

maxcom MM134L / MM135L

If there are any problems with the phone, contact the Maxcom technical assistance or claim it to the point of sale.

For direct assistance, please call:
+48 32 325 07 00

User Manual GSM Mobile Telephone

Important! The telephone works in the GSM 900/1800MHz network. Prior to switching on the phone, at least a single SIM Card should be properly inserted.

1 INTRODUCTION

This Manual has been published by the Manufacturer. The Manufacturer reserves the right to make any updates and modifications arising from errors and inaccuracies in current information or from any upgrades in the telephone and software without prior notification; such updates, however, will be reflected in the updated versions of the Manual. For more information or for any assistance, go to the website at www.maxcom.pl. The entire content of this Manual is copyright by the Manufacturer.

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2 TECHNICAL SPECS

- Colored Display Screen: 1,77" 128 x 160 pix
- Dual SIM Card
- Phonebook: up to 500 entries
- SMS Memory: up to 200 messages
- Loud Ringtone
- Torch
- Radio FM
- Audio & Video File Player
- Works with MicroSD Cards up to 32 GB
- Battery: 600 mAh
- Idle Time: up to 250 hrs.*
- Conversation Time: up to 5 hrs.*
- Weight: 68 g
- Dimensions: 117 × 49 × 13 mm

*depending on conditions and GSM network signal

3 THE SET INCLUDES

- GSM Telephone
- USB-C cable
- Battery
- User Manual

Important: *Keeping the package is highly recommended as it might be used for transport. Keep the receipt as it is necessary for warranty.*

4 ACCESSORIES

Use only batteries, chargers, and accessories recommended by the Manufacturer of this phone. Check with your point of sale what accessories are available in your area.

5 IMPORTANT SAFETY PRECAUTIONS

Note: Reading these guidelines presented below will minimize the risk of misusing the phone.

- USING: The telephone emits electromagnetic field that might negatively interfere with other electronic devices including medical equipment.
- Never use the phone in any area where the use of mobile phones is prohibited such as hospitals, airplanes, refueling points or in proximity to flammable materials. Using mobile phones in such places might expose others to danger.
- Never use the phone without hands-free accessories while driving.
- The device and its accessories might contain small parts. Keep the phone and all parts out of reach of children.
- SERVICING - Never repair or modify the phone on your own. Only qualified service is authorized to repair the phone.
- CLEANING – Never use any chemicals or corrosives to clean the phone.
- TORCH – Never look directly into the stream of light.
- HEARING DEVICE – If the User has a hearing device, phone volume and hearing aid sensitivity should be carefully adjusted.
- ELECTRONIC MEDICAL DEVICES – The phone is a radio transmitter that might interfere with electronic medical devices or implants, such as hearing aids, heart pacemakers, or insulin pumps, and such. A minimum distance of 15 cm is

- recommended to be kept between a telephone and an implanted medical device. For more information, consult your physician or manufacturers of such medical devices.
- ELECTRONIC EQUIPMENT – To minimize the risk of degaussing, never let electrical devices stay close to the phone for longer time.
- WATERPROOF – The phone is not waterproof. Keep it dry at all times.
- DUSTPROOF – The phone is not dustproof, never use the phone in areas with high concentration of dust.
- DISPLAY SCREEN: Never press the display screen too hard and do not use sharp tools as it might damage the phone.
- Never press battery contacts with metal objects as it may explode.
- Never expose the phone to low or high temperatures, direct sunlight or high humidity. Never place the phone next to heating devices such as radiators, heaters, ovens, furnaces, camp fires, barbecue, etc.
- Protect your hearing!

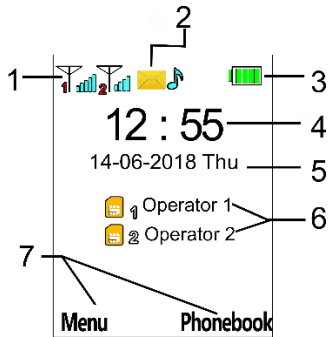


Prolonged exposure to loud sounds might damage your hearing. Listen to music at a moderate level, and do not hold the phone too close to an ear while using the speaker. Set the volume to a safe level prior to connecting a headset.

6 WARRANTY CONDITIONS

A Warranty is provided for the phone, with the proof of purchase only. Damage resulting from misuse, electrostatic discharge or lightning will not be repaired free of charge under the Warranty. If the user has attempted to do the self-repair or modification, this will void the warranty. The above information is provided for informational purposes.

7 DISPLAY SCREEN DESCRIPTION



1. Signal strength.
2. Icons showing functions (please see the chart below)
3. Battery Level.
4. Time.
5. Date.
6. Service Provider's Name.
7. Description of Function Keys.

Symbol	Function
	Signal Strength for SIM1 & SIM2
	SMS/MMS Unread Message
	Alarm Clock On
	Battery Level
	Headphones On
	Profile Currently in Use
	Missed Phone Calls
Icons might vary depending on software	* The icon also appears in domestic roaming if the user uses the other service provider's network

8 TELEPHONE DESCRIPTION



1	Torch	9	Headset slot
2	Loud Speaker	10	USB slot, allows you to charge the phone and connect it to a computer to transfer data.
3	Display Screen	11	Right Function Key (RFK) lets you use functions as displayed at the bottom right corner.
4	OK Key (middle function key): in Idle mode, press this key to directly enter the main Menu. Functions of this key and of the Left Function Key are usually identical.	12	End Call Key. It serves to switch on/off the phone, End/Ignore, it lets you end a phone call or reject an incoming phone call. While pressed and held, it switches the phone ON or OFF the phone. The key restores the Idle mode when the phone is in other options.
5	Left Function Key (LFK) – lets you use the function as displayed at the bottom left corner of the screen.	13	An opening to help you to remove the back cover.
6	Make Call/Answer Call key	14	Ringer speaker
7	Navigation key lets you move the cursor left, right, up and down or navigate in menu. In Idle mode, press Up/Down, Left/Right to directly display a certain menu (depending on how it had been defined [Settings >Phone Settings >Shortcut Settings]).	15	Back cover
8	Microphone		

Note: In order to save energy, after certain time, the display screen automatically goes to Sleep mode. Press any key to enable the display screen backlight. If the screen backlight turns off while the keypad is locked, press the Left Function Key, and then „*” to unlock.

9 GETTING STARTED

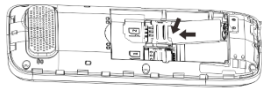
9.1 SIM CARD INSTALLATION

The telephone can hold two SIM cards. Insert at least one SIM Card into the phone prior to using it. You will receive the SIM Card from your service provider. Keep the SIM Card away from children.

Any scratching or bending might easily damage the SIM Card. Therefore, pay close attention not to damage the SIM Card while inserting, removing, and storing it.

Note: Never insert or remove SIM Cards while the phone is connected to the charger. Prior to removing the battery from the phone, make sure the phone is switched off.

Insert the SIM Card into the SIM card slot so that its gold contacts will face down into the phone as shown in the illustration below.



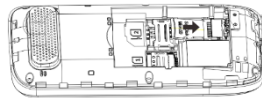
9.2 MEMORY CARD INSTALLATION

A Micro SD Memory Card with 32GB might be installed in the phone.

Never bend or scratch the memory card, do not expose the card to static electricity, or dust; do not immerse the card into water.

1. First, switch off the phone and remove the battery.
2. Insert the memory card so that gold contacts will face down, see the illustration below.

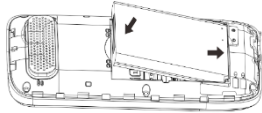
While using the memory card, be very careful specially while inserting and removing the card. Some memory cards require to be formatted on the computer prior to the initial use.



Note: If you use SD cards, regularly keep making backup copies of any data stored on cards in other devices. Misuse of the card or other factors might cause damage or loss of entire data stored on the card.

9.3 BATTERY INSTALLATION

1. Place your fingernail in the little opening on the side of the phone, and lift the back cover.
2. Insert the battery so that its metal contacts will face down into the phone, see the illustration below.
3. Place the battery cover on the back of the phone.



9.4 REMOVING THE BATTERY

Switch off the phone, open the back cover from the lower end of the phone, lift the back cover and remove the battery.

After having the battery removed, all settings or data saved on the card and in the phone might be lost. Remove the battery only when the phone is switched off. Otherwise, some problems might occur.

9.5 CHARGING THE BATTERY

The set includes a USB-C cable that allows charging the phone using a USB port on your computer or to connect a Maxcom charger (sold separately), which meets the following parameters:

- Input voltage AC 100-240V 50/60Hz
- Output voltage DC 5.0V
- Output current: 0.5A, (max. 2A)
- Output power: 2.5W (max. 10W)1. Plug the charger into a power outlet.

1. Plug the small USB-C plug to a slot at the bottom of the phone.
2. Connect the other end of the USB cable to the charger socket or to the USB socket of the computer. When using the charger, plug it to the power socket to start charging the battery. When connected to the computer, make sure it supplies power to the USB port

After charging is completed, and the battery icon stops blinking, unplug the charger.

When the battery is almost discharged, there will be a notification about low battery displayed on the screen, and the phone will emit a warning beep (if the feature is enabled: Menu ->Settings ->Profiles ->Options ->Settings ->Other Notification Alerts ->Low Battery); as soon as the battery is fully discharged, the phone will automatically switch off. Do not leave the battery discharged for a long time, otherwise it might negatively impact the battery quality and the battery life. To ensure the phone works properly, use only the charger recommended by the Manufacturer. While charging, keep the back cover in place. While charging, the phone should be placed in a well ventilated place with air temperature between 0°C ~ 45°C. If the battery is totally discharged, it might take several minutes for the battery icon to appear on the screen and the phone to be ready to work again.

If the phone has not been used for a long time, the battery might be “deeply-discharged”; to recover a deeply-discharged battery, leave the charger plugged in, although there will be no image on the screen. It might take up to an hour.

9.6 SECURITY CODES

9.6.1 PIN CODE

PIN Code is the SIM Card Personal Identification Number and it is provided by the service provider.

PIN2 Code is provided by the service provider along with SIM cards.

Some SIM Cards do not have such a code.

If you enter incorrect PIN three times in a row, the SIM Card will be blocked. The card might be unblocked by using Personal Unblocking Key [PUK]. Entering incorrect PUK ten times in a row will permanently block the SIM Card.

To learn more, contact your service provider.

9.6.2 PHONE SECURITY CODE

Phone Security Code does not allow other people to use your phone without authorization (default code is 1234).

To protect your personal data, the default phone security code should be changed.

9.6.3 PROTECTING YOUR PRIVACY

Using the phone security code, you might block selected settings in your phone so that other people will not use these settings.

10 USING THE PHONE

10.1 SWITCHING ON/OFF THE PHONE

Press and hold the End Call key to switch on & off the phone.

1. If there is a single SIM Card in the phone, an input text box will be displayed on the screen for you to enter the phone security code and PIN (if security features are enabled). After the PIN and the phone security code are entered, the phone will go to Idle mode for a current SIM Card.

2. If there are two SIM Cards in the phone (depending on security settings) an input text box might be displayed for you to enter the PIN SIM1 and the PIN SIM2. You will be prompted to enter one PIN after the other.

If you make a mistake while entering the PIN code and the phone security code, you might clear your input by pressing the RFK (right function key).

After the phone is switched on, available network(s) is/are automatically searched for.

As soon as an authorized network is detected, the network name and signal strength will be displayed on the screen. If there is no network available, only emergency phone calls and phone's non-calling features are allowed.

10.2 MAKING PHONE CALLS

In Idle mode, enter the phone number you wish to dial.

Press the RFK „Delete“, to delete any mistakes you might have made.

After the correct phone number is entered, press the Make Call key, and use keys Up/Down to select which SIM Card you wish to use to make this phone call, and press the Make Call key again.

1. Dialing extension numbers

Some numbers cannot be dialed directly, a call center number or a telephone exchange number must be dialed first before extension number is dialed.

2. Making international phone calls.

To make an international phone call, dialing „00“ or „+“ is required before dialing the actual number.

To enter „+“ press the key „*“.

3. Dialing a number from the Phonebook.

Press Menu to enter the Phonebook, use navigation keys Up/Down to find a Contact, or type the Contact name's first letter to access the list of Contacts with names starting with this letter, and select Contact you are looking for. Press the Make Call key, select the SIM Card you want to use for making this phone call, and press the Make Call key again.

4. Dialing a Number from Call Log.

Enter Call Log (press the Make Call key in Idle mode or press Menu to enter), and use navigation keys Up/Down to select a Contact you are looking for. Press Right/Left to scroll down/up between dialed, answered, rejected and missed phone calls.

10.3 ANSWERING PHONE CALLS

If there is an incoming phone call, your phone will notify you about it by ringing; if your network accepts the Caller ID of the person who is calling you, her/his name and number will be displayed on the screen (if there is any information about this Caller in the Phonebook).

1. Press the Make Call key or press the LFK twice to answer an incoming phone call.

2. If in [Settings->Call Settings->Other->Auto Call Recorder] the recording feature is enabled, the incoming phone call will be recorded.

3. If you do not wish to answer an incoming phone call, press the End Call key. To silence an incoming phone call, press the middle function key.

4. While talking, select Menu to adjust volume, go to the Phonebook/Messages/Call Log, to suspend phone call, silence phone call, add new phone call or start recording. Press the middle function key to enable/disable speakerphone mode. Use navigation keys Up/Down to adjust volume.

10.4 KEYPAD LOCK

To lock the keypad, press the LFK and then press „*“. If auto keypad lock is enabled, after elapsed time the keypad gets automatically locked. To unlock the keypad, press the LFK and then „*“.

10.5 EMERGENCY NUMBER

You might directly dial the emergency number 112 with no SIM Card. The European Emergency Number is 112.

11 TEXT & MULTIMEDIA MESSAGES

The phone lets you send and receive text and multimedia messages.

To enter **MENU Messages** press the LFK in the Idle mode, and then select Messages->Inbox.

11.1 INBOX

If you receive a text message, you will be notified by a sound alert; and a message icon will be displayed on the screen.

Press the LFK „Read“ to open the message. Press the RFK „Ignore“ to read the message later, and then the key OK to read the next message.

If the memory is full, the message “Memory Full” will appear on the screen. To be able to receive new messages, old messages must be deleted from the Inbox. If a new message is bigger than space left in the Inbox, the message might get lost and it will be incomplete.

Enter Menu ->Messages -> Inbox -> OK (middle function key) to read the selected message. Press the LFK „Options“, to display the following menu:

- Reply: you can reply by a text or multimedia message
- Delete: the message will be deleted
- Call: call the message Sender
- Block/unblock: blocked messages can't be deleted
- Transfer: a message might be transferred either to the phone or SIM Card
- Copy: you can copy a message to the phone or SIM card
- Select: selected messages might be transferred, copied, blocked, or replied to by a text or multimedia message
- Sort: sort messages by time, Contacts, description or type
- Add Sender to: you can add the Sender to a new or existing Contact
- Delete Repeated Numbers: this option lets you delete any messages received from a certain number.
- Add to Blacklist: any messages coming from this number will not be received.

11.2 CREATING & SENDING TEXT MESSAGES

1. 1. Go to Menu ->Messages ->Create Message, to open the message editor. Enter the Recipient's number or press the middle function key to select the number from the Phonebook. Select the Recipient(s) from the Phonebook, and press Options -> OK. Use the Down key to enter the input text box, and type your message. **Changing the text input mode:** to change the text input mode (digits, upper & lower case letters) press the key „#“ and use Up/Down to select what the mode you want.

Note: A single text message might be up to 160 characters. If Polish diacritics are used, the message might be limited to 60 characters. Information on how many characters and how many messages might be sent is displayed at the top right corner. Press the key [#] to change text language and input mode.

2. Sending Text Messages – press the Left Function Key „Options“:

- Send: text message will be sent,
- Insert template: select template you wish to insert,
- Insert Contact: select Contact you wish to insert,
- Add emoticon: select an emoticon you wish to add,
- Save as draft: select to save the message in the Drafts folder,
- Ignore: leave the message without saving.

11.3 CREATING & SENDING MULTIMEDIA MESSAGES

Enter Menu ->Messages->Create Message ->MMS, to open the message editor.

Press the LFK, „Options“, to select the following options while editing the message:

- Send: after adding the Recipient, select this option to send a message,
- Preview: lets you preview a multimedia message,
- Add Recipient: enter the Recipient's phone number or add it from the Phonebook,
- Add: lets you add a text, slide, sound clip, video to a message,
- Save as Draft: select to save the message in the Drafts folder,
- Set the slide show time: select time for slides to be shown.

11.4 VOICEMAIL

Voicemail is a network service to allow callers to leave a voice message when you cannot answer the phone call. To learn more, contact your service provider. You can get a voicemail number from the service provider. The number should be entered: Menu->Messages->Voicemail. Then, select the card you wish to enter the voicemail number on.

In Standby mode, press and hold the key 1 to get to the voicemail.

11.5 TEXT & MULTIMEDIA MESSAGE SETTINGS

In Menu ->Messages press Options ->Settings, to change parameters of SMS/MMS service for SIM1/SIM2.

You can select the Message Service Center Number, prioritize messages, enable/disable delivery reports, select to save sent messages and select the location for messages to be saved.

12 BATTERY INFORMATION

There is a battery in the phone. The battery can be recharged using a charger that is included in the set.

The battery life depends on conditions in which the phone is used. Your distance from a relay transmitter, number and the length of phone calls significantly reduce the battery life. While moving, the phone switches between relay transmitters and such switching also significantly affects the battery life.

After multiple charges and discharges, it is natural for the battery to eventually lose its ability to hold a charge. Get a new battery if you notice a significant drop in the battery's performance.

Use only batteries recommended by the Manufacturer. Never leave the charger on longer than 2-3 days.

Note: Never keep the phone in excessively hot places. High temperatures might negatively impact both the battery and the phone.

Never use a battery that is clearly damaged. Doing so might cause a short circuit, and might damage the phone. Make sure to install the battery in accordance with polarization.

Leaving the battery in excessively hot or cold places will reduce the battery life. The recommended storage temperature is between 15°C and 25°C. Installing a cold battery into the phone might cause the phone to malfunction and might damage the phone.

13 PROTECT YOUR ENVIRONMENT

Note: The phone follows the European Waste Electrical and Electronic Equipment Directive 2012/19/UE and the Polish Act on Waste Electrical and Electronic Equipment.

Such a logo tells us that the equipment, after use, must not be disposed of in the normal waste stream.



Note: Never throw a phone to municipal solid waste!!! The product should be utilized in authorized places only.

As the product contains hazardous components, improper storage and use of such equipment might lead to serious consequences harmful for both people and natural environment. To avoid such consequences, proper handling of waste electrical and electronic equipment is essential!

To facilitate recycling of materials used to produce the phone package, follow the waste sorting rules in your area.

A Li-ion battery is included in the package. Old batteries pose environmental risks. They should be disposed of at a special place in a special container in compliance with current regulations. Never throw old batteries or chargers to municipal solid waste, they should be collected for disposal.

NEVER PUT BATTERIES AND CHARGERS TO FIRE!!!

This Manual is for information purposes only. Some features and options might vary depending on software and your geographical location.

If any technical assistance is required, contact the technical department at

+48 32 325 07 00 or via email at serwis@maxcom.pl

Our website:

<http://www.maxcom.pl>

Note: Battery performance is influenced by local network conditions, SIM Card and the way the phone is used. The Manufacturer shall not be liable for any problems/consequences arising from misuse, abuse or noncompliance with this Manual.

Note: The Manufacturer reserves the right to change or update current information, without a prior notice. All trademarks mentioned or used in this Manual are the Manufacturer's property.

14 SAR INFORMATION

This telephone meets all international standards pertaining to the impact of radio waves. The product both receives and emits radio waves. It is designed not to exceed any limits pertaining to impact of radio waves recommended by international guidelines. These guidelines were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), an independent scientific organization with a safety margin to protect all people regardless their age and health condition. Such guidelines use a unit of measurement called Specific Absorption Rate (SAR) – actual absorption.

SAR value is determined at the maximum transmit power; the actual SAR value while the product is working is usually lower than the indicated level. Such discrepancies result from automatic changes in device power necessary to ensure that the device operates at a minimum power level required to be connected to network.

Although SAR values might vary for different models of phones or even for different positions of the same model, they are all compliant with regulations pertaining to safe level of radiation.

According to WHO current research, there is no need to apply any special restrictions in using portable devices. According to WHO, in order to reduce radiation, a length of conversation should be reduced, or headphones or speakerphone should be used, or the phone should not be held in proximity to head or body.

The highest SAR value taken in tests		Limit (W/Kg)
SAR – device next to head	0.309 W/kg 10g	2.0 W/Kg
SAR – device next to body	0.651 W/kg 10g	2.0 W/Kg
SAR – device next to limb	1.544 W/kg 10g	4.0 W/Kg

SAR values might also vary due to various reporting and testing requirements in different countries as well as to different frequencies in a certain network.

15 FREQUENCY RANGES AND MAXIMUM EQUIPMENT POWER

Frequency range	Maximum emitted power
880-915 MHz TX, 925-960 MHz RX (EGSM)	33.50 dBm
1710-1785 MHz TX, 1805-1880MHz RX (DCS 1800)	31.00 dBm
2402MHz -2480MHz (short range communication)	6.87 dBm
87.5MHz -108MHz (Radio FM)	-

16 DECLARATION OF CONFORMITY

Maxcom S.A. hereby declares that the radio device type: MAXCOM MM134L / MM135L mobile phone complies with Directive 2014/53/EU and Directive 2011/65/EU (RoHS)

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.maxcom.pl/deklaracje>

REMARK

Marking on the packaging



Marking indicating the included charger.



Marking indicating that the package does not include a charger for environmental reasons.

Therefore, all information in the user manual, about the included charger, in this version of the product, should be ignored.

A USB cable is included, allowing a user to charge a product from a USB port on the computer or to connect a USB charger.

This device can be powered by most USB chargers and a USB Type-C plug cable.



The power supplied by the charger must be between the minimum 0.75W required by the radio equipment and the maximum 10W to reach the maximum charging speed.

MAXCOM S.A.

ul. Towarowa 23a

43-100 Tychy

tel.: +48 32 327 70 89

www.maxcom.pl

e-mail: office@maxcom.pl

