

User Manual
GSM Mobile Phone
Maxcom **MM144**



If any technical assistance is required, please contact the hotline at (+48) 32 325 07 00 or serwis@maxcom.pl

Our website:

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

The Set Includes:

GSM Telephone

Charger

Battery

User Manual

Warranty Card

Headset

Keeping the original package is recommended as it might be used for transport.

Keep the receipt as it is necessary for warranty.

Important: The telephone works in the GSM 900/1800 network. Prior to switching on the phone, a SIM Card must be inserted in a proper way.

GSM 900/1800 Mobile Telephone

Large, Backlit Keys

Large, Color Display Screen

Photo Camera 2MPix

MicroSD Memory Card Slot

Large Fonts, Easy Menu

Speakerphone

Phonebook 1000 Entries

Sending and Receiving Messages

Speed Dial - 8 Numbers

Call Duration Display

Loud Ringtone

Bluetooth

Radio FM

Flashlight

Calculator

Alarm Clock

Battery 1000 mAh

Talk Time up to 230 hrs*.

Idle Time up to 5 hrs.*

Weight: 89g

*depending on current conditions and the GSM network signal

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1. Safety Precautions

Reading the guidelines below will minimize the risk of misusing the phone.

- Never use the phone in any area where the use of mobile phones is prohibited such as hospitals or refueling points. Using phones in such places might expose others to danger. Never switch on the phone if doing so might interfere with performance of other devices!
- Never use the phone without recommended accessories while driving.
- Never use the phone in hospitals, airplanes, refueling points and in proximity to flammable materials.
- The telephone emits electromagnetic field that might negatively interfere with other electronic devices including medical equipment. A distance recommended by the medical equipment manufacturers between the phone and the implanted medical device such as a heart pacemaker should be observed. Users with implanted devices should get familiar with and follow guidelines by the manufacturers of such implanted medical devices. Users with a heart pacemaker should not carry the phone in the breast pocket and should keep the phone next to the ear opposite to the medical device in order to minimize the risk of interference; in case of suspecting such interference, the phone should be switched off immediately;
- A device and its accessories might contain small parts. Keep the phone and all parts out of reach of children.

- Any repairs or modifications of the phone on your own are not allowed. Any problems should be repaired by the qualified service only.
- Use only original batteries and chargers. Using other accessories might damage the device or cause an explosion.

WATERPROOF – The phone is not waterproof. Keep it dry at all times.

2. Getting Started

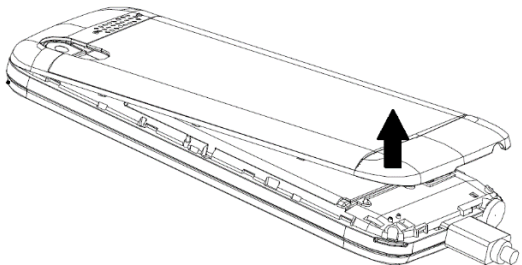
Prior to using the phone, a SIM Card must be inserted and, if needed, a MicroSD Card. Be careful not to damage the Card while inserting it. Keep SIM Cards away from children.

2.1 SIM Card and Battery Installation

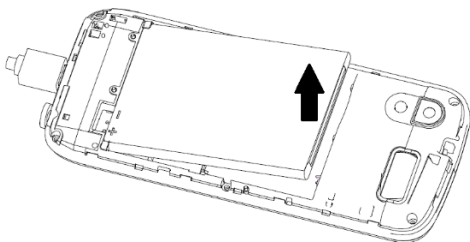
There are 2 slots for miniSIM cards on the phone. If you have a card of different size (smaller, micro, or nano) go to your service provider to add a bigger frame or to replace the Card.

Prior to inserting the SIM Card, make sure the phone is switched off, and the battery is removed. The charger should be unplugged. To insert the SIM Card, first remove the battery as described and shown in the instructions and drawings below:

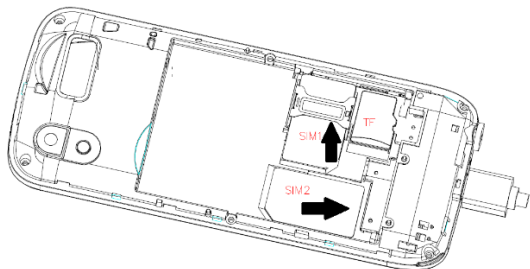
- When the phone is switched off, remove the back cover by lifting it up in the right, bottom corner,



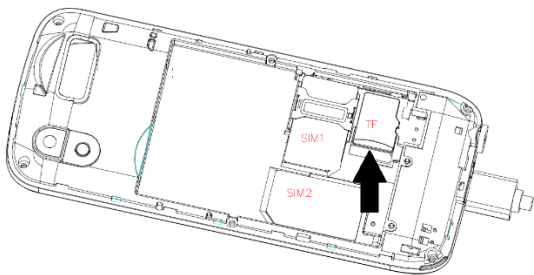
- Remove the battery by lifting it up with your fingernail from the top edge of the phone,



- Gently slide miniSIM cards onto slots as shown below, with metal contacts facing down:



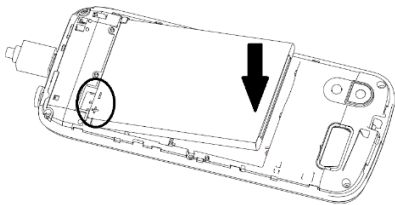
- There is a spot for microSD memory card between SIM Card slots. Insert the memory card onto the slot so that it will match the symbol on the casing. Slide the card all the way down.



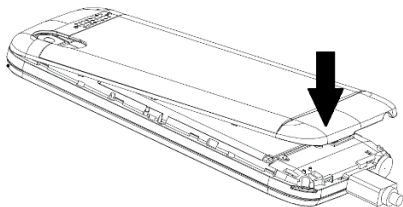
Be careful while using memory cards especially while inserting and removing the card. Some memory cards must be formatted on a computer before the first use.

Regularly make backup copies of data stored on cards used in other devices, if you use SD Cards! Misuse or other factors might damage the card or make the card lose its content.

- Insert the battery so that the contacts +/- will go towards the bottom of the phone.



- After the battery is positioned, place the battery cover back on the phone, and press until in position.



2.2 Charging Battery

Important! Only use the battery included in the set. Using other batteries might damage the phone and will void your warranty.

Never connect the charger while the back cover is removed.

To charge the phone:

1. Lift up the USB/headphone port covering using your fingernail,
2. Plug the charger into a power outlet,
3. Plug the charger cable into the slot located on the bottom edge of the phone. There will be a message about the charger being plugged in on the display screen, and the battery icon will blink on the display screen while charging.
4. As soon as the battery is fully charged, disconnect the charger from the power outlet, and then the cable from the phone.

As soon as the charging process is complete, there will be a message „Charging Complete” displayed on the screen, and the battery icon will stop blinking.

Important:

- Prior to starting the charging process, make sure the battery is installed in a proper way,
- Never remove the battery while charging – doing so might damage the phone,

- If the battery level is too low for the phone to work, a message will appear on the display screen notifying you about the phone getting automatically switched off soon, and the phone will be automatically switched off.
- If the battery is completely discharged (because e.g. the torch had been on for a long time) it might take up to several minutes before the battery icon appears on the screen.

3. Description of Keys



1	MicroUSB/Charging port	10	Key: Right
2	Headphones port	11	Key: Up
3	Conversation Speaker	12	Key: Down
4	Display Screen	13	Key OK
5	Left Function Key – LFK	14	Numeric Keypad
6	Right Function Key - RFK	15	Camera Lens
7	Green Receiver–making phone calls	16	Flashlight/Camera Diode
8	Red Receiver – ending phone calls/return to the home screen	17	Ringtone/Multimedia Speaker
9	Key: Left		

Keys Primary Functions

Key	Function
Red Receiver	Press: returning to Idle mode; ending a phone call.

		Press & Hold: switching on/off the phone.
	Green Receiver	Press: making a phone call; in Idle mode entering the Call Log
Navigation Keys	Up	Photo Camera (by default → change possible)
	Down	Audio Player (by default → ChP)
	Left	Shortcuts (by default → ChP)
	LFK	As appears on the screen
	RFK	As appears on the screen
	Right	Profiles (by default → ChP)
	1	Press: digit 1 Press & Hold: Voicemail
	0	Press: digit 0 Press & Hold: switching on/off the flashlight
	2-9	Press: digits 2 to 9 Press & Hold: dials a previously assigned Speed Dial number
	*	Entering symbols: *, +, P, W. While texting: special symbols
	#	Press: Change the text input mode while texting; entering the symbol #

		Press & Hold: Enable/disable the Silent Mode
	Przycisk OK	Confirmation key; in most cases function concurs with the LFK

4. Using the Phone

4.1 Switching On the Phone

Press and hold the **red receiver** key to switch on the phone.

If a request to enter the PIN Code appears, you have to enter the PIN Code. You can find the PIN Code in the SIM Card Starter Kit.

After the PIN Code is entered, press the Left Function Key to confirm.

Important: If you enter an incorrect PIN code three times in a row, the SIM card will be locked. To unlock the SIM Card, the PUK Code is required. If you enter incorrect PUK Code 10 times, the SIM Card will be permanently locked.

4.2 Switching Off the Phone

To switch off the phone, press and hold the **red receiver** key.

4.3 Idle Mode, Description of Display Screen











If the phone is switched on, but there is no activity, the phone will go to Idle Mode.

Display Screen Description:



1. Icons Showing Functions:

	Ringtone only		Headphones on
	Ringtone + Vibration		Unread Text/Multimedia Message

	Vibration, Ringtone Later		EDGE Data Connection
	Vibration only		Silent
	Alarm Clock On		Call Forwarding Enabled
	Bluetooth Enabled		Keypad Locked
	Missed Phone Call		Roaming Enabled
Icons might vary depending on the software		* Icon RM appears also in domestic roaming if the User uses other service provider's network.	

2. Network Signal
3. Battery Level
4. Service Provider Name
5. Time and Date
6. Description of Function Keys (LFK and RFK).

4.4 Keypad Lock

To lock the keypad, in Idle mode press the Left Function Key (**LFK**), and then (*). To unlock the keypad, press the Left Function Key (**LFK**), and then (*). There is no need to unlock the keypad to answer a phone call.

Select **Menu** → **Settings** → **Phone Settings** → **Keypad Auto Lock**.

5. MENU

To enter MENU, in Idle mode press the key **OK** or the **Left Function Key**.

To navigate in MENU press keys **UP/DOWN/RIGHT/LEFT**.

Press **OK** to confirm the option of your choice.

To return to the previous MENU (go back), press the **Right Function Key (RFK)** To go to Idle mode, press the **Red Receiver**.

6. Phonebook

6.1 Saving New Contacts

There are two ways to save a new Contact:

1. You can save a phone number from the list of missed and answered phone calls. To do so, in Idle mode press the **green receiver**, select the number you want to save and press „Options” (**LFK**). Select „**Save in Phonebook**”, press **LFK**, select the location for the number to be saved to. Enter the Contact’s name, and press **Options → Save**.
2. Or, you can add a new Contact directly to the Phonebook. To do so, in Idle mode press the **RFK**, and then use the key **Up** to select **New Contact**. Select the location for the new Contact to be saved. Enter the new Contact’s name and the number, and confirm by pressing **Options → Save**.

6.2 Viewing Phonebook

Method 1

1. Go to **MENU** and select **Phonebook**
2. Enter the first letter of the Contact you are looking for
3. The phone will go to the list of names starting with this letter. You can scroll down and up the list using the navigation keys **UP/DOWN**

Method 2

1. In Idle mode, press the **Right Function Key**,
2. Enter the first letter of the Contact you are looking for,
3. The phone will go to the list of names starting with this letter. You can scroll down and up the list using the navigation keys **UP/DOWN**.

6.3 Deleting Contacts

6.3.1 *Deleting a Single Contact*

If you wish to delete a Contact either from the phone or the SIM Card, do as follows:

1. In **MENU** select Phonebook
2. Select a Contact you wish to delete, and press **Options → Delete**
3. Press the **LFK**, to confirm.

6.3.2 *Deleting All Contacts*

If you wish to delete all Contacts either from the phone or the SIM Card, do as follows:

1. In **MENU** select: **Phonebook** → **Options** → **Settings** → **Delete**
2. Decide if you want to delete Contacts from the **SIM1**, **SIM2** or the **Phone**, and press **Yes** to confirm.

6.4 Copying Contacts

6.4.1 Copying a Single Contact

To copy Contacts from the SIM Card to the phone, or from the phone to the SIM Card, do as follows:

1. In **MENU**, select **Phonebook**
2. Select the Contact you wish to copy
3. Press **Options** → **Phonebook**, and then select the location for the Contact to be copied to (SIM1, SIM2, Phone) and press **LFK**.

6.4.2 Copying All Contacts

To copy multiple Contacts from the SIM Card to the phone, or the phone to the SIM Card, do as follows:

1. In **MENU** select: **Phonebook** → **Options** → **Settings** → **Copy Contacts**
2. Select where from and where to you wish to copy the Contacts.
3. Confirm with the **LFK**, by pressing **Yes**.

6.5 Transferring Contacts

You can transfer Contacts either from the SIM Card to the phone memory, or from the phone memory to the SIM Card. To do so, select **MENU** → **Phonebook** → **Options** → **Settings** → **Transfer All**.

6.6 Phonebook Settings

6.6.1 Preferred Memory

In **MENU** select: **Phonebook** → **Options** → **Settings** → **Preferred Memory** to select the default location for saving new Contacts (SIM1, SIM2, Phone, All).

6.6.2 Speed Dial

In **MENU** select: **Phonebook** → **Options** → **Settings** → **Speed Dial** → **Status** to enable or disable Speed Dialing. If such a feature is enabled, and there are some phone numbers assigned to digits 2-9, in Idle mode press and hold a selected key to make a phone call with the number that had been assigned to this digit.

To assign a phone number to a key, in **MENU** select **Phonebook** → **Options** → **Settings** → **Speed Dial** → **Set Keys**. Then select a key to assign a phone number to, press the **LFK (Edit)**, select the number from the Phonebook, and press the **LFK** again.

6.6.3 Memory Status

This option allows you to check the memory status of each SIM Card and the phone in terms of Contacts.

In **MENU** select **Phonebook** → **Options** → **Settings** → **Memory Status**

7. Phone Calls

7.1 Direct Dial

1. Dial the phone number you wish to call by using the numeric keypad when the phone is in Idle mode.

For international phone calls, you must dial „00” or „+” prior to dialing the actual phone number. To enter „+” press the key „*” twice.

2. Press **green receiver** to call the dialed number.
3. To end the call press the **red receiver**.

7.2 Dial from Phonebook

In Idle mode, press the **RFK** to enter the Phonebook. Use the keys **UP/DOWN** to select the Contact you wish to call. If you want to go fast to the Contact starting with the letter eg. U, press the key 8 twice. To call the selected Contact, press the **Green Receiver**, and then select either SIM1 or SIM2.

7.3 Dial from Call Log

Press the **green receiver** when the phone is in Idle mode to go to the Call Log. Use keys **UP/DOWN** to scroll up and down the list. Press the **green receiver** if you want to make a phone call.

7.4 Speed Dial

If you have some phone numbers assigned to digits **2-9** and the **Status** for this option is enabled, in Idle mode press and hold the selected numeric key (2-9) to make a phone call (see section 6.6.2)

7.5 Phone Call Volume Adjustment

While talking on the phone, press the key **Up** or **Down** to adjust volume of the phone conversation.

7.6 Options While Calling

To enable a **speakerphone**, press the **RFK (Speaker)** while talking. To disable the speakerphone, press the key ***(Receiver)** again.

While talking, press **Options** to access additional functions:

- **Suspend**: suspends a phone call
- **End Call**: ends a phone call
- **New Call**: allows you to place another phone call
- **Phonebook**: allows you to go to Phonebook eg. to check the number
- **Call Log**: allows you to view the list of all phone calls
- **Messages**: allows you to view received/saved messages
- **Mute**: enables/disables a mike
- **DTMF**: allows you to enable/disable DTMF
- **Volume**: adjusts the call volume

7.7 Answering Phone Calls

To answer an incoming phone call, press the **green receiver**.

To reject an incoming phone call, press the **red receiver**.

To mute an incoming phone call, press the **RFK (Silent)**.

8. Call Center (Call Log & Settings)

8.1 Call Log

To enter the Call Log, go to the main **MENU** and select **Call Log**, and then select:

Missed Calls (to view missed phone calls). If there is a missed phone call, in Idle mode a receiver symbol will appear on the left side of the screen,

Dialed Numbers (to view dialed numbers).

Answered Calls (to view answered phone calls)

Delete Call Log (to delete all phone calls from the Call Log)

Important! To view all phone calls in the Call Log, just press the green receiver in the Standby Mode or select from this menu **All Calls**.

Icons of different colors inform you about the type of phone call.

After a phone call you wish to view has been selected, press the **LFK** to access additional options:

- **Preview**, allows you to view the phone call details
- **Connect**, calls this number
- **Send SMS**, allows you to send a text message
- **Send MMS**, allows you to send a multimedia message
- **Save in Phonebook**, allows you to add the number to the Phonebook
- **Add to Black List**, allows you to add the number to the list of restricted numbers
- **Delete**, deletes a selected entry.

8.2 Phone Call Settings

To enter Phone Call Settings go to **MENU** and select: Settings → Call Settings → select SIM1 or SIM2

8.2.1 Hide Caller ID

It allows you to hide the number from the call recipient.

8.2.2 Call Waiting

It is network service. If the service provider offers such an option, the phone must be properly configured.

In **MENU** after entering the option: **Settings → Call Settings →** select **SIM1** or **SIM2 → Call Waiting** you can check the availability status, or select if you want to enable such an option.

If Call Waiting is enabled, and the User is talking on the phone, he/she will be notified about any other incoming phone call by a special beep of a second call. The User can answer the second incoming phone call and suspend the first one. You can switch back and forth or merge the phone call – conference call.

8.2.3 Call Forwarding

It is network service. If the service provider offers such an option, the phone must be properly configured. The User might direct incoming calls to be forwarded directly to the voicemail or to any other number of his/her choice.

1. To enable **Call Forwarding** go to **MENU: Settings → Call Settings →** select **SIM1** or **SIM2 → Call Forwarding**.
2. Then select when you want to forward phone calls from an available list: **1 All voice calls** (all incoming phone calls are forwarded to a given number), **2 If unavailable** (incoming calls are forwarded if the phone is switched off or out of reception), **3 If I don't**

answer (incoming phone calls are forwarded if you don't answer the phone) **4 If busy** (incoming phone calls are forwarded if you are currently talking on the phone), **5 Forward all phone calls** **6 Annul all forwards.**

3. Press **Enable** and enter the number you wish to forward the phone call to in order to enable this option or **Disable**, to have this option disabled.

To see what is the current status of this option, go to: **Check Status.**

8.2.4 Call Barring

It is network service. If your service provider offers such an option, configuration will be required. This option allows you to restrict certain types of phone calls.

1. In **MENU** go to: **Settings → Call Settings →** select **SIM1 or SIM2 → Call Barring**
2. From the list, select phone call type you wish to restrict. You can restrict all outgoing phone calls, all outgoing international phone calls, international phone calls (except for calling home country), all incoming phone calls and incoming phone calls while roaming. You can change the lock password.



8.2.5 Advanced Settings

Select: **MENU → Settings → Call Settings → Advanced Settings.**

- **Black List:** You can add any number to the Black List. If this option is enabled, any incoming phone call from the blacklisted number will be automatically rejected.

- **Call Duration Reminder:** You can set the phone to remind you of duration of the phone call. Every predefined period (30-60sec) or after certain time has passed (1-3000sec), while having a phone conversation, you will hear a special beep to notify you about time period that has just passed.
- **Reject by SMS:** If enabled, to reject an incoming phone call press **Options** → **Reject by SMS** → confirm with **Yes**
- **Answering Phone Calls:** You can set an incoming phone call to be answered by pressing any key, or automatically, if the headset is on.

9. Text & Multimedia Messages

The phone allows you to send and receive text and multimedia messages. If there is an icon  appearing on the screen, you have at least one unread message. To enter **MENU SMS** in Idle mode press the **Left Function Key**, and then select **Messages** ->**Inbox**. As soon as the Inbox is full, the icon  will go blinking. Delete messages from the Inbox to solve the problem.

9.1 Creating & Sending Text Messages

1. To send a text message go to MENU, and then select: **Messages** → **Create Message** → **SMS** to open a message editor.
 2. Type a message.
- **Changing the text input method:** To change the text input method (digits, lower and upper case


letters) press the key „#”, if you want to enter a symbol, press the key „*”.

3. **Sending Messages:** Press **Options->Send To** and select whether you want to enter the number manually or select it from the Phonebook. Select the number and press **OK**. If you want to send a text message to multiple recipients, you can add additional numbers. To send a message, press **Options->Send**.
4. **Saving Messages:** To save a message you have just created, press **Options->Save**. The message will be saved in the **Drafts** folder. You can select for the sent messages to be automatically saved, to do so go to MENU and select: **Messages → Settings → SMS → Save Sent → Enabled** (enabled by default).

9.2 Creating & Sending Multimedia Messages

If you want to send a multimedia message, select in MENU: **Messages → Create Message → MMS**, type a message, press Options and select content (add an attachment that is an image, audio clip or video), and then select **Options** and **Send to**, select a recipient, press the key **OK** twice (or, as an option, which SIM). **Remember! An image mustn't be larger than 300kB to be sent! Remember! Sending MMSs is possible only after inserting a microSD card into the phone!**

9.3 Viewing & Replying to Messages

1. If there is an unread message icon on the screen or you want to view received messages in MENU select: **Messages** → **Inbox**. To view the message, press the key **OK**. While reading, press the LFK to use additional options.
2. The  next to a message indicates an unread message.

Press „Options” while reading a message to access additional options:

- **Reply with SMS**: create a text message to the Sender
 - **Reply with MMS**: create a multimedia message to the Sender
 - **Call**: make a phone call to the Sender
 - **Delete**: deletes a phone call
 - **Forward**: allows you to send a message to another recipient
3. - **Advanced**: allows you to use the number, email address, or URL.

9.4 Message Boxes

9.4.1 *Inbox*

This box lists received messages, sorted in order they have been received.

Use the keys **UP** & **DOWN** to scroll up and down within the Inbox.

Press „Options” while viewing the Inbox to access additional options:

- **Preview**: allows you to view the message
- **Reply with SMS**: create a text message to the Sender

- **Reply with MMS**: create a multimedia message to the Sender
- **Call**: make a phone call to the Sender
- **Forward**: allows you to send the message to another recipient
- **Delete**: deletes the message
- **Delete All**: deletes all messages from the Inbox
- **Details**: shows detailed information about the received message.

9.4.2 Sentbox

If you use the option **Save Sent**, all sent messages will be saved in the Sentbox.

To move up and down within the Sentbox, use the keys **Up** and **Down**.

9.4.3 Drafts

You can save unsent messages in the box **Drafts**. To do so, type your message and after pressing the Left Function Key select „Save”.

Go to Drafts to send, delete, or edit saved messages.

9.4.4 Outbox

If you fail to send a message, it will be saved in the Outbox.

9.5 Deleting Messages

To delete a selected message go to Options (LFK) and select „Delete”.

9.6 Message Settings

Go to **MENU** and select: **Messages** → **Settings**, and then select:

9.6.1 SMS

- **SIM1 and SIM2**

- **Profiles** → **Text Message Center Number** is there; it works as a go-between users while sending text messages. To send a text message from a mobile phone, correct Text Message Center Number must be entered. In most cases, the number is saved on SIM Card. If you send messages, do not change these settings.

- **Delivery Report**: You can select to receive a text message confirming that your message had been delivered to the recipient (network service)

- **Message Priority**: defines message priority time

- **Message Type**: allows you to define the sent message type

- **Reply Path**: allows you to enable/disable a reply path

- **Voicemail**: allows you to set the voicemail server number

- **Memory Status**

It allows you to check the memory status of the SIM1, SIM2 and the phone.

- **Message Counter**

It allows you to control the number of sent/received messages

- **Save Sent Messages**

It allows you to enable/disable saving of sent messages

- **Preferred Memory**

It allows you to select messages to be saved on the phone or the SIM Cards.

9.6.2 Multimedia Messages

It allows you to select the data account necessary to send multimedia messages. These are so-called APN accounts; all Maxcom telephones are designed to automatically work with all major service providers in Poland.

- **Shared**

- **Composition:** allows you set time for a slide to be displayed and an automatic signature

- **Sending:** allows you to set delivery reports, priority, auto save.

- **Downloading:** allows you to set multimedia messages downloading in your home network, and roaming and set the message filters.

- **Default Memory:** allows you to select the location to store messages

- **Memory Status:** allows you to check memory status.


9.6.3 Network Messages

Select: **Menu → Messages → Settings → Network Messages** to set network messages options. Network messages are messages sent by the GSM Service Provider. To learn more, contact the Service Provider.

9.7 Voicemail

Voicemail is offered by a service provider and it allows callers to leave a voice message when you cannot answer the phone call. To learn more, contact your

service provider. If you wish to change your voicemail number, in MENU select: **Messages → Settings → SMS → SIM1** or **SIM2 → Voicemail** and enter the number of your choice.

You can get the voicemail number from your service provider. To connect to the voicemail, press and hold the key 

10. Multimedia

10.1 Image Viewer

In **MENU** select: **Multimedia → Image Viewer**. You can view images you have previously taken with the device camera. **Remember! To see images in the viewer, they must be stored in the folder „Camera”!**

10.2 Video Player

Select in **MENU**: **Multimedia → Video Player**. Use the Video Player to view previously captured videos. Use keys **Up/Down** to select the video you wish to view. Press the key **OK**, to start and pause playing the recording. To stop playing, press the key **DOWN**. To full screen the video, press the key **UP**. To adjust volume, use the key **„*”**.

The phone supports files in **AVI** and **3GP** formats.

Remember! To see video files in the player, they must be stored in the folder „Video”!

While viewing the list of videos, press **„Options”**, to access additional options:

- Play

- Send
- Rename
- Delete
- Delete All
- Sort By
- Memory

10.3 Photo Camera

The phone has an ability to take photos and record videos.

To enable the camera, select in **MENU** → **Camera** You can freely switch between the Photo and Video Camera by selecting **Options** → **Go to Video** (or **Go to Camera**). After the camera is enabled, there will be an image on the screen. The camera has a digital zoom (enlarge). To zoom in a subject of your photo, press the key **Up**, to zoom out press **Down**.

To resize the photo (240x320, 480x640, 600x800, 960x1280, 1200x1600), press **Options** → **Image Settings**.

To take a photo, press the key **OK**. The photo will be automatically saved. Do not move the phone as long as there is a message on the screen: Saving.

To access more options, press the **Left Function Key**

Go to Video	Enables the Video Camera
Photos	Activate the Image Viewer
Camera Settings	Allows you to change the camera settings such as anti-flicker, self-timer, flashlight, contrast, EV, shutter sound

Image Settings	You can resize the image and change the quality of the image
White Balance	Allows you to adjust white balance
Scene Modes	Automatic or Night
Effects	Allows you to use negative effect, grey scale, etc.
Memory	Allows you to select images to be saved on the memory card or phone memory
Restore Default	Restores default camera settings

Phone memory allows you to take just a few photos (depending on the selected resolution). To store more photos, install MicroSD memory card.

While using the option **Photos (Image Viewer)**, select the image of your choice by pressing **Up/Down/Right/Left** and press the **LFK**, to access the following options:

- **Preview**: zooms in the selected image. To view a next photo, press keys Right/Left,
- **Change View**: you can select either a List or Tiles
- **Send**: allows you to send an image as a multimedia message (up to 300kB) or via Bluetooth
- **Set As**: you can set an image as your wallpaper or screensaver
- **Rename**: allows you rename the image
- **Delete**: deletes an image
- **Sort**: sorts images by a selected parameter
- **Delete All Files**: deletes all images

- **Memory**, allows you to select whether the image will be viewed and saved on the memory card or in the phone memory
- **Image Info**: displays photo details.

10.4 Video Camera

To switch on the video camera go to **MENU: Multimedia → Video Camera**. To set recording options, press the **LFK**.

To start recording, press the key **OK**. To pause recording, press the key **OK** again. To stop recording, press the **RFK**.

Images and films taken with the phone might be sent to the computer. More information in the section: **Computer Connection**.

10.5 Voice Recorder

You can record either music or surrounding sounds. It is not sophisticated device, to be used for non-professional recording (keep the mike as close as possible to the sound source).

In **MENU** select: **Multimedia → Voice Recorder**.

- To start recording, press **Options → New Entry**
- To finish recording, select the key **RFK**, to pause -- **LFK**. To play the recording **Options → Play**. Recordings are saved by default in the folder „**Audio**”.
- Select **Options**, to enter the voice player settings (location for files to be saved, quality of recording).

11. Tools

11.1 Calculator

To enable the calculator, in **MENU** select: **Tools** → **Calculator**. There are four mathematical operations possible on the phone: addition, subtraction, multiplication, and division.

Use keys **0-9** to enter the first number, and then use **UP/DOWN/RIGHT/LEFT** to select an operation and enter the next number. Press **OK** to see the result.

11.2 Alarm

You can set five independent alarms in the phone. In enable an alarm clock in **MENU** select: **Tools->Alarm Clock**. Select an alarm you wish, and press **Edit**. You can enable/disable alarm clock, set time for the alarm clock to go off, alarm type and repeat. If the phone is switched off, and the battery is not discharged, the alarm clock will still go off. If the alarm clock goes off, press the Left Function Key to disable the alarm. Press the Right Function Key to enable snooze, and the alarm clock will go off again in 5 minutes.

11.3 Flashlight

This option allows you to switch on/off the flashlight. To do it, in Idle mode press and hold the key „**0**” (zero).

11.4 World Clock

This feature allows you to check current time in the other parts of the world.

11.5 STK (SIM service)

Independently from the phone, a SIM Card might offer additional service. The name and functions of such a menu depend on the availability of certain services at a given service provider. Services depending on the Internet will not be available.

12. Audio Player

Select **Menu** → **Audio Player**.

Use the player to play recording audio files or the files stored on the microSD card.

To start or pause playing, press the key **OK**.

You can move back and forth between audio files by using the navigation keys **LEFT** and **RIGHT**. To adjust volume up or down, use the key ***/#**.

The phone supports **MP3, WAV, AAC, AMR** formats.

13. Calendar

To enable the calendar, in **MENU** select: **Calendar**. Use keys **Up/Down/Right/Left** to move between certain days.

Press the **Left Function Key** to access additional options:

- **Preview**: allows you to view an event on a selected date
- **View All**: displays all events
- **Add Event**: allows you to create a new event
- **Delete Event**: allows you to delete events
- **Go to Date**: enter the date you want to go to

- **Go to Today:** allows you to go to the current date
- **Week or Month View:** goes to the week view from the month view or from the month view to the week view,
- **Week Start:** allows you to set the first day of the week (Sunday or Monday).

14. File Manager

Select in **MENU: File Manager**. File Manager is to view folders and files in the phone and on the SD card (if it was installed on the phone).

Press the LFK [**Options**]:

- **Open** – select to open a selected disc/folder,
- **Format** – to format selected memory

Select in MENU: Tools->File Manager. Press the Left Function Key [**Options**]:

- Open – press to open a selected folder
- Format- press to format a selected drive
- Details

After the folder has been opened, there are the following options available under the Left Function Key:

- *Open*
- *Create folder:* to create a new folder in the selected location
- *Rename folder*
- *Delete:* Delete current folder/file
- *Sort by:* Select what criteria to apply while sorting foldersfoldery

File Manager on the phone is a simple program. If there is a need to perform more complicated folder/file operations, use of personal computer is recommended.

15. Radio FM

The phone has a built-in FM radio receiver. You can use it with no headset; you need to remember, however, that a headset doubles as an antenna.

Warning: Quality of reception depends on your current location. There are numerous factors influencing the reception of radio stations that might cause a poor quality of reception; it is not, however, grounds for filing a complaint about the device.

To enable/disable the radio, press the key OK. If there is an option *Play in Background* enabled, press the key OK to stop playing the radio prior to switching it off, and then press the red receiver key. Otherwise, the radio will keep playing all the time.

Functions of keys while playing the radio:

- **RIGHT:** searching for next channel
- **LEFT:** searching for the previous channel
- **UP:** frequency goes up by 0,1 MHz
- **DOWN:** frequency goes down by 0,1 MHz
- **#:** volume up
- ***:** volume down
- **Red receiver:** return to menu

- **Keys 1 – 9:** selecting the radio station from the list of channels (must be search and saved radio stations)

16. Settings

In **MENU** go to **Settings** and then:

16.1 Profiles

The phone has some profiles to adjust the phone to various circumstances you might be under. Each profile might be enabled and customized. There are the following profiles available: General, Silent, Meeting, Outdoors.

In profiles use the option **Adjust (Options->Adjust)** to change the following:

- Alert Type (ringtone only, vibration only, etc.)
- Ringtone type (single or repeat)
- Ringtone sound (SIM1 or SIM2)
- Ringtone volume
- Message alert (SIM1 or SIM2)
- Message alert volume
- Keypad beep
- Keypad volume
- Warning alerts (eg. a low battery alert)

In Idle mode press and hold the key # to enable the profile **Meeting**, press and hold again the key # to return to the previous profile.

16.2 DUAL SIM Settings

This option allows you to manage SIM Cards; you can enable or disable a selected SIM card slot.

16.3 Phone Settings

16.3.1 *Time and Date*

To set a date and time, select in **MENU: Settings → Phone settings → Time & Date**. Select „Time zone”, to select a location you need, and then „Set time/date”, to enter the time and date. To navigate between the date and time, use keys Up/Down/Right/Left, use keys 0-9 to enter the date and time.

You can also select the time format (12h or 24h), the date format (DD/MM/YYYY, MM/DD/YYYY or YYYY/MM/DD) and the date separator.

If the battery has been removed from the phone, after inserting the battery back you have to reset the time and date (if it is not automatically downloaded from the network).

An enabled option „**Auto Time Update**” – if enabled, automatically sets a time and date from the service provider’s network.

16.3.2 *Scheduled Auto Powering On/Off the Phone*

This option allows you to automatically manage the phone to be switched on and off; useful, when the phone is for example automatically set to power off at night.

16.3.3 Language

This option allows you to change the phone menu language. If you mistakenly select the language you don't want, in Idle mode press:

- **1x OK**
- **2x DOWN**
- **1x OK**
- **2x DOWN**
- **1x OK**
- **2x DOWN**
- **1x OK**

Select the language of your choice, and press **OK**.

16.3.4 Display Screen

You can set a wallpaper, brightness, and time for the display screen to be backlit, and enable/disable the time date, and the service provider's name to be highlighted on the display screen in Idle mode (desktop).

16.3.5 Themes

This option allows you to select the main menu motif. There are two themes to select from.

16.3.6 Font Size

It allows you select a font size in the phone. There are some sizes available. Try out all options to fit the font size to your preferences.

16.3.7 Shortcuts

This option allows you to select/set 4 shortcuts that might be added to options **Dedicated Keys**.

16.3.8 Dedicated Keys

This option allows you to set shortcuts to certain functions under navigation keys: Up, Down, Right, Left (by default: Photo Camera, Audio Player, Profiles, Shortcuts)

16.3.9 Keypad Auto Lock

This option allows you to enable certain amount of time to pass before the keypad will automatically lock.

16.3.10 Flight Mode

You can enable the flight mode. If the flight mode is enabled, there is no connection with the GSM network, making phone calls, receiving/sending messages, etc. is not possible. The option is useful for example on planes.

16.4 Call Settings

See section 8.2.

16.5 Network Settings

This option is for more advanced users. It allows you to manage the GSM network settings:

- Network selection: You can select the BTS of the GSM service provider's manually or automatically SIM1 and SIM2

16.6 Security Settings

16.6.1 PIN Code (SIM1 and SIM2)

You can enable/disable the phone request to enter the PIN Code every time you switch on the phone, and you can update the PIN Code.

16.6.2 Securing the Phone

You can enable the phone lock. Every time you switch on the phone, you will be required to enter the phone lock code. The default phone lock code is: **1122**.

16.7 Connectivity

16.7.1 APN Profile

Select in **MENU: Settings → Connectivity** and go to **APN Profile**.

There are multimedia settings of some service providers (4 major ones in Poland) preinstalled on the phone. To edit/delete/add an account, select in MENU: Settings → Connectivity → APN Profiles.

Important!

You can get the APN proper configuration from your service provider (point of sale or www). Remote phone configuration might be available with some providers. If APN accounts are not configured in a proper way, sending/receiving multimedia messages will not be possible!

16.8 Restore Factory Settings

This option allows you to restore factory (default) settings. In **MENU** select **Settings** → **Restore Factory Settings**, and then enter the security code.

Warning: Default security code is: **1122**

Important! This action deletes most of data from the phone. Make backup copies!

17. Bluetooth

Bluetooth connectivity allows you to send and receive files. You can also connect other devices such as a wireless headset.

In **MENU**: **Settings** → **Bluetooth**.

In Bluetooth Menu you can select one out of the following options:

Bluetooth Status	Enable/disable Bluetooth, the BT icon appear on the top bar of the display screen
Visibility	Enable to let other users see your phone
My Devices	Devices you have already connected to
Search for audio device	You can pair audio devices eg. headsets
My name	Select the name for your device

In submenu **ADVANCED** you can select audio access path, memory and check a BT address in the MM144 device.

Files sent to the phone MM144 are saved in the folder **Bluetooth**. While receiving files, the icon on the top bar turns color from blue to green.

18. Computer Connection

You can connect the phone to a computer using a USB cable and you can copy and transfer files between the phone and the computer.

Getting connected:

- insert the USB cable into the phone
- plug the other end of the USB cable into the USB port in the computer
- there will be a message on the display screen: „**Mass Memory Device**” and „**Port COM**”. Select **Mass Memory Device** for the computer system to immediately detect the phone memory, and then modified as needed.

19. FAQ (Troubleshooting)

Only qualified service is authorized to repair the phone. Any attempts of unauthorized repair and modifications are not allowed and they might void the Manufacturer's warranty!

„Cannot make a phone call”

Make sure the number you are dialing is correct. If you make an international phone call, dial a country code before the actual number (eg. 0049 or +49 for Germany).

	If you have a prepaid card, make sure there are sufficient funds available on the card to make a phone call.
“SIM Card in place, emergency calls only (112)”	Make sure to correctly install the SIM Card or to enable the Card in MENU
“The phone does not work, the phone does not charge when plugged in”	The phone might be switched off; to switch on the phone, press the Make Call key (red receiver) for about 3 seconds. If you have not used the phone for a long time, the battery might be “deeply-discharged”; to recover a deeply-discharged battery leave the charger plugged in, although there is no image on the display screen (it might take up to an hour).
„Can I make a phone call abroad?”	If you are out of the country and ROAMING is enabled, the phone will automatically log into the foreign telephone network. To learn more, contact your service provider.

<p>„Can I make an emergency call if there is no reception or if there are no funds on my account?“</p>	<p>If the phone is in the area with no network reception, no phone calls can be made.</p> <p>If you have no funds available on the account, emergency call to 112 can be made.</p>
<p>„How to get the most of reception?“</p>	<p>If there is a message „Does not work“ on the display screen, it means there is no signal or sufficient funds on the account. In such a case, only making emergency call 112 is possible as long as the User is in the area covered by another service provider. Places such as buildings limit the reception; move toward a window or get out of the area with a lot of buildings.</p>
<p>„There is a message „Press * to unlock“ on the display, keys do not work.</p>	<p>The keypad lock is enabled. To unlock the keypad, press the LFK, and then the star key (*).</p>

„What is the Text Message Center?”	It is the service provider’s center number where all text messages are stored. The number is stored on the SIM Card, but you can change the number in MENU and enter another number.
„When is the fee for making phone calls charged?”	A fee for making a phone call is charged for as soon as a phone call is made. To learn more about charging details, contact your service provider.
“Is there any way to make sure my message was delivered to the recipient?”	Enable Delivery Report option. As soon as the text message is delivered to the recipient, you will get a return message (network service).

20. Safe Use

- Never use the phone if it might interfere with work of other devices!
- Never use the phone without a headset while driving.
- The telephone emits electromagnetic field that might negatively interfere with other electronic devices including medical equipment. A distance recommended by the medical equipment manufacturers between the phone and the implanted medical device such as a heart pacemaker should be observed. Users with implanted devices should get

familiar with and follow guidelines by the manufacturers of such implanted medical devices. Users with a heart pacemaker should not carry the phone in the breast pocket and should keep the phone next to the ear opposite to the medical device in order to minimize the risk of interference; in case of suspecting such interference, the phone should be switched off immediately.

- Never use the phone in hospitals, airplanes, refueling points or at proximity to flammable materials.
- Never repair nor modify the phone on your own; all repairs should be made by authorized service only.
- A device and its accessories might contain small parts. Keep the phone and all parts out of reach of children.
- Never clean the phone with any chemicals or corrosives.
- Never use the phone in proximity to credit and pay cards – doing so might cause data to be lost.
- Because of your own safety, do not talk on the phone while the charger is plugged in.
- The phone is not waterproof, do not expose the phone to water or any other liquid. Do not place the phone wherever it might get splashed by water or other liquid.
- Never expose the phone to either low or high temperature, direct sunlight, and high humidity. Never place the phone next to heating devices such

as radiators, heaters, ovens, furnaces, camp fires, barbeque, etc.

- Protect your hearing:



Prolonged exposure to loud sounds might damage your hearing. Listen to music at a moderate level, and do not keep the phone too close to an ear, while using a speakerphone. Lower the volume prior to using headphones.

21. Terms of Warranty

The phone is covered under the warranty; proof of purchase is necessary to use such warranty.

There is a fee for repairing phones damaged due to misuse, electrostatic discharge or lightning strike. Any attempts to fix or modify the phone by the User will void the warranty!

Above disclosures are for information purposes only.

22. 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 on the go, 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 charge. Get a new battery if you notice a significant drop in the battery performance.

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

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. Check battery installation for proper polarization.

Leaving the battery in excessively hot or cold places will reduce the battery life. The recommended storage temperature range 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.



The set contains a Li-ion battery. 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 INTO FIRE!

23. Protect Your Environment

The phone is marked in compliance with the European Waste Electrical and Electronic Equipment Directive of 2012/19/EU (WEEE) and the Polish Act on Waste Electrical and Electronic Equipment, and with the symbol of waste electricals.



Such a symbol tells us that the device, after use, must not be disposed of in the normal household waste stream.

Important: Never throw the device to municipal solid waste!!! The device should be utilized in authorized places only.

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

24. SAR Information

This telephone meets all international standards pertaining to the impact of radio waves. The device 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.

As recommended by ICNIRP, the border value of SAR for portable equipment is 2,0 watts per kilogram (W/kg). SAR value is determined at the maximum transmit power; the actual SAR value while the device 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 with the 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, not be hold the phone in proximity to head or body.

The highest SAR value in tests	
SAR – device next to head	0.307 W/kg (GSM900) 0.023 W/kg (GSM1800)
SAR – device next to body	0.654 W/kg (GSM900) 0.155 W/kg (GSM1800)

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.

25. Operating Frequencies and Radio Max Conducted Power.

System	Frequency Range	Max Conducted Power
GSM900	880.2MHz- 914,8MHz	32.77 dBm
GSM1800	1710.2MHz- 1788,8MHz	30.46 dBm
Bluetooth	2402-2480 MHz	4.73 dBm EIRP
Radio FM	87.5MHz - 108MHz	-

26. Declaration of Conformity

Maxcom S.A. states hereby that the following radio type device MAXCOM MM144 mobile phone is compliant with the European directive 2014/53/UE and the directive 2011/65/UE (RoHS)

To view the full text of Declaration of Conformity UE go to:

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

Some information as presented in this Manual might vary depending on the phone configuration. It depends on the installed software, service provider, and SIM Card. The Manufacturer reserves their right to modify a product and its features without prior notification about such changes.

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