WAP browser to let you access the Internet.

14.1 Set up GPRS Connection

Choose your data accounts for connection on the Internet via GPRS connection. For this you need to set up a data account.

1. Tap **Menu > Settings** and touch the **connection** tab.
2. Touch **Data Accounts** and select from the list of default data accounts listed by your network provider's SIM.

By default, your SIM card comes with data accounts to choose from. If the Data accounts are not listed by default, please contact your network provider for the same.

14.2 Perform WAP Setting

You can do WAP profile setting for displaying web pages. For this you need to set up a data account. Please refer to the previous section, setting up GPRS connection for setting up a data account.

1. Tap **Menu > Settings** and touch the **connection** tab.
2. Touch **WAP Settings** and tap on **WAP profiles**
3. Select from the list of default WAP profiles listed by your network operator's SIM.
4. Enter or select the details of the profile.

   Note: You may need to contact the network operator for the details of the WAP settings.

15 Connect to Networks and Devices

You can configure your phone to connect to a variety of

networks via GPRS and WAP and Bluetooth. Also, you can configure connection of your MMS.

15.1 MMS Setting

From here, you can choose the profile for sending/receiving MMS on your phone.

15.2 Bluetooth

Your phone enables you to connect the phone wirelessly to other Bluetooth devices and exchange data with them, or talk hands-free.

1. Tap **Menu > Bluetooth**.
2. You can search and pair with other Bluetooth devices and perform Bluetooth settings.

*Important: Go to **Bluetooth > Settings** and enable the visibility option so that your phone can be detected by other Bluetooth devices for exchanging data.*

16 Phone Settings

You can go to Settings to set various preferences for your phone.

16.1 Restore Factory Settings

Menu > Settings > Restore Settings

The phone will prompt you to input password (default is 0000). You can carry on corresponding operation after entering the correct password.

After running Restore settings, your phone will be restored to the setting when you purchased the phone.

General	
Personalization	Set preferences such as wallpaper, backlight, language etc.
Date/Time	Set your phone's date and time as well as associated preferences.

User Profiles	Choose your profiles based on your situation.
Power On/Off	Set your auto-power on/off preferences.
Information	You can view your IMEI or memory status.
Security	Let you set various security features of the phone.
Restore Settings	Restore your phone to factory settings. The default password is 0000
Phone tab	
Call Settings	You can set your call settings such as call waiting, set caller identity (network dependent), and auto redial and much more.
Call Divert	Choose conditions for your call divert and re-route them to voice call, data or Fax.

Call Barring	Bar different types of calls based on your requirements.
Network Settings	Choose your network selection mode as automatic or manual mode.
Switch mode	You can activate Dual mode, enable SIM1/2 only, disable SIM, or activate airplane mode.
Default SIM	Allow you to select SIM1/2.
Speed dial	Let you assign speed dial number to keys 2-9 on the phone's onscreen keypad. Touching and holding the assigned key once on the onscreen keypad dials the number.
Connection tab	
Data accounts	Choose your data accounts for connection on the Internet. By default, your SIM card comes with data accounts to choose from.

	If the Data accounts are not listed by default, please contact your network provider for the same
WAP settings	Choose your WAP (wireless access protocol) for browsing the web
MMS Settings	Choose the network provider of your desired SIM for delivering and receiving your MMS.

17 Health and Safety Information

Please read the following guidelines regarding the use of your phone. Not following them may be dangerous or illegal.

Certification Information (SAR)

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

of 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 true SAR level during phone usage will be far lower than this level.
- The SAR value of the phone may change depending on factors such as how close you are to a network base station, or use of accessories.
- The highest SAR value of the device at the head and body are 0.495 W/kg and 0.537 W/kg respectively averaged over 1 gm of human tissue.
- The SAR value may differ depending on national reporting, testing requirements and the network band.

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.

Safe Driving

- Maintain a preferable distance of 15 mm from the device.
- Do not use the phone while driving. When you have to use the phone, please use the personal hands-free kit.
- 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 or switch to flight mode during a flight.

In Hospitals

- Your Phone's radio waves may interfere with the functioning 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.
- 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.

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.

18 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. If your device gets wet, remove the battery without turning on the device, wipe it with a dry cloth and take it 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 the phone by yourself other than our authorized service agents/centers goes against the warranty 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

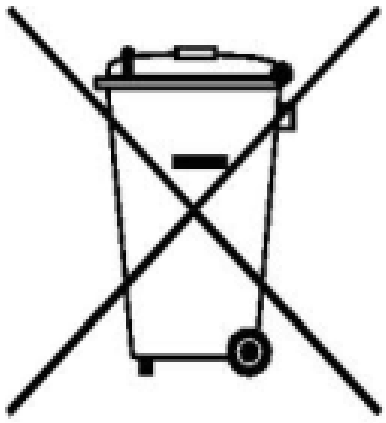
detergents to clean the device. Only use a soft, clean, dry cloth to clean the surface of the device.

- 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 well-ventilated place out of direct sunlight. Charge the battery at room temperature range.
- If the time span of the battery after charging 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.
- Do not discard the battery with household trash. Please dispose of used battery according to your local environmental laws and guidelines.
- Use manufacturer approved batteries, chargers, accessories and supplies. Micromax will not be responsible for user's safety when using unapproved batteries or accessories.

Recycle Your Phone



The WEEE logo (shown at the left) appears on the product (battery, handset, and charger) to indicate that this product must not be disposed off or dumped with your other household wastes. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the Specified collection points for recycling of such hazardous waste. 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: www.micromaxinfo.com/WEEE.php.

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