

User manual
Mobile phone
Maxcom **MM828**



Note: the phone works in the network:

GSM 900/1800MHz

WCDMA 900/2100MHz.

LTE: 800/900/1800/2100/2500/2600MHz.

Before turning on, you must insert at least one SIM card correctly.

Please keep the receipt, it is an integral part of the warranty.

1. Contents of the set

Mobile phone

Charger

USB cable

Battery

User manual

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2. Technical data

Network	GSM 850/900/1800/1900 ; WCDMA:900/2100; LTE: B1/B3/B7/B8/B20
RAM + ROM	48MB+128MB
MicroSD card support	up to 32GB
SIM card (Dual)	Nano SIM+ Nano SIM
Main display	2.4" QVGA 240x320px
Camera	0.08Mpix
Battery	1200 mAh
Standby time:	approx. 130 hours*
Talk time:	approx. 4 hours*
Weight of the handset with battery	99.8g
Dimensions	105.2x55.1x17.9mm

*depending on conditions and network signal

2.1 Main functions:

- Large backlit keys

- Color display
- SOS button (Emits an alarm and automatically calls and sends SMS to previously defined numbers)
- Large font, can be enlarged
- Simple Menu
- Subject High contrast (yellow font)
- Hands-free function
- Phone book -2000 entries
- Function of sending and receiving SMS and MMS
- Memory favorite contacts (1-8)
- Speed dial (2-9)
- Call time display
- FM radio
- Dictaphone
- Audio file player (MP3/MIDI/WAV)
- Video player (3GP/AVI/MP4)
- Flashlight
- Calculator
- Alarm

2.2 Frequency range and maximum power of the device

System	frequency range	Maximum emitted power
EGSM 900	880.20-914.80MHz	32.14 dBm
DCS 1800	1710.20-178.80MHz	30.24 dBm
WCDMA Band I	1922.40-1977.60MHz	22.68 dBm
WCDMA Band VIII	882.40- 912.60MHz	23.75 dBm
LTE Band 1	1920-1980MHz	22.42 dBm
LTE Band 3	1710-1785MHz	22.16 dBm
LTE Band 7	2500-2570MHz	22.72 dBm
LTE Band 8	880-915MHz	22.95 dBm
LTE Band 20	832- 862MHz	22.47 dBm
Bluetooth	2402-2480MHz	7.09 dBm
FM radio	87.5MHz -108MHz	/

2.3 Charger

The external power supply for the phone complies with Commission Regulation (EU) 2019/1782

Model ID	Adapter UOF-L1K5-011A1-R
Input voltage	A C 1 00 - 240V
AC input frequency	5 0 /60Hz

Output voltage	DC 5.0V
Output current	0.5A
Output power	2.5W
Average efficiency during operation	74.84 %
Efficiency at low load (10%)	-
Energy consumption in no-load condition	0.0644W

3. Rules for safe use

Familiarizing yourself with the following rules will minimize the risk of improper use of your phone.

- You must not use the phone in areas where it is prohibited, e.g. gas stations or hospitals. Using your phone in such places may expose other people to danger. Do not turn on your phone if it may cause interference with other devices!
- Do not use your phone without the appropriate kit while driving.
- Do not use your phone in hospitals, airplanes, gas stations or near flammable materials.
- The phone emits an electromagnetic field that may have a negative impact on other electronic devices, including medical

equipment. Maintain the distance recommended by medical equipment manufacturers between the phone and an implanted medical device, such as a pacemaker. People with implanted devices should read the guidelines of the manufacturer of the implanted medical device and follow these instructions. People with a pacemaker should not carry their phone in their chest pocket, they should hold the phone to the ear on the opposite side of the body from the medical device to minimize the risk of interference and turn off your phone immediately if you suspect interference;

- The device and its accessories may contain small parts. Keep the phone and its components out of the reach of children.
- You are not allowed to make any repairs or modifications yourself. Any faults should be removed by a qualified service.
- Only original batteries and chargers should be used. The use of non-original accessories may damage the device or cause an explosion.

- **DUST-PROOF:** the phone is not dust-proof, do not expose it to dust, metal filings, etc., as this may cause it to malfunction.
- **WATER RESISTANCE** – the phone is not waterproof. Please keep it in a dry place.
- The phone must not be cleaned with chemical or corrosive substances.
- Do not use the phone close to payment or credit cards - this may result in loss of data on the card.
- For safety reasons, do not talk on the phone with the wall charger connected.
- The device must not be exposed to low or high temperatures or direct sunlight. Use your phone at temperatures between 0°C and 40°C.
- The device must not be placed near a heating installation. e.g. radiator, radiator, oven, central heating stove, fireplace, grill, etc.
- Store the device at a temperature between 0 °C and 40 °C.
- Protect your hearing



Long - term exposure to loud sounds

may lead to hearing damage .

Listen to music at a moderate level and

do not hold the device close to your ear when using the speaker. Before connecting headphones, always reduce the volume . _____

- If the device does not work properly, have it repaired at the nearest authorized service center or file a complaint with the seller. The manufacturer is not responsible for defects caused by the user as a result of improper use or non-compliance with the operating instructions.

4. Installation of elements

Before turning on your phone, you must install at least one SIM card. Be careful not to damage the card when inserting it.

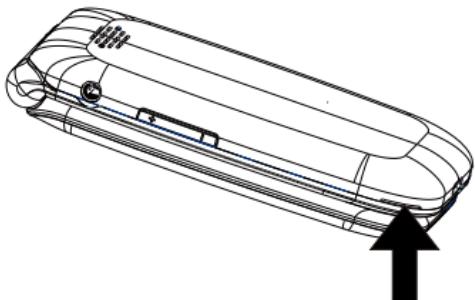
Keep SIM cards away from children.

4.1 Installing the SIM card, memory card and battery

The phone is intended for use with Nano SIM cards only . Using other SIM cards may damage the card or phone

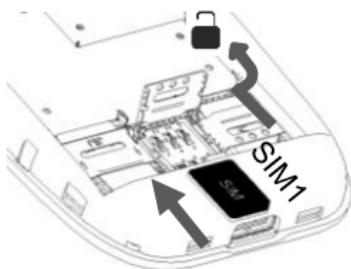
Before inserting the SIM card, make sure the phone is turned off. The charger should be disconnected.

- With the phone turned off, pry the battery cover from the bottom with your fingernail

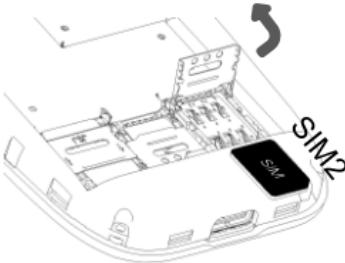


- Remove the battery by prying it with your fingernail from the top of the phone (if installed)
- Slide the SIM slot pin up and open it
- Insert the SIM card into the "SIM SOCKET" with the metal contacts facing down. Make sure that the cutout on the card faces the bottom of the phone.

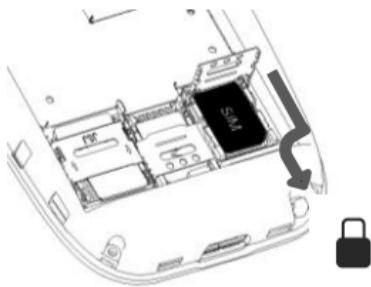




sliding it down

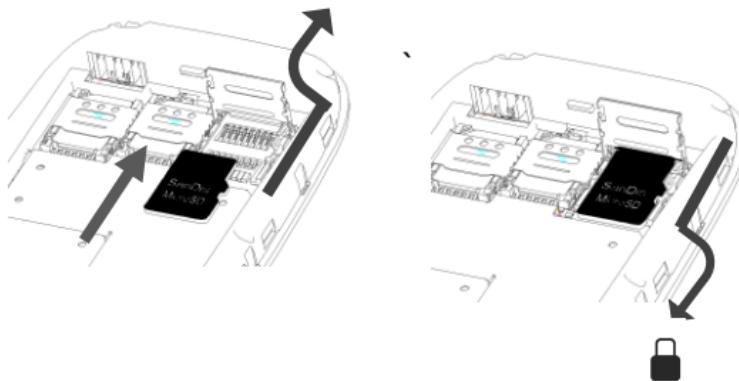


- Close the pin by



Optionally, install a microSD memory card. The MicroSD memory card slot is located next to the SIM card slot 1,

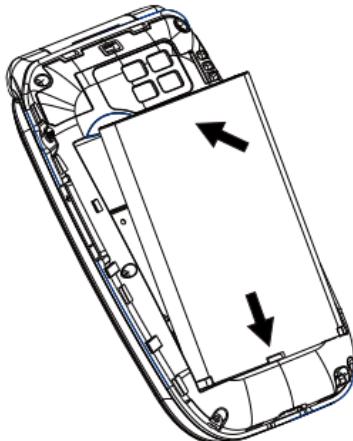




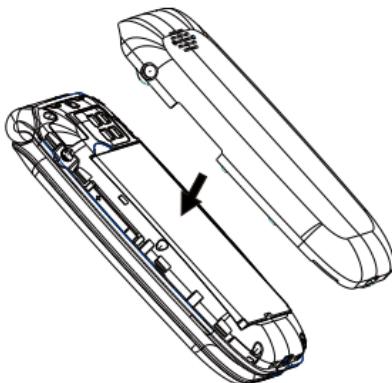
Be careful when using the memory card, especially when inserting and removing it. Some memory cards require formatting with a computer before first use.

Regularly back up the information on your cards to other devices if you use SD cards! Improper use or other factors may damage or lose the contents of the cards

- Insert the battery with the metal +/- contacts facing down the phone.



- Place the battery cover on top and gently press it around the edges.



5. Battery charging

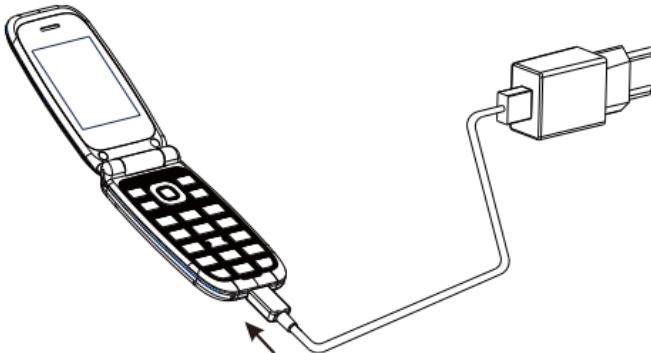
Attention! Please use the battery included in the set. Using another battery may damage the phone and will void the warranty.

Do not connect the charger when the back cover is removed.

To charge your phone:

1. Plug the charger into an electrical outlet.
2. Connect the charger plug to the socket at the bottom of the phone. The display will show information about connecting the charger, the battery symbol will start flashing.

3. When the battery is fully charged, disconnect the charger from the electrical socket and then disconnect the cable from the phone.



When the charging process is completed, the battery symbol on the display will stop flashing and the red battery indicator will stop flashing.

Attention : Before starting the charging process, make sure the battery is installed correctly.

- Do not remove the battery during the charging process - you may damage the phone.
- If the battery voltage is too low for the phone to function properly, a warning message will be

displayed and the phone will automatically turn off.

- If the battery is completely discharged (e.g. by leaving the radio or flashlight on), after connecting the charger, wait several minutes before the display turns on and the charging symbol appears.

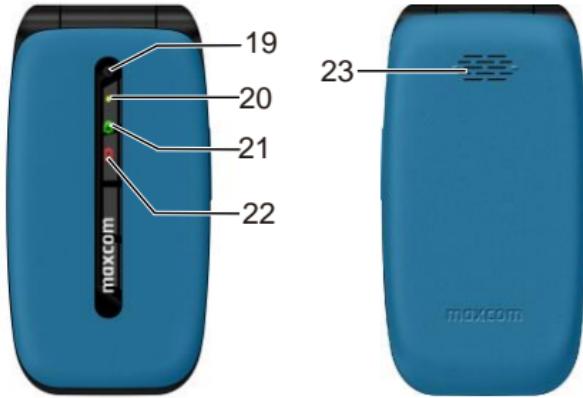
5.1 Low battery alarm

Charge the batteries when the battery level gets too low (when the empty battery symbol appears on the screen )

The phone alerts you about a low battery with a sound signal (if warning sounds are enabled in the profile) and a red notification LED (if enabled).

6. Button location





1	Call loudspeaker	
2	Display	
3	Navigation key up Down left right	In Menu: press UP/DOWN LEFT/RIGHT to scroll through options or functions; switch settings. In standby: UP - shortcut to contacts DOWN - shortcut for DUAL SIM settings to the LEFT - shortcut to a new SMS message

		to the RIGHT – shortcut to Profiles
4	OK key	In standby: OK - main menu In Menu: Press OK to select the highlighted item Consistent with the description on the display, add a contact (to an SMS message), take a photo
5	LKF (left function key)	Function as described on the display
6	PKF (right function key)	Function as described on the display
7	Call key	Short press: make/answer calls; in standby mode, entry to the call log;
8	End call key	Short press: return to standby; ending the call. Long press: turn the phone off/on
9	Favorite contacts	It allows you to save your most frequently used contacts and dial quickly

10	SOS key	Holding will activate the alarm procedure. It will call the defined number and send an SMS
11	Camera	Camera turn on button, In camera mode, press- will take a photo/start recording a video
12	Number keys * #	1- Short press: digit 1 Long press: voicemail 3 to 9 Short press enter the corresponding digit Hold: dials a programmed speed dial number Entering characters: *, +, P, W. When writing an SMS: special characters k short press : text entry mode when writing SMS; in standby mode - entering the # character Hold #: Switch mode: silent/meeting/normal

		1-Short press: number 0 Hold: Turn on and turn off the flashlight While typing: space
	0 key	
13	Microphone	
14	Lanyard holder	
15	USB-C socket (charging)	
16	Opening the battery cover	
17	Headphone jack	
18	Volume down/up key	
19	Camera lens	
20	Flashlight LED, incoming call indicator	
21	Missed call/unread message indicator	
22	Charging/low battery indicator	
23	Ringtone speaker	

7. Telephone use

7.1 Turning on the phone

Press and hold the end call button to turn on the phone.



The battery cover must be closed properly and
If you are asked for a PIN code, you must enter it.
You will find it in the SIM card starter kit.

After entering the code, confirm with OK and select
the phone's MENU language.

Warning: Entering an incorrect PIN three times in a
row will block your SIM card.

It can be unlocked using the PUK code. Entering the
PUK code incorrectly 10 times will block the SIM
card.

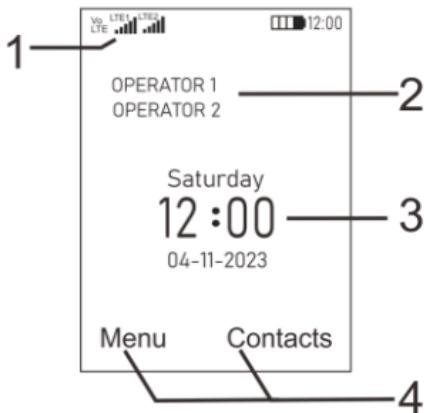
7.2 Turning off

To turn off the phone, press and hold the end
button



7.3 Standby mode

When the phone is turned on but no operations are
performed, it is in **standby mode**.



1. Icons showing functions:

	Network signal		No SIM card/SIM card error
	No services		Lack of coverage/
VO LTE	VoLTE service active	LTE ¹	LTE coverage
3G ¹	3G coverage	G ¹	2G coverage
	Airplane mode		A missed call
	New SMS/ MMS		Bluetooth enabled

	Vibration only (meeting profile)		Muted (silent profile)
	Active profile "Outdoors"		Roaming active
	Alarm active		Call forwarding enabled
	Headphones connected		Flashlight on
	HAC mode enabled		Battery full
	Battery low		Battery discharged
Icons may vary depending on software version If the bar is full, some icons may not appear		* The icon may also appear during national roaming when the subscriber uses the network of another operator	

2. Operator name (SIM1 SIM2 card operators)
3. Time and date
4. Description of function keys

8. MENU operation

To enter the MENU, press the Left function key (LKF) in standby mode .

To navigate through the MENU, use the UP/DOWN/LEFT/RIGHT navigation keys.

To confirm the selected function, press the middle OK button

To return to the previous MENU (back), press the right function key (PFK).

To switch to standby, press the end call key

9. Entering text

To write text, press the appropriate key until the desired letter is displayed.

Spacebar – press the 0 key.

Period, comma and other characters – press the 1 key several times.

To enter a symbol or special character, press *.

To enter a number, press and hold the number key.

To change the text entry method, press the "#" key
PI - letters with Polish characters , a capital letter after the dot

pl - lowercase letters with Polish characters

PL - capital letters with Polish characters

123 – digits

To select an entry method without Polish characters, select the English spelling language, then the following options will appear under the "#" key

Abc - letters without Polish characters, a capital letter after the dot.

abc - lowercase letters without Polish characters

ABC - capital letters without Polish characters

10. Phone book

10.1 Adding contacts

You can save a new contact in one of several ways:

1. In standby mode, select the desired number, press Options > Add to contacts, press OK, select where you want to save (as a new contact, or add the number to an existing contact, select memory (Phone or SIM) and enter the contact name.
2. In a similar way, you can save a number from the list of missed and received calls. To do

this, in standby mode, press the call key, select the number you want to save, select: Add to contacts and proceed as above

3. You can add a new contact in the phone book menu. To do this, in standby mode, press the right soft key and then Options > New > OK . Select where you want to save the contact. Enter the name of the contact, then use the Down key to move to the number field, enter the number and press >Save .

If you have chosen the option to save the contact on your phone, you can add a photo, an additional number, assign it to a group, or change the ringtone.

10.2 Browse contacts

1. Enter the MENU and select Contacts or in standby mode, press PKF .
2. Enter the first letter of the name you are looking for.
3. The phone will go to names starting with this letter. You can scroll through the list with the navigation keys UP AND DOWN.

"#" key you can change the text entry mode

10.2.1 Contact groups

If the contacts are saved on the phone and not on the SIM card, you can manage contact groups.

Select contacts>Group (right key)>Options to assign a ringtone to a group, send a message to people in a given group

10.3 Edit a contact

To change the number or name of a contact, select the contact you want to edit and then: OK>

Options->Edit. Select whether you want to change the number or name, enter the changes. Confirm by pressing OK>Save.

10.4 Deleting contacts

10.4.1 Deleting a single contact

If you want to delete a contact from your phone or SIM card, do the following:

1. In the MENU, select Contacts.
2. Select the contact you want to delete, press Options>Delete.
3. Press OK to confirm.

10.4.2 *Deleting several contacts*

If you want to delete several contacts from your phone or SIM card, follow these steps:

1. In the MENU select :
Contacts>Options>Delete several
2. Select the appropriate contact and then use the OK key to select/deselect contacts
3. Then select Options>OK>OK.

10.4.3 *Delete all contacts*

If you want to delete all contacts from your phone, do the following:

1. Select: Contacts>Options> Delete several
>Options >Select all>Options>OK
2. Confirm by pressing Options > OK.

10.5 *Copying and moving contacts*

To copy/move contacts from the SIM card (SIM1 or SIM2) to the phone, or from the phone to the SIM1 or SIM2 card:

1. Select : MENU->Contacts->Options->Copy , and then select where you want to copy the contacts from (from the phone, SIM1 or SIM2) and where (to the phone, to SIM1, to SIM2).

Select the contacts to be copied using the OK key and then press Options->OK.

10.6 Speed Dial

Numbers can be assigned to keys 2-9, and when you hold down the appropriate key in standby mode, a call will be made to the saved number.

In the MENU select:

Contacts>Options>Other>Speed dial>OK

Select which key you want to assign a number to
Press OK

Enter the number or select a number from your contact list by pressing LKF>OK to save

Press OK again.

10.7 Own number

This option allows you to enter your own phone number

In the MENU, select >Contacts >
Options>Other>Own number

10.8 Service numbers

The option allows access to numbers saved on the SIM card by the operator *

In the MENU, select > Contacts> Options>Other>Service numbers.

*Depending on the operator's SIM card

10.9 Memory status

The option allows you to check the memory status of the SIM card and phone.

In the MENU, select > Contacts> Options>Other>Memory status

11. Make and receive calls

11.1 Direct dialing

1. Enter the phone number you want to call
2. Press the call key to call the  selected number

To end the call, press the end call key .



For international calls, it is required to enter "00" or "+" before the number. To enter "+", press the " " key twice.*

To enter a pause, press " *" and select P

To enter the extension number, press " *", select W, and then enter the extension number. After

connecting to the control panel, confirm the extension number with LFK "Send"

11.2 Dialing a number from the phone book

In standby state, press PKF to enter the phone book. Use the UP/DOWN buttons to select the correct contact, press the call key .

If you want to quickly go to a contact starting with the letter U, for example, press the 8 key twice with the UP/DOWN keys, highlight the desired contact and press the call key .

11.3 Dialing numbers from the list of recent calls

Press the call key when the phone is in standby to access the list of recent calls. Use the UP/DOWN keys to navigate through the call list. Use the Left /Right keys to switch lists: Missed/Dialed/Received/Rejected

Press the call key to make a call.

Attention. The extension number (entered after W) is not remembered

11.4 Simple dialing

If you have previously assigned contacts to keys 2-9 and (see Speed Dial10.6), in standby mode, press and hold the appropriate key to make a call

11.5 Favorite contacts

You can  assign 8 favorite contacts using the key.

To add a contact to your favorites, it must be previously saved in the phone book.

The icon in your favorites will change to a photo if the contact is saved with a photo on your phone

To dial a number, simply press the key in standby mode, select the  appropriate icon and press the call key.

11.6 Change the call volume

During a call, press the Up or Down key on the right to increase or decrease the call volume.

11.7 Options during a call

During an ongoing call, use the navigation keys to:

- Switch to hands-free/telephone mode

- Contacts/keypad: allows you to make another call

- Hold: puts the call on hold

- Record: enables call recording
- Turn off/on the microphone

Press MENU to enable additional functions:

- Connect to headset: can switch to call via Bluetooth headset
- Volume: allows you to increase or decrease the call volume.
- Contacts: allows you to enter Contacts, e.g. to check the number
- Call log: allows you to check your call log
- Messages: allows you to check received/saved messages

11.8 Answering calls

To answer an incoming call, press the call key.

To reject an incoming call, press the end key or close the flip.

11.8.1 Answering a call by opening the flip

You can set calls to be answered by opening the flap

MENU>Settings>Calls>Other>Answer the call by opening the flap

12. Call list

To enter the call log, enter the main MENU and select Call log , then select:

Missed calls (to view missed calls) . .

Dialed (to display dialed numbers).

Received calls (to view received calls)

Rejected calls (to view calls that have been rejected)

Delete All (to remove all connections from the registry)

Call times – option showing the times of individual calls,

Data service counter – shows the amount of data sent and received for individual SIM cards

Note: To view the call log, simply press the call key in idle status .

Colored symbols indicate the type of connection

To view additional options, select LKF:

- **S details** , displays the details of the call

- **Call** , connects to a given number

- **Write a message** , allows you to send an SMS or MMS

- **Add to contacts** , allows you to save the number in your phone book
- **Add to blacklist** , allows you to block unwanted calls and text messages
- **Delete** , deletes the item
- **Delete all** , removes all items from the given registry

Once you have selected the correct call, press OK to see when the number called

13. SMS and MMS messages

The phone allows you to send and receive SMS text messages and multimedia MMS. When the icon appears on the screen,  it means that there is at least one unread message. Additionally, a flashing LED indicator (if enabled) indicates that the SMS message is unread.

To enter the **SMS messages MENU**, in standby mode, select MENU and then select

Messages>Inbox. When your inbox is full, you will see a message saying your message memory is full. Delete messages from your inbox to resolve the issue.

13.1 Writing and sending text messages

1. In the Menu, select Messages
2. Select Write message
3. Add a contact from your phone book or enter the desired number
4. Press the DOWN key to go to message entry, enter your message.
5. Press OK (Send)

If you want to send a message to several people, when entering the number, add another number after a semicolon or add numbers saved in the phone book.

To save the message, press Options > save as message. draft (the message will be saved in the Drafts folder).

Press Options>Add to insert information about a contact saved in the phone book, add a photo, add an emoticon, insert a template, etc.

13.2 Reading and replying to text messages

When the unread message icon appears on the display or you want to read received messages, select in the MENU:

Messages>Inbox>Search for the desired message

Press the middle OK key to read the message

While reading, you can use additional options

- Delete (deletes the message)
- Reply via SMS/MMS
- Forward (allows you to forward the message to another recipient)
- Call (call sender)
- Move (moves the message to the SIM/phone)
- Add to contact (allows you to save the number in your phone book)
- Details (date, message arrival time, storage memory)

13.3 Inbox

Shows received messages, sorted by date received.

	Unread message (saved in phone)		Unread message (saved on SIM1 or SIM2)
	Message read (saved in phone memory)		Message read (saved on SIM1 or SIM2)
	Unread MMS (pink)		Read MMS (pink)

Icons may vary depending on software version.

UP and **DOWN** keys to move around the inbox . To view additional features, press "Options" while viewing your inbox:

- Reply: write an SMS/MMS to the sender
- Delete: deletes the message
- Delete All: Deletes all messages from your inbox
- Call (call sender)
- Block (blocks before deleting messages)

- Move (to move to the SIM card memory or phone memory)
- Mark (e.g. to delete more messages)
- Sort (sorts by date, contacts, MMS topics, MMS/SMS types)
- Add sender to contact (allows you to save the number in your phone book)
- Delete same number (deletes messages from a given number)

13.4 Outbox

If the message failed to send, it will be saved in the outbox.

13.5 Drafts

You can save unsent messages in the "Drafts" folder. To do this, write your message and select Options>Save as draft message.

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

13.6 Items shipped

If you use the Save sent messages option, they are saved in the "Sent" folder.

UP and **DOWN** keys to move around the inbox .

13.7 Templates

The Templates box contains ready-made SMS messages that you can quickly use. If necessary, you can edit the ready-made template for your own needs.

13.8 Network News

Select: Messages>Broadcast messages>OK>Options>Settings to enable/disable receiving broadcast messages, add a channel, select a language

13.9 voicemail

Voicemail is an operator service that allows you to leave voice reminders for callers. To find out more, please contact your operator. If you would like to change your voicemail number in the MENU select: Messages>Voicemail server

You may receive your voicemail number from your service provider. To connect to your voicemail, just hold down the 1 key

13.10 Deleting messages

To delete a selected message, go to options and select "Delete".

13.11 Message settings

Enter the MENU and select:

Messages>Options>Settings, and then use the Left/Right keys to select settings.

13.11.1 SMS

- SIM
 - **Message center: Number** loaded from the SIM card
 - **Validity period** : Allows you to set the validity period of the SMS messages
 - **Delivery report** : You can set your phone to receive a message that your text message has been delivered to the sender (network service)
 - **Response path** : allows you to enable/disable the response path
 - **Save sent messages** Allows you to enable/disable saving sent messages
 - **Preferred memory**

Allows you to choose whether messages are saved on the phone or on the SIM card

- **SMS export**

It allows you to add and export SMS to a file

- **Auto signature**

It allows you to automatically add a signature to sent messages

- **Signature**

Allows you to edit and save the signature automatically added to the message

13.11.2 MMS

- **SIM MMS account** – allows you to set APN access points

- **Save sent MMS**

Allows you to enable/disable saving sent MMS messages

- **Receiving options** : allows you to set MMS downloads in the country and when roaming, receiving advertisements, receiving delivery reports

- **Sending options** : allows you to set the validity period, priority, delivery report

- **Paragraph memory** : allows you to choose where to store your messages
- **Playing sounds** : enables/disables the ability to play sounds
- **Restore defaults** - restores MMS settings by default

13.11.3 Push messages

Push notifications are short messages displayed on the phone screen.

In the menu You can accept the display of push messages

13.12 Phone capacity

Allows you to check the memory available and used by messages

14. Multimedia

14.1 Video recording

To turn on the camera, select in the MENU: Multimedia>Camera. To set recording options, press LKF.

Recording starts after pressing the middle OK button

To pause recording, also use the OK key. To end recording, press LKF.

To switch to photo/video and select other options use the Left/Right/Up/Down navigation keys

To use the camera functions, it is recommended to install a MicroSD card (not included) and set saving to the memory card

Options > Settings > Preferred storage > Memory Card

You can transfer photos and videos taken with your phone to your computer.

14.2 Audio player

Select >Audio in the MENU

Using the audio player, you can play recorded sound files. To start or pause playback, press OK.

You can move between the previous and next recording using the left/right keys

Press LKF to view additional options

You can adjust the volume using the Up/Down keys.

The phone plays the following file formats: MP3, WAV, AMR

14.3 Video player

Select in the MENU: Multimedia>Video. Using the video player, you can view previously shot videos. Select the correct recording using the left/right keys. To start and pause playback, press the OK key.

To rotate the image, press the 2 key

You can find more options by pressing the LKF key and the # key

The phone plays AVI, MP4 and 3GP files

14.4 Photo viewer

In the MENU, select: Multimedia>Photos

You can see the photos you took earlier.

To store more photos, install a Micro SD memory card.

When using the **Photos function** , select the desired photo using the Up/Down/Left/Right buttons

Press OK to open the photo

Press LKF to view additional options

The phone plays the following file formats: png, jpg, gif

14.5 Dictaphone

You can record music or ambient sounds.

- Select in the MENU: Multimedia >Dictaphone
- To start or pause recording, press **OK** .
- To end recording, select the right soft key.
- Select **Options** to delete the recording or make appropriate voice recorder settings,

15. Accessories

Select: MENU>Add-ons

15.1 Alarm (button)

Select: Extras >Alarm

You can set three independent alarms on your phone.

Select the appropriate alarm and press OK to enter editing

To set the alarm time use number keys,

You can change the alarm ringtone and repetition

To activate/deactivate an alarm, press LKF (ON/OFF) on the appropriate alarm

If the alarm goes off, press LKF to turn off the alarm. Press PKF to turn on the snooze function, the alarm will sound again in 5 minutes.

If the phone is turned off, the alarm function will continue to function if the battery status allows it

15.2 Bluetooth

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

Menu > Extras > Bluetooth

In the Menu you can select options:

Bluetooth	Turn Bluetooth on or off
Visibility	Turn on so others can find your phone
Devices paired	Devices you have connected to before Here you can search and add a new device
device name	Choose what you want your device to be called

Storage	Select the memory where the transferred files are to be saved: phone / memory card
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15.1 Flashlight

The flashlight can be turned on/off by pressing and holding the 0 key in standby mode or via Menu > Extras > Flashlight > OK

15.1 Calculator

To turn on the calculator, in the MENU select : Tools >Calculator. The following mathematical operations are possible: addition, subtraction, multiplication and division.

Enter the first number using the 0-9 keys, then use UP/DOWN /LEFT/RIGHT to select the action and enter the second number, press OK to see the result.

15.2 Calendar

Select in MENU > Extras > Calendar

A calendar can remind you of an important event or task.

To move between individual days, use the Up/Down/Left/Right keys

Press LKF (Options) for additional options:

- Add a task: you can enter a subject, change the date, time, turn on the alarm, and change the repetition mode (to change, press the OK key).
- View tasks: allows you to see the tasks saved for the day.
- All tasks: allows you to see all your saved tasks.
- Delete Today/Clear All: allows you to delete tasks,
- Go to date: enter the date you want to go to.
- Week view/Day view switches the calendar view.

15.3 Unit conversion

Select in MENU > Extras > Unit conversion

It is possible to convert some units of weight or length

Use the Up/Down/OK keys to select the unit, the numeric keys to enter the value

15.4 File manager

Select in MENU > Extras > File list

Use the Left/Right keys to select the phone memory/memory card

Press LKF to view additional options

15.5 Games

Select in MENU> Add-ons >Games

The phone has several games built-in

To view the game description, select Support. In games, move using the navigation and numeric keys,

15.6 Internet

To enter, select: Menu > Extras >Internet

There is a universal web browser for browsing websites on a mobile device.

The device has implemented settings of the 4 largest national operators. If the client uses other services, go to the showroom or go to the website of this operator and in the MENU:

Settings>Network>APN access points enter appropriate settings for Internet and MMS.

15.7 SIM Services (STK)

Regardless of the functions of the phone itself, the SIM card can offer additional services. The name and functions of this menu depend on the type of services available.

Press LKF to view additional options

16. The camera

The phone can take photos and record video.

To turn on the camera, select in the MENU: Camera. Once turned on, you will see an image on the screen. The camera is equipped with digital zoom (magnification). To zoom in on the photographed item, press the Up button, to zoom out press the Down button.

To change the photo size, press the 3 key

To change options press LKF, >More options using the Left/Right keys you can select additional options, change them with the up/down key and confirm the selection with the OK key

To take a photo, press the center key OK or .
The  photo will be saved automatically.

17. SOS key

You can enable or disable the SOS button. To do this, select Menu >SOS ->SOS Status>Enable/Disable.

17.1 Emergency call

You can set five emergency numbers. After pressing and holding the SOS button, the SOS function will be activated. The phone will trigger an alarm (if enabled), send an alarm SMS (if enabled in SOS options) and automatically call pre-defined emergency contacts one by one. There will be three attempts to call each set contact. The phone will call the next contact when it fails to connect to the previous one.

If one of the emergency numbers receives a call, the phone will turn on the speakerphone and complete the SOS procedure.

If no contact answers the call, the red SOS icon will flash on the screen (it will disappear after holding the SOS key or after making a call)

You can cancel the SOS procedure by pressing the end call key.

Remember! If you receive a voicemail while trying to make an emergency call to a given number , the phone will assume that the call has been established and the SOS procedure will end.

17.2 SOS contacts

You can dial up to 5 emergency numbers. To quickly set an emergency contact, go to the main menu > SOS -> SOS contacts. Select which item you want to change, press the left soft key Options>:

Add from contacts: Search for a contact from the list and press "OK".

17.3 SOS message text

You can change the text of the SMS message that is sent in the alarm procedure. By default, the text is: "Alarm SMS! Call me!". To change the content of your SOS message, select: Menu > SOS > SMS SOS. Enter the correct text and press OK.

You can enable or disable sending SOS messages in emergency mode. To do this, select Menu > SOS > SOS message status > Enable/Disable.

17.4 Disabling the SOS alarm

You can turn on/off the alarm sound when making an SOS call. To do this, select Menu > SOS > SOS Alarm > Enable/Disable.

18. FM radio

The phone has a built-in FM radio receiver.

NOTE: Reception quality varies depending on where you are. Many external factors influence the reception of radio stations and may cause poor reception quality, but this is not a basis for a complaint about the product.

To turn on the radio, select in the MENU: FM Radio. To turn the radio on/off, press the OK key.

- To search for channels, press Options>Automatic search
- To select a given channel, select

Options>channel list>OK

You can select a saved channel from the numeric keypad Keys 1 – 9: e.g.

CH1 (88,4) select keys 0 and 1 in turn,

CH23 (102,2) select keys 2 and 3 in turn

Button functions during radio playback:

- Middle OK button: radio on/off
- Right: next channel
- Left: previous channel
- Top: louder
- Down: quieter
- End call key: return to the Main Menu (radio plays in the background)
- PKF (Back) - return to the previous MENU (radio off)
- LKF (Options) - Radio settings

To enable radio playback from the loudspeaker (with a headset connected), select the external loudspeaker in the FM Radio settings.

19. Settings

19.1 Profiles

MENU>Settings>Profiles

The phone has several profiles with which you can quickly adapt the phone to various situations. You can activate and customize each profile according to your needs. The available profiles are: Normal, Silent, Meeting, Indoor, Outdoor,

- To select a profile, press OK
- To edit, press: Options>Settings

you can change:

- Name
- Ringtone (separate for SIM1/SIM2)
- Ringer volume
- Ringtone type (Ringtone only, Vibrate only, etc.)
- Other sounds (key tone, low battery alert, phone tone, dial tone, flip open/close)

In standby mode, press and hold the # key to switch profiles: silent/meeting/normal

19.2 Phone settings

MENU>Settings>Phone

19.2.1 Date and time settings

To set the date and time, select in the MENU:

Settings>Phone>Time and date.

"Set time/date" to enter the time and date. Use the Up/Down keys to move between the date and time, and use the 0-9 keys to enter the date and time.

You can also set the time format (12h or 24h) and date format

If the battery is removed from the phone, after reinserting it you must set the date and time (if the phone does not receive data from the GSM network or auto update is disabled).

19.2.2 Tongue

MENU>Settings>Phone>Language

Allows you to change the phone menu language. If you accidentally set a foreign language, to change to the correct one, in standby mode press:

-LKF

1x Mountain

- APPROX

- 1x DOWN>OK

- 1x DOWN>OK>OK

select the correct language and press OK.

19.2.3 *Spelling language*

MENU>Settings>Phone>Spelling language
You can set the default text input method.

19.2.4 *Setting shortcuts*

MENU>Settings>Phone>Shortcut settings
You can change the default shortcut settings for
the UP/DOWN/LEFT/RIGHT navigation keys

19.2.5 *Automatically turn on and turn off your phone*

MENU>Settings>Phone>Automatic on/off
You can set what time and on what days the
phone will automatically turn on/off.

Attention. If you protect your phone with a
password or PIN, you must manually enter the
password/PIN to log in to the network.

19.2.6 *Battery saving mode*

MENU>Settings>Phone>Energy saving mode.
You can set the battery saving mode. Depending
on the settings and battery level, the mode will turn
on automatically and disable some options

19.2.7 Restore factory settings

With this option you can restore factory settings.

Select in the MENU:

Settings>Phone> Restore settings. factory settings, then enter your security password.

Finally, confirm with OK .

The default security password is: 1234

19.3 Network settings

MENU>Settings>Network

- APN access points: you can obtain the correct configuration from your operator. Some operators allow you to configure your phone remotely.
- Data connection : allows you to select whether to establish a data connection
- Data roaming: allows you to select whether your data connection is established while roaming
- Mobile data: you can choose which card to use for data connection.
- Network selection: you can select your operator manually or automatically.

- Network type: you can select your preferred LTE/3G/2G network connection type
- VoLte calling: you can enable or disable making calls via LTE

ATTENTION! The options are intended for advanced users. Changing the settings incorrectly may lead to deterioration of the quality of services or the inability to make calls.

19.4 Call settings

MENU>Settings>Connections

19.4.1 *Dual SIM*

MENU>Settings>Connections>Dual SIM

You can choose which card(s) are to be active, the name of the SIM card and which SIM card is to be set to reply by default.

19.4.2 *Call forwarding*

This is a network service. If your operator offers this service, you must configure it appropriately. The user can set incoming calls to be forwarded

directly to voicemail or another number of your choice.

1. To set up the Call Forwarding service, enter the MENU: Settings>Calls>Call Forwarding
2. Then select when you want to forward calls from the available list:

Unconditional (Forwarding all incoming calls to the selected number),

When busy (Forwarding incoming calls when you are currently on a call),

When he doesn't answer (Forwards incoming calls when you don't answer the phone),

When unreachable (Forwards calls when your phone is turned off or you are out of range),

Cancel all transfers.

3. Press **Turn on** and enter the number you want to forward calls to to activate the service or **Turn it off**, to disable the service.

To check the currently selected service status, select an option **Check the status**

19.4.3 *Call waiting*

This is a network service. If your operator offers this service, you must configure it accordingly.

After entering the MENU, select:

Settings>Calls>Call waiting you can check the availability status and choose whether you want to activate this function.

If call waiting is turned on and the user is on a call, each subsequent incoming call will be signaled by the second call's tone. It is possible to answer the second call and put the first one on hold.

19.4.4 *Call blocking*

This is a network service.

If your operator offers this service, you must configure it accordingly. This feature allows you to block various types of calls.

1. Enter the MENU to:

Settings>Calls>Call blocking

2. From the list, select the type of calls you want to block. You can block all outgoing calls, all incoming calls, international calls, roaming calls

19.4.5 Presentation of the issue

Enter the MENU to:

Settings>Calls>Number presentation

This is a network service. If your operator offers this service, you must configure it accordingly. This feature allows you to hide your own number during a call.

Select "Hide number" or " Show number"

"Determines network", and press "Ok".

19.4.6 Other settings

Enter the MENU to:

Settings>Connections>Other

You can set:

- Call duration reminder.
- Automatic redial when busy.
- Vibrate when connected.
- SMS reply after rejecting a call
- Automatic call recording
- Answer a call by opening the flip

19.5 Display settings

MENU>Settings>Display

You can set:

- wallpaper,
- Displayed functions in standby state
- phone saver
- display contrast
- display backlight time
- keyboard backlight time

19.6 Font size

MENU>Settings>Font size

You can choose the font size that suits you for menus, messages, contacts, etc. There are 3 sizes available.

19.7 High contrast MENU

MENU>Settings>Menu appearance>Yellow font

An additional Menu appearance is installed in the phone, which changes the graphic design of the phone to make it easier to read.

19.8 Security settings

MENU>Settings>Security

19.8.1 *PIN security*

You can enable/disable the PIN code request when starting the phone and change the PIN code

19.8.2 *Change PIN2*

You can change your PIN2 code if you have it. Not all operators make it available.

19.8.3 *Phone lock*

You can enable phone lock. When you turn on your phone, you will need to enter the lock code. The default code is 1234.

19.8.4 *Change your phone password*

You can change the phone lock code

19.8.5 *Privacy protection*

You can protect access to a particular Menu. The security code is your phone's lock code.

19.8.6 *Fixed dial number*

Numbers - fixed: service available after being made available by the operator. PIN2 required.

19.8.7 Black list

MENU>Settings>Security >Blacklist

When the option is activated and selected numbers are added to the blacklist, the phone automatically rejects the call or SMS after receiving a call from such a number (depending on the setting)

19.9 Notification LEDs

MENU>Settings>Notification LED

You can turn light notifications on or off:

1. Charging (red diode)
2. Incoming call (white flashlight)
3. Missed call (green LED)
4. Unread SMS/MMS message (green diode)

19.10 Software update

To check for updates, select MENU >Settings >Check for updates

Data transmission must be enabled (MENU > Settings > Network > Data transmission)

If data transmission is turned on, the phone can be constantly connected to the Internet and automatically check for updates. In order to avoid

additional costs, it is recommended to use additional data packages or tariffs available from the Operator.

20. Airplane Mode

To enable airplane mode (mobile network services disabled), select

MENU>Settings>Calls>Dual SIM>Standby mode>Airplane mode

21. Connection to a computer

You can connect your phone to your computer using a USB cable, so you can copy and move files between your phone and computer

Connecting:

- insert the USB cable into the phone
- connect the other end of the cable to the port on your computer

The phone screen will display the following message:

Landing

USB storage (USB drive

Data transmission

Select USB storage to browse folder contents

22. Battery information

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

The operating time of the phone depends on various operating conditions. The shorter work time is significantly influenced by how far we are from the relay station and the length and number of conversations. While moving, the phone constantly switches between relay stations, which also has a significant impact on the operating time.

After several hundred charging and discharging times, the battery naturally loses its properties. If you notice a significant loss of performance, please purchase a new battery.

Only use batteries recommended by the manufacturer. Do not leave the charger connected for longer than 2-3 days.

Do not keep the phone in places with excessive temperatures . This may have a negative impact on the battery and the phone itself.

Never use a battery with visible damage. This may result in a short circuit and damage to the phone. The battery must be inserted according to polarity.

Leaving the battery in places with excessively high or low temperatures will reduce its service life. The battery should be stored at a temperature of 15°C to 25°C. If a cold battery is inserted into the phone, the phone may not function properly and there is a risk of damage.

The set includes a battery

Li-ion. Used batteries are harmful to the environment. They should be stored in a specially designated point, in an appropriate container, in accordance with applicable regulations. Batteries and accumulators must not be disposed of as municipal waste, they should be taken to a collection point.

DO NOT THROW BATTERIES OR ACCUMULARS INTO FIRE!

23. Information regarding environmental protection

Note : this device is marked in accordance with



European Directive 2012/19/EU and the Polish Act on waste electrical and electronic equipment with the symbol of a crossed-out waste container.

Such marking informs that this equipment, after its period of use, cannot be disposed of with other household waste.

Note : this equipment must not be thrown into municipal waste!!! The product should be disposed of through selective collection at points prepared for this purpose.

Proper handling of waste electrical and electronic equipment helps to avoid consequences harmful to human health and the natural environment resulting from the presence of hazardous components and improper storage and processing of such equipment.

To enable recycling of materials used in the production of phone packaging, follow the materials sorting rules established locally for this type of waste.



The set includes a Li-ion battery. Used batteries are harmful to the environment. They should be stored in a specially designated point, in an appropriate container, in accordance with applicable regulations. Batteries and accumulators must not be disposed of as municipal waste, they should be taken to a collection point.
DO NOT THROW BATTERIES OR ACCUMULARS INTO FIRE!

24. SAR information

This model meets international guidelines for exposure to radio waves. This device is a transmitter and receiver of radio waves. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include a safety margin to ensure the protection of all persons regardless of age and health. These guidelines use a unit of measurement called Specific Absorption Rate (SAR).

The ICNIRP SAR limit for portable devices is 2.0 W/kg. The SAR value is measured at the highest transmitting power, the actual value when the device is operating is usually lower than the level indicated above. This is due to the device's power level automatically changing to ensure that the device uses only the minimum required to connect to the network.

While there may be differences in SAR values between phone models and even different use positions, they all comply with safe radiation level regulations.

The World Health Organization has stated that current research has shown that there is no need for any special restrictions on the use of mobile devices. He also emphasizes that if you want to reduce the impact of radiation, you should limit the length of conversations or use a headset or loudspeaker during the conversation and not hold the phone close to your body or head.

Highest measured SAR value in tests	Limit
SAR - head-mounted device	0.880 W/kg 10g

SAR - device on the torso (distance 5mm)	1.261 W/kg 10g	2.0 W/kg
SAR - device on the limb (distance 0mm)	2.201 W/kg 10g	4.0 W/kg

SAR values may also vary depending on national reporting and testing requirements and the frequency band of the network

25. Terms of warranty

The phone comes with a warranty, an integral part of which is the proof of purchase.

Damage resulting from improper use, electrostatic discharge or lightning will not be repaired free of charge under the Warranty. If the user attempts self-repair or modification, this will void the warranty!

The above information is provided for informational purposes.

26. FAQ (Troubleshooting)

Repairs to the phone can only be made by an authorized service center. Do not make any repairs or modifications yourself, otherwise the warranty will be voided!

Green light flashing (LED indicator)	You have an unread text message or missed call To turn off notifications, select: MENU>Settings>Notification LED
Some people can't get through, you don't receive some text messages	Check whether a given number has not been accidentally added to the blacklist MENU>Settings>Security > Black list Remove a number from the blacklist: Options>Remove
"Unable to connect"	Please check whether the dialed number is correct. When dialing another country's number, always add the appropriate prefix (e.g. Germany 0049 or +49) If the user has a prepaid card (topped up by card), check whether there are funds available in the account to make a call.

"SIM card inserted, only emergency calls possible (112)"	Please make sure the SIM card is installed correctly.
The phone does not work and does not charge after connecting the charger	<p>The phone may be turned off, turn on the phone by pressing the power button for about 3  seconds.</p> <p>After not using the phone for a long time, the battery may become so-called "deep discharge", to restore proper operation, leave the charger connected even though nothing appears on the display.</p>
"Can I make calls while abroad?"	If the user is outside the country, the phone logs in automatically to the foreign network if ROAMING is enabled. Please check with your operator.

<p>"Is it possible to make an emergency call in a place where there is no coverage or when there are no funds in the account?"</p>	<p>You cannot make any call if your phone is not within network coverage.</p> <p>If the user does not have funds on the account, it is possible to make emergency calls to 112.</p>
<p>"How can you increase your reach?"</p>	<p>If the display shows "Not working" or "No service", it means that there is no appropriate signal or funds in your account. However, in this case it is possible to make emergency calls by dialing 112, provided that we are within the network coverage of another operator.</p> <p>Places such as buildings limit the range, you need to get closer to the window or go beyond the area with many buildings.</p>

"What is an SMS message center?"	The operator center number where text messages are stored. The number is stored on the SIM card, but you can change it and enter a different one in the phone menu.
"When is the connection fee charged?"	You are charged as soon as the connection is established. Please check with your operator what the billing method is.
How to check if the SMS has reached the recipient?	You must enable the Delivery report option. After the message has been delivered, you will receive a reply SMS informing you that the message has been delivered (network service).

28. Simplified EU declaration of conformity

Maxcom SA hereby declares that the type of radio device:

MAXCOM MM828 mobile phone

is compatible with:

Directive 2014/53/EU RED of 16 April 2014 (Radio Equipment Directive) - Radio Equipment Directive

Directive 2011/65/EU of 8 June 2011 (RoHS restriction of the use of certain hazardous substances in electrical and electronic equipment)

The full text of the EU declaration of conformity is available at the following internet address:
<http://www.maxcom.pl/deklaracje>

Attention

The manufacturer is not responsible for any consequences caused by incorrect use, abuse or failure to follow the instructions.

This manual is intended for informational purposes only. Some of the features and options described may vary by software and country.
The manufacturer reserves the right to change or introduce changes without notice.

If technical support is required, we recommend that you contact our technical department at:
32 325 07 00 or email serwis@maxcom.pl

Our website:

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



MAXCOM SA
street Towarowa 23a
43-100 Tychy

tel.: 32 327 70 89
www.maxcom.pl
e-mail: office@maxcom.pl