

M-tech BETA

User Manual

Welcome!

Please read this manual carefully before using the phone. Please take your phone as the criterion when there are some differences with your phone.

Table of contents

1 Safety and general information	3
1.1 Safety	3
1.2 General Precautions	4
2 Getting started	6
2.1 Appearance	6
2.2 Installing/Removing the battery	7
2.3 Inserting/Removing the SIM card.....	7
2.4 Installing/Removing T-Flash card.....	7
2.5 Charging	8
2.6 Power on/off.....	8
3 Guide of main menu operations.....	9
3.1 Phonebook	9
3.2 Multimedia	10
3.3 Call history	11
3.4 Settings	12
3.5 Messages	14
3.6 File manager.....	15
3.7 Fun & Games	15
3.8 Profiles	15
3.9 Organizer.....	15
3.10 World clock.....	16
3.11 Bluetooth.....	16
3.12 Shortcuts	16
4 Guideline for safe and efficient use	17
4.1 Troubleshooting.....	17
4.2 Battery maintenance	18
4.3 Care and maintenance.....	19

1 Safety and general information

1.1 Safety

Read these concise guidelines. Not following them may be dangerous or illegal.

ROAD SAFETY

Always keep your hands free to operate the vehicle while driving. Park your vehicle safely before using your device.

SWITCH OFF OR USE FLIGHT MODE IN AIRCRAFT

Wireless devices can cause interference in aircraft. Using them in aircraft is both dangerous and illegal. Switch off your device or switch to flight mode before on board.

SWITCH OFF IN HOSPITALS

Follow relevant regulations or rules. Switch your device off near medical equipment.

SWITCH OFF WHEN REFUELING

Switch off your device at a refueling point or near fuels or chemicals.

SWITCH OFF NEAR BLASTING

Don't use your device where blasting is in progress. Observe restrictions, and follow any regulations or rules.

INTERFERENCE

All wireless phones may be susceptible to interference, which could affect the

performance.

USE PROPERLY

Use in the normal position explained in the product documentation. Don't touch the antenna unnecessarily.

ACCESSORIES AND BATTERIES

Use only the approved accessories and batteries. Do not connect to incompatible products.

EMERGENCY CALLS

Ensure the phone is switched on and in service. Enter the emergency number, and then press the talk key. Give your location. Do not end the call without permission.

1.2 General Precautions

1) Mobile Phone

- ✧ Please use the phone at a temperature of -10°C~55°C and a relative humidity of 35%~85%.
- ✧ Avoid using the phone near regular telephone, television, radio and automatic office equipment, as they may interfere with one another.
- ✧ Please keep the removable SIM card out of the reach of children as there is a risk they could swallow it.

2) Battery

- ✧ Please put the battery in a cool and well-ventilated place out of direct sunlight.

- ◇ 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.
- ◇ Do not discard battery with household trash. Please dispose of used battery according to your local environmental laws and guidelines.

3) Charger

Do not charge the phone in the below environment:

- ◇ Under direct sunlight;
- ◇ Temperature out of range: -10°C to 45°C ;
- ◇ Humid, dusty or severely shaking environment (could cause a malfunction);
- ◇ Near appliances such as television, radio (could affect the image, audio effect).

2 Getting started

2.1 Appearance



1 Receiver

2 Left soft key

3 Dial key

4 Navigation keys

5 Right soft key

6 Center key

7 End key

8 Keypad

9 Nokia charger jack

10 USB port

11 Torch

12 Speaker

13 Camera

2.2 Installing/Removing the battery

1) Installing the battery

With the top of battery (the terminal with pole) facing right toward the contacting points in the battery compartment, press the bottom of battery slightly until it enters into place;

Slide battery cover forward along the side slot until it clicks into place.

2) Removing the battery

Slide downward the battery cover;

Use your nail to lightly lift the battery away.

2.3 Inserting/Removing the SIM card

The mobile support two SIM cards on-line at one time. The method of the two SIM cards of inserting or removing is same.

Inserting: make sure that the phone is already switched off and is not charging;

Remove the battery; Contacting points of SIM card 1 downwards and contacting points of SIM card 2 downwards. slide the card into the carrier;

Remove the battery; Slide the card out of the carrier; Insert battery.

2.4 Installing/Removing T-Flash card

This mobile supports the T-Flash card hot swap feature. User can insert or remove this card at any time regardless of whether the phone is power on. T-Flash card slot locate on the left of the phone.

a) Inserting: open the soft leather cover, the gold contacting points of card downwards, the angled corner towards the outside.

b) Removing: open the soft leather cover, press the edge of the card.

2.5 Charging

Your phone is powered by a rechargeable Li-ion battery. When the battery is weak, the battery sensor informs you. At this time, you need charge the battery. When the battery becomes too weak for the phone to operate, it switches off automatically.

- 1) Plug the charger into the charger port at the left side of the phone, and then plug the other end of the charger into the appropriate electrical outlet.
- 2) The charging indicator icon starts to flash until charging is finished.
- 3) When charging is complete, disconnect the connector from the phone and unplug the charger from electrical outlet.

※ Note:

- (a) During charging, the phone can operate as usual. But the charging time increases
- (b) Charging with phone off, a charging indicator icon flash

2.6 Power on/off

Make sure the battery is already inserted:

- 1) Power On: Hold down end key until the phone-on image display. After power on, the phone searches for your network automatically. Some SIM card is protected by the PIN number, if you are asked for inputting the PIN number, please enter it, then press middle key.
- 2) Power Off: Hold down end key until the power-off image display.

※ Note:

- (a) PIN is provided by your service provider. If the PIN is entered incorrectly three times, the SIM card is barred.
- (b) If the phone asks for an unlock code when switched on, enter the unlock code and press middle key.

3 Guide of main menu operations

3.1 Phonebook

This feature allows you to store phone numbers and their corresponding names in the memory of your SIM card and phone's memories, at the same time, provides browsing, adding, managing functions.

3.1.1 Contacts

User can enter this menu and do further operations as follow: view, call, add new contact, send message, edit, delete, copy, move, add to speed dial, mark several.

3.1.2 Add new contact

Add new entry and related information to phonebook.

Slide navigation key to move the cursor to "Add new contact". The preferred storage is phone/SIM card, there only need to input name and number.

3.1.3 Delete all

Delete all contacts from phone or SIM card.

3.1.4 Copy all

Copy all contacts from the SIM card to phone, or copy from SIM card to the other SIM card.

3.1.5 Owner number

Edit phone number of your own.

3.1.6 Preferred storage

Select preferred storage in phone/SIM card.

3.1.7 Memory status

View the memory status in phone/SIM card.

3.1.8 Speed dial

Set on/off status and save contact to speed dial list.

3.2 Multimedia

3.2.1 FM radio

User can start FM radio with earphone. Press right soft key to exit, and press left soft key to operate:

Channel List: show all radio channels. Press OK key to edit the frequency, the value is among 87.5MHZ and 108.0MHZ.

Manual Input: input channel manually.

Auto Search: search channel automatically.

Settings: set the radio player parameter

3.2.2 Audio player

The menu supports play my music file. There will update the audio file list, select one file from the list. Press end key to exit and return list.

3.2.3 Sound recorder

You can record sound through the menu. Please make sure that you have inserted T-flash card.

3.2.4 Camera

With the phone camera feature, you can take picture at any time without carrying digital camera. After setting the parameter, the preview interface will show the effect. Press middle key to take photograph. When you finish photographing, the image will be saved as .JPG file.

3.2.5 Video recorder

Through the menu, you can record video by yourself. Press middle key to start recording. During scanning, press Option to access:

- ✧ settings: set the record parameter
- ✧ Restore Default: restore default value.

Press middle key to start recording. During recording, press right soft key to end, start next recording.

3.2.6 Video player

The menu supports to play video file. When the file list is null, select the storage path first, and then select the video folder. There will update the video file list, select one file from the list. Press end key to exit and return list. The phone supports the 3GP and MP4 video files. Press the * key start full screen play.

3.3 Call history

Missed calls: This menu lets you view the SIM1/2 card recent numbers you missed

Dialled calls: This menu lets you view the SIM1/2 card recent numbers you dialed.

Received calls: This menu lets you view the SIM1/2 card recent numbers you received.

All calls: This menu lets you view the SIM1/2 card recent numbers you dial, receive

and miss.

Clear logs: You can clear call history includes: dialed call, received call, missed call.

3.4 Settings

Many different features of your phone can be customized to suit your preferences.

3.4.1 Date and time

Set the time and date of the phone.

3.4.2 Display

Set the display parameter in idle mode.

Wallpaper: Set the wallpaper in idle mode. The image can be selected from system, or from the file manager menu.

LCD backlight: Set LCD backlight.

Brightness: Set brightness.

3.4.3 Phone settings

Set the phone parameter.

Language: It allows you to select language for the display text.

Shortcuts: Set quick operations.

Home city: select home city.

Auto keypad lock: Set the keypad lock mode. You can activate or disable the function.

Press right-soft key and # to unlock screen.

Input method settings: It allows you to set the default input mode. Use navigation keys to select input mode and press middle key to confirm.

3.4.4 Call settings

SIM1/2 call setting: User can set Caller ID, Call waiting, Call divert, Call barring, Line switching.

Common call setting: User can set Call time reminder, Auto redial, Answer mode.

Auto call record: Set on and will record voice during call and save file automatically.

3.4.5 Network settings

Set the network selection mode. Select “SIM1 network” or “SIM2 network”.

3.4.6 Network status

Can view the network you are using.

3.4.7 Security settings

SIM1/2 security: If activate SIM lock, before you use SIM card, you need input correct PIN.

Phone security: If activate Phone lock, before you use phone, you need input correct phone password. User can change password.

Mobile tracker: User will receive a warning message if your phone is stole once you turn on this function.

Privacy setting: You can set data security for message, phonebook, call log, setting and file manager.

3.4.8 Set UART

Select SIM card 1 or SIM card 2, the settings used to determine the current UART port which accepts AT is used by SIM 1 or SIM 2.

3.4.9 Restore factory setting

In this menu enter your phone code (the initial value is 1122) and press <Accept> to reset your phone to its default settings.

3.5 Messages

3.5.1 Write message

Write new text message for sending.

3.5.2 Inbox

Through the menu you can read received message. In the message list, select one and open it, press middle key:

Reply: replay the message.

Forward: send the message to others.

Delete: delete the selected message.

Copy to phone/SIM: copy message to phone/SIM.

Move to phone/SIM: move message to phone/SIM.

Use number: Use the phone number to dial or save to phonebook.

3.5.3 Outbox

All the messages which have been sent will be saved in it.

3.5.4 Settings

Set the SMS parameter and message sending parameter.

3.5.5 Memory status

Look for the memory status of phone and SIM card.

3.5.6 Broadcast messages

You can see broadcast message here.

3.6 File manager

For saving more information, the phone support memory card. The card can be installed at any time. The menu can manage the files on the phone.

Enter File Manager menu, show storage media list. Select one, the total storage and used storage will be shown on the up display.

3.7 Fun & Games

For making some funny, the phone designs F1 Race. The details of operation please refer to game help file.

3.8 Profiles

Set the phone ring tone and other prompt mode as your prefer. There are the following menus: General, Meeting, Outdoor, Indoor, Headset.

3.9 Organizer

3.9.1 Calendar

Through the calendar, you can view the date and task list at specific day. Press left soft key to access the following options: View tasks, Jump to date, Go to today, Week starts on, Panchangam, Festival list, On screen display.

3.9.2 Alarm

Through the menu, the phone sends out the noisy bell sound at specific time. If the

specific time arrives, the phone will ring even if the phone is powered off.

3.9.3 Calculator

Through the calculator, you can operate: Addition, Subtraction, Multiplication and Division.

Enter the menu, and press numerical key and navigation key to input number and operative symbol “+、-、×、÷”.

Press middle key to get the result.

3.9.4 Torch

Select torch on/off.

3.10 World clock

World clock is provided with a world map. You can press Left and Right to switch to the next time zone. The local time of the city on the map is displayed.

3.11 Bluetooth

The phone is equipped with Bluetooth technology, text transferring mode and other modes. Activate the Bluetooth ,select “ search audio device” to search for the Bluetooth device within the effective range. Enter the agreed password to establish a match between devices before data transfer.

3.12 Shortcuts

You can set shortcuts for quick operation like Alarm, Audio player, Camera, FM radio, Inbox, Missed calls, Profiles, Set date and time, Video recorder, Write message.

4 Guideline for safe and efficient use

4.1 Troubleshooting

Problems	Reasons and Solutions
Can't switch on	<ul style="list-style-type: none">■ Press and hold end key until image appears on the display.■ Check the battery contacts. Remove and insert battery and switch your phone on again.■ Check the battery charge level.
Can't connect to network	<ul style="list-style-type: none">■ Move into an area of better coverage.■ Beyond the network cover area.■ Contact your service provider if your SIM card is invalid.
The audio quality of the call is poor	<ul style="list-style-type: none">■ Press navigator key to increase the volume when you are in a call.■ Check the signal strength indicator on the display.■ The line is busy and can not be connected to network; you can not make a call.
Standby time too short	<ul style="list-style-type: none">■ When failing to connect to network, the phone will keep searching base station that consumes much battery and reduces standby time. Move to an area with stronger signal strength or switch your phone off temporarily.■ Replace the battery.
SIM card error	<ul style="list-style-type: none">■ Make sure that the chips in SIM card are not damaged; use the clean cloth to scratch it.■ Make sure that SIM card is inserted correctly.■ SIM card invalid. Contact your service provider.

Can not dial calls	<ul style="list-style-type: none"> ■ Make sure that the number you dialed is available and the dial key has been pressed. ■ Make sure that there is enough money to make a call. ■ Make sure that SIM card is valid. ■ Fixed Dial is set or has call barring feature turned on. Deactivate fixed dial function or call barring.
Can not receive calls	<ul style="list-style-type: none"> ■ Make sure that your phone has connected to network (Check if the network is too busy or invalid). ■ Make sure that there is enough money to receive the call. ■ Make sure that SIM card is valid. ■ Check call divert settings and incoming call barring settings.
The battery won't charge	<ul style="list-style-type: none"> ■ Make sure that the battery is inserted correctly. Securely connect the charger to the phone. ■ Only charge the battery in an environment where the temperature does not go below -10°C or above 55°C. ■ The battery or charge need to be changed.
Can not set some functions	<ul style="list-style-type: none"> ■ The operation is wrong. ■ The network providers do not support the function, or you don't apply the function.

4.2 Battery maintenance

- 1) A new battery will require two or three times full charge/discharge cycles in order to achieve its optimum performance.
- 2) Batteries typically have several hundreds charge cycles in their life span. When

the talk time and standby time decrease obviously, replace a new battery.

- 3) If left unused, a fully charged battery will discharge itself in approximately 24 hours.
- 4) To extend the life of the battery, you can get the battery fully discharge until the phone turns itself off. Do not attempt any other unapproved discharge ways.
- 5) When the battery level is low and only a few minutes talk time remain, a warning signal will sound. When the battery is completely discharged, your phone will turn off.

4.3 Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. By following the warranty obligations and by caring for your mobile, you can enjoy it for many years:

- 1) Keep the phone dry. Precipitation, humidity and liquids containing minerals will corrode the electronic circuits;
- 2) Do not use or store the phone in dusty areas as the dust could obstruct or damage the moveable parts;
- 3) Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics;
- 4) Do not store the phone in cold areas, because moisture can form inside the phone when temperature rises, which may damage the electronic circuits;
- 5) Do not drop, knock, bump or shake the phone. Rough handling may damage the internal circuits. Put the phone in a safe place when you do not use it;
- 6) Use a slightly cloth damping with clean water or neutral soap to clean your phone housing. Never use any chemical or abrasive cleaners, as they could damage the phone;

- 7) Do not paint your phone as the paint could obstruct any moving parts and prevent normal use;
- 8) Use only approved batteries and accessories. Use of any unauthenticated batteries and accessories could damage your phone and may be dangerous;
- 9) If there's something wrong with your phone or its accessories, do not attempt to dismantle the phone. Contact qualified service personnel to repair your phone.