

USER MANUAL
GSM Mobile Telephone
Maxcom **MM920**



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

Our website:

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

THE SET INCLUDES

GSM Telephone

Charger

Battery 1400 mAh

User Manual

Warranty Card

Headphone Set

Screwdriver, 8 bolts (4 spare bolts)

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. Prior to switching on the phone, a SIM Card must be correctly inserted.

Mobile Telephone GSM 900/1800

Large, color display screen

Waterproof and dustproof - IP67 Certificate

Photo Camera 2Mpix

MicroSD Memory Card Slot

Font Size Selection

Speakerphone

Phonebook -500 entries

Sending & Receiving Text Messages

Speed Dia lup to 8 numbers

Call Duration Notification

Loud ringtone

Bluetooth®

Radio FM

Torch

Calculator

Alarm Clock

Battery 1400 mAh

Idle Time: up to 460 hrs.*

Conversation Time 11 hrs.*

Weigth:140g

* depending on conditions and GSM signal strength

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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 refueling points or hospitals. Using phones in such places might expose others to danger. Never switch on the phone if it might interfere with work of other devices!
- Never use the phone without right accessories while driving.
- Never use the phone in hospitals, airplanes, refueling points or at 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 your phone and all parts out of reach of children.

- Any repairs or modifications of the phone are not allowed. Any problems should be repaired by the qualified service only.
- Only original batteries and chargers must be used. Using other accessories might damage the phone or cause an explosion.
- **WATERPROOF & DUST-RESISTANT**
 - the telephone offers IP67 protection – the phone is resistant to ingress of dust and short-term (up to 30 minutes) immersion in water no deeper than 1 meter. Longer exposure to liquid or deeper immersion will damage the phone! The phone might be used while raining.

Prior to exposing the phone to liquid make sure to properly fasten both the seal under the battery cover and the USB port cover.

2. Getting Started

Prior to switching on the phone, a SIM Card must be inserted. Be careful not to damage the Card while inserting it.

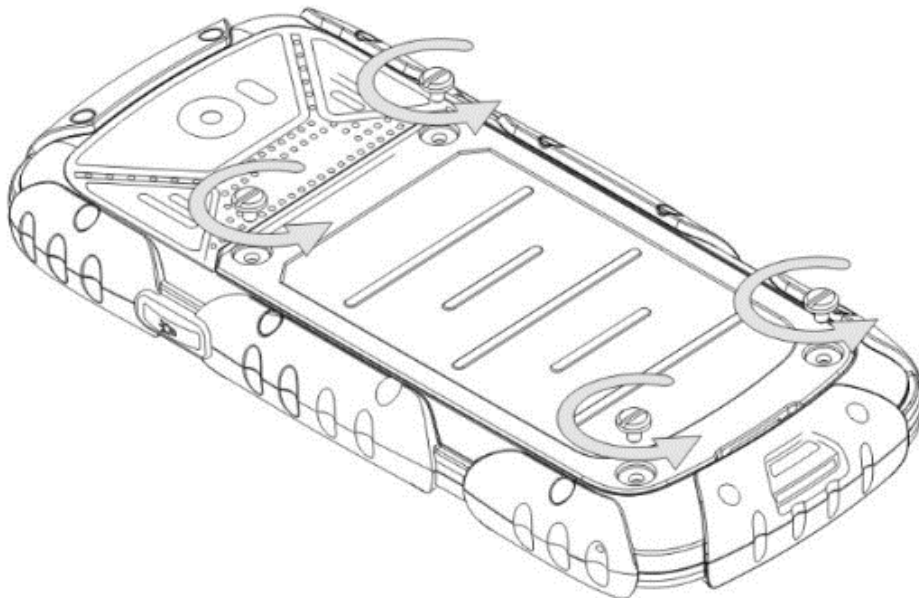
Keep the SIM Card away from children at all times.

2.1 SIM Card & Battery Installation

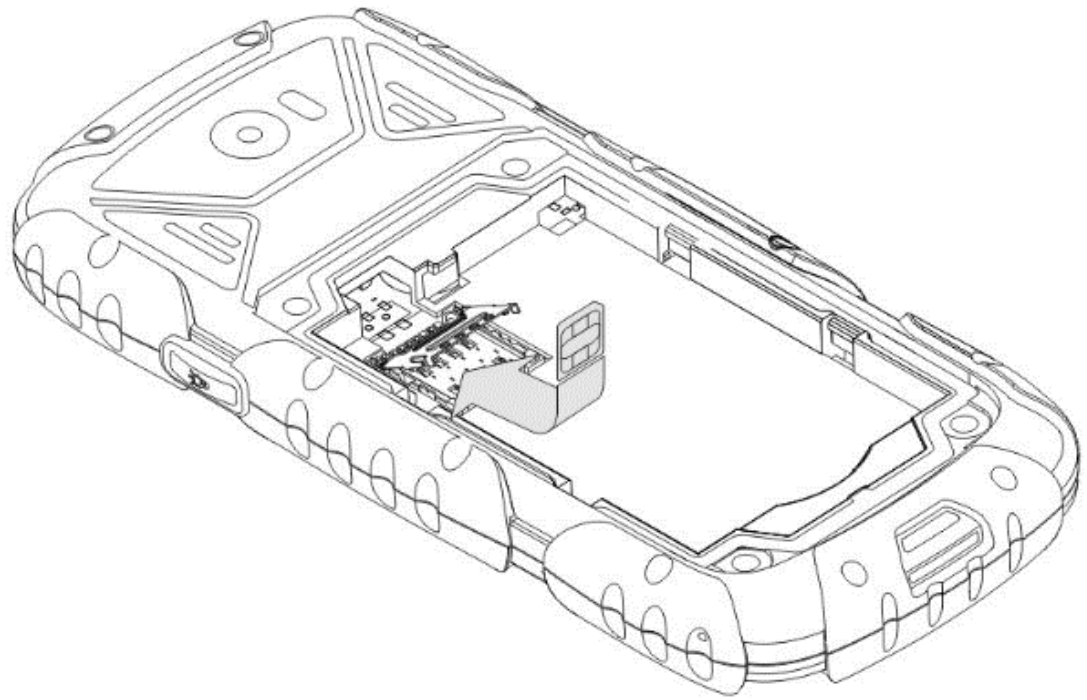
The phone has a MicroSIM slot. If you have a card of different size with no possibility to push out the MicroSIM, contact your service provider to replace the card for the card of right size.

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

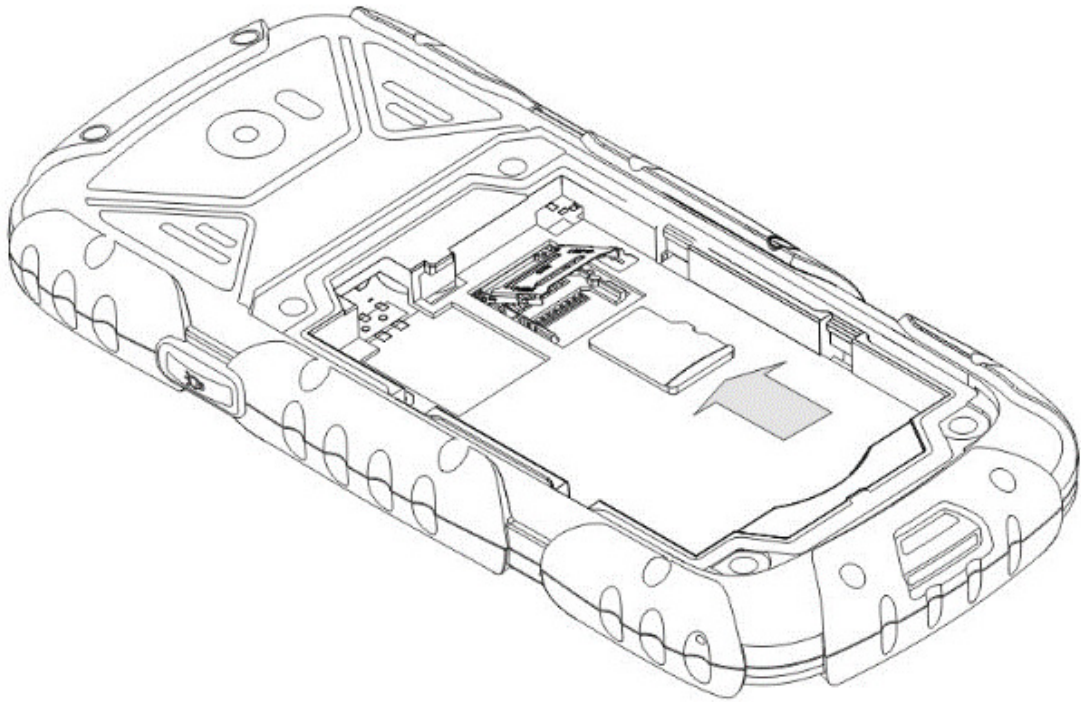
- With the phone switched off, place the phone with its screen face down, and then use a screwdriver to unscrew four bolts (if they are in place), and gently remove the battery cover by lifting it up from its bottom.



- Remove the battery by lifting it up with your fingernail from the bottom of the phone.
- Release the SIM Card slot tray by sliding it upwards, and then open it. Insert the SIM Card to the slot located on the left edge of the phone, with metal contacts facing down. Make sure to position the notch of the card going down of the phone.

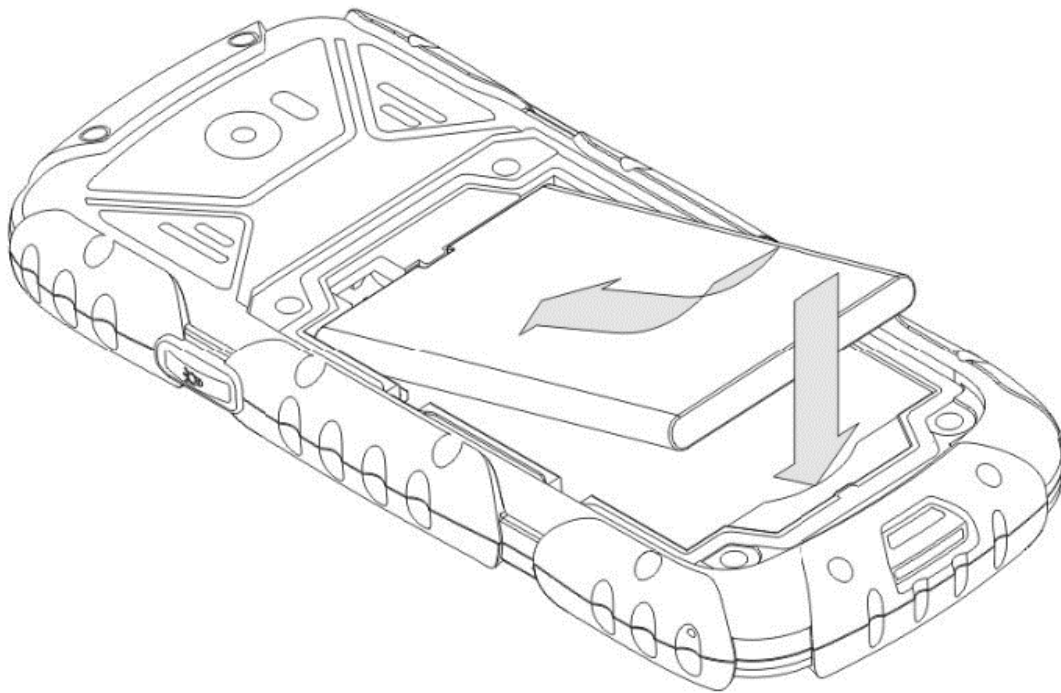


- Close the SIM Card slot tray, and slide it downwards.
- There is a slot for the MicroSD memory card on the right side of the SIM Card slot. To insert the memory card, release the memory card slot tray by sliding it upwards, and then open it. Insert the memory card into the slot, paying attention to the notches. Close the memory card slot tray by sliding it downwards.



Be careful while using the memory card especially while inserting and uninstalling 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 face upwards.



- After the battery is in position, make sure the battery cover seal is in position as well. Then, put the battery cover on the phone and gently press on the edges. Use the screwdriver to screw four bolts on the cover.

2.2 Charging the Battery

Important! Only the battery included in the set should be used. Using other batteries might damage the phone and shall void warranty.

Never connect the charger while the back cover is removed.

To charge the phone:

1. Use your fingernail to lift away the cover over USB/headphones port.
2. Plug the charger into a power outlet.

3. Plug the charger cable into a slot at the top edge of the phone. A message about the charger being connected will appear on the display screen, and the battery icon will keep blinking while the phone is being charged.
4. When the battery is fully charged, unplug the charger from the power outlet, and then unplug the cable from the phone. Put the cover over the USB/headphones port in position.
As soon as the charging process is completed, the message “Charging Completed” will appear on the display screen, and the battery icon will stop blinking.

Important:

- Before you start the charging process, make sure the battery is properly installed.
- Never remove the battery while charging – doing so might damage the phone.
- If the battery level is too low to work properly, there will be the message on the screen telling you that the phone is about to be automatically switched off, and the phone will automatically switch off.
- If the battery is fully discharged (because for example you had left the torch on), it might be necessary to wait several minutes for the battery icon to appear after the battery is plugged in.

2.3 Low Battery Alert

The phone will emit a special sound alert (if warning alerts are enabled in the profile) and a message „Battery Discharged” will appear on the screen, if the battery level is too low. There will be an icon  on the screen. As soon as you see such a message, charge the phone.

3. Location of Keys



1	Micro USB slot/charging port	11	Key: Up
2	Headphones Port	12	Key: Down

3	Speaker	13	Key: OK
4	Display Screen	14	Numeric Keypad
5	Left Function Key LFK	15	Camera Lens
6	Right Function Key RFK	16	Ringtone Volume
7	Green Receiver – making phone calls	17	Torch/flash
8	Red Receiver – ending phone call/return to the main menu	18	Key: Volume Up
9	Key: Left	19	Key: Volume Down
10	Key: Right	20	Torch

Key Primary Functions

Key		Function	
Red Receiver		Press: goes back to Idle mode, ends a phone call. Press & hold: powers on/off the phone	
Green Receiver		Press: makes a phone call; in Idle mode goes to Call Log.	
Navigation Keys	Up	Messages	
	Down	Photo Camera	

	Left	Profiles
	LFK	Function: as appears on the screen
	RFK	Function: as appears on the screen
	Right	Shortcuts
	1	Press: digit 1 Press & hold: voicemail
	0	Press: digit 0
	2-9	Press: digits 2 to 9 Press & hold: dials a speed dial number
	*	Entering symbols: *, +, P, W. While typing a text message: special symbols
	#	Press: Change the text input mode while typing a message, entering the symbol#
		Press & hold: enable/disable Meeting mode
	Key OK	Confirmation key, in most cases the function concurs with the LFK function

4. Using the Phone

4.1 Powering On the Phone

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

If the prompt to enter the PIN code appears, enter the code. You will get the code in the SIM Card starter kit.

After entering the code, press the Left Function Key to confirm.

Warning: If you enter an incorrect PIN code three times in a row, the SIM card will be locked. You might unlock the card by entering the PUK code. If you enter the incorrect PUK ten times, the SIM Card will be permanently locked.

Then, after the first initial use of the SIM Card (or after restoring to the factory settings) an option to enter the current date and time will appear, as well as an opportunity to copy Contacts from the SIM Card onto the phone. Enter the correct time using the numeric keys, press the key DOWN, and follow the same steps to enter the date, and press the Left Function Key. To navigate between digits, press the keys Right/Left. If you miss setting the time/date (Return), the phone will get the data automatically from the GSM network.

Then, the question will appear: Copy All from SIM to Phone? Select YES, if you want to copy all Contacts from the SIM Card onto the phone. Otherwise, press NO.

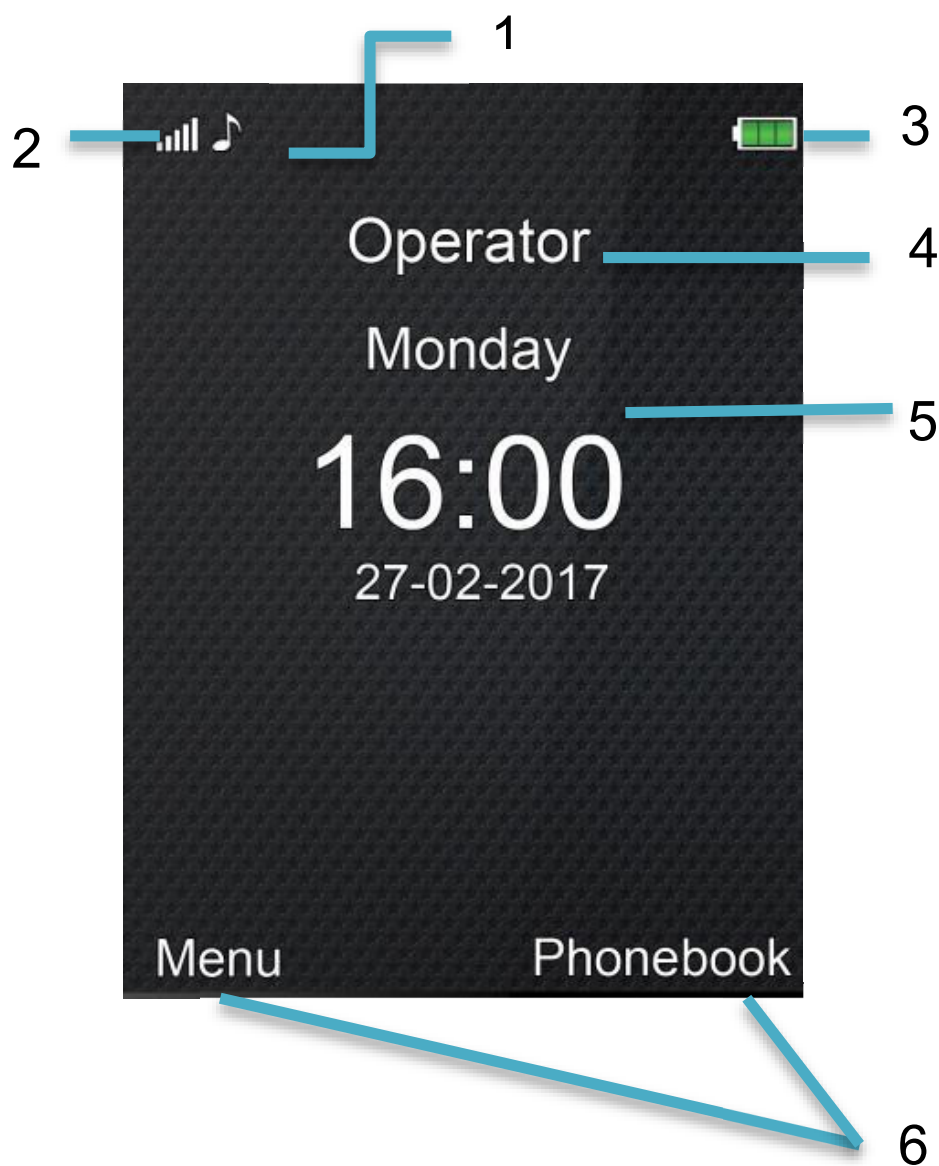
4.2 Powering Off the Phone

To power off the phone, press and hold the End Call key (red receiver).

4.3 Idle Mode

If the phone is switched on, but there is no activities, the phone will go to Idle mode.

Display Screen Description



1. Icons showing functions:

	Ringtone only		Headphones on
	Ringtone plus vibrations		Unread Text Message
	Vibration, Ringtone Later		Unread Multimedia Message
	Vibration only		Silent
	Alarm Clock On		Call Forwarding Enabled
	Torch Switched On		Keypad Locked
	Missed Phone Call	RM	Roaming Active
Icons might vary depending on software		* Icon RM appears also in domestic roaming if the user is using another provider's network	

2. Network signal
3. Battery level
4. Service Provider's name
5. Day of the Week/Time/Date
6. Functions of Function Keys

4.4 Keypad Lock

To lock the keypad, in Idle mode press the Left Function Key, and then (*). To answer an incoming phone call, unlock the keypad.

IMPORTANT: The keypad will lock (automatically or manually) only, if the phone is in Idle mode.

5. MENU

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

To navigate in MENU use the keys

UP/DOWN?RIGHT/LEFT.

To confirm selected option, press the key OK or Left Function Key.

To return to the previous MENU (go back), press the RFK.
To go to Idle mode, press the red receiver key.

6. Phonebook

6.1 Adding a New Contact

There are two ways for you to save a new Contact:

1. You can save the number from the list of missed and received phone calls. In order to do so, in Idle mode press the green receiver key, select the phone number you want to save, and press „Options” (LFK). Select „Save in Phonebook”, press the LFK, select where you want to save it. Press Edit and enter the Contact’s name. Press Options>Done>Save.

2. You can add a new Contact directly to the Phonebook. To do so, in Idle mode press the RFK, and then using the key **UP** select **New Contact>Select**. Select where you want to save the Contact. Press **Edit**, enter the Contact's name, and press **Options>Done**. Using the key **Down** go to the number box, and press **Edit**. Enter the number and select **Save**.

If you selected to save the New Contact in the phone, by pressing the keys RIGHT/LEFT, you can also add some details such as a ringtone, email address, or the company's name.

6.2 Viewing the Phonebook

Method 1

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

Press the key „#” to change the text input mode.

Method 2

1. In Idle mode press the Right Function Key
2. Enter the first letter of the name (first or last name) you are looking for.
3. The phone will go to the list of names starting with

this letter. You can scroll the list up and down using navigation keys UP/DOWN.

Press the key „#” to change the text input mode.

6.3 Deleting Contacts

6.3.1 *Deleting a Single Contact*

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

1. In MENU, select Phonebook
2. Select the Contact you wish to delete, press Options->Delete
3. Press the LFK to confirm.

6.3.2 *Deleting Multiple Contacts*

If you want to delete multiple Contacts from the phone or the SIM Card, do as follows:

1. In MENU select: Phonebook->Options->Mark Some->Delete Marked
2. Select the Contact you wish to delete, and then mark/unmark other Contacts
3. Then select Options->Delete Marked>Yes.

6.3.3 *Deleting All Contacts*

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

1. In MENU select: Phonebook->Options->Settings->Delete All Contacts
2. Select whether you want to delete Contacts from the SIM Card or the phone memory, and press Yes to confirm.

6.4 Copying Contacts

6.4.1 Copying a Single Contact

To copy a single Contact 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->Copy, and then select where you wish to copy the Contact to, and press the LFK.

6.4.2 Copying Multiple Contacts

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

1. In MENU select: Phonebook->Options->Settings->Copy All
2. Select where you want to copy Contacts to.
Select the Contacts you wish to copy by pressing OK.
If you want to copy all Contacts, select: Options->Mark All. Press Options->Copy Marked.

6.5 Transferring Contacts

You can transfer Contacts 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. Then follow the same steps as in Copying Multiple Contacts (see **Błąd! Nie można odnaleźć źródła odwołania.**).

6.6 Select Some

In MENU select: Phonebook->Options->Mark Some, and then:

- Send SMS, if you want to send a text message to multiple recipients
- Delete Some, if you want to delete multiple Contacts, see chapter **Błąd! Nie można odnaleźć źródła odwołania..**

6.7 Phonebook Settings

6.7.1 Preferred Memory

In MENU select: Phonebook->Options->Settings->Preferred Memory to select default memory for Contacts to be saved to.

6.7.2 Speed Dial

In MENU select: Phonebook->Options->Settings->Speed Dial->Status to enable or disable Speed Dialing. If Speed Dial is enabled, and there are phone numbers assigned to the keys 2-9, press and hold a given key to make a phone call to the assigned number.

To assign a number to the key, in MENU select Phonebook->Options->Settings->Speed Dial->Assign Keys. Then select the key to assign a number to, press the LFK, select the phone number from the Phonebook, and press the LFK again.

6.7.3 Additional Numbers

In MENU select Phonebook->Options->Settings->Additional Numbers->FDN, to enable/disable the Fixed Dialing Number option.

6.7.4 Memory Status

This option allows you to check the status of the memory in the phone and on the Card.

In MENU select ->Phonebook->Options->Settings->Memory Status.

7. Making Phone Calls

7.1 Direct Dialing

1. Enter the phone number you wish to call.

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

2. Press the green receiver key to call the number you have just dialed.
3. To finish the phone call, press the red receiver key.

7.2 Dialing Number from the Phonebook

In Idle mode press the RFK to enter the Phonebook. Use the keys UP/DOWN to select the number you wish to call. If you want to quickly go to the Contact whose first or last name starts with the letter U, press the key 8 twice. To call the selected number, press the green receiver key.

7.3 Dialing Numbers from Call Log

Press the green receiver key when the phone is in the Idle mode to go to Call Log.

Use the keys UP/DOWN to scroll up/down the Call Log. Press the green receiver key to make a phone call.

7.4 Speed Dialing

If you have any Contacts assigned to the keys 2-9, in Idle mode press and hold the given key to make a phone call.

7.5 Adjusting the Phone Call Volume

While calling, press the volume up and down keys located on the side of the phone to adjust the phone call volume.

7.6 Options While Calling

While calling, press Options to enable additional functions:

- Suspend: suspends a phone call
- End call: ends a phone call
- New Call: allows you to place a new phone call
- Phonebook: allows you to access the Phonebook to view the number
- Call Log: allows you to view the Call Log
- Messages: allows you to view received/saved messages
- Voice Recorder: allows you to record the phone call
- Mute: enables/disables the microphone,
- DTMF: allows you to enable/disable DTMF.

7.7 Answering Phone Calls

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

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

To mute incoming phone call, press the RFK.

8. Call Log

To enter the Call Log, enter the main MENU and select Call Log, and then use the key Right/Left to select:

All Phone Calls (displays all phone calls)

Dialed Numbers (displays dialed numbers)

Missed Phone Calls (lists any phone calls you have missed). If there are any phone calls you have missed, in Idle mode a symbol of a receiver will appear at the top left corner of the screen.

Received Phone Calls (displays received numbers).

To view phone call details (call duration, number of phone calls) press the OK key.

Important: To view Call Log, it is enough to press the green receiver key in Idle mode.

Color symbols inform you about the type of phone call.

After selecting a phone call, press the Left Function Key to get additional options displayed:

- **Call** makes a phone call to a given number
- **Preview** allows you to view phone call details
- **Send Text Mssg** 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 the Black List**, allows to add a number to the list of blocked numbers
- **Edit Before Call**, allows you to update the number before making a phone call
- **Delete** deletes a call
- **Delete All** allows you to delete all phone calls.
- **Mark Some** allows you to delete few phone calls.

9. Text & Multimedia Messages

The phone allows you to send and receive text and multimedia messages. If there is the symbol  on the screen, it means there is at least one unread message. To enter **MENU Text Message**, press the Left Function Key in Idle mode, and then select Messages->Inbox. If the inbox is full, the symbol  on the screen will blink. Delete some messages out of your inbox to solve the problem.

9.1 Creating & Sending Text Messages

1. Go to MENU and then select: Messages->Create Message->Text Mssg to open the message editor.
2. Type your message.
- **Changing the text input mode:** To change the text input mode (digits, capital and lower case letters) press the key „#” if you want to enter the symbol, press the key „*”.
3. **Sending Text Messages:** Press **Options>Send To** and select whether you want to dial the number manually or select it from the Phonebook. Select the phone number and press OK. If you want to send a text message to multiple recipients, you can add additional numbers. To send the message, press **Options>Send**
4. **Saving Messages:** To save the message you have just typed, press Options>Save. The message will be

saved in the Draft folder. You can select automatic saving of sent messages, to do so go to MENU and select: Messages->Settings->Text Mssg->Save Sent Mssgs.

If you want to send a multimedia message, select in MENU: Messages->Create Message->MMS, enter the text, press Options and select content (photo, audio clip, video), and then select Options and Send.

9.2 Viewing & Replying to Text Messages

1. If there is the symbol of unread message on the screen or if you want to view unread messages, in MENU go to: Messages->Inbox. To view a message, press the key OK. While reading, you can use additional options by pressing the LKF.
2. The icon  next to the message means the message has not been read yet.

By pressing „Options” while reading messages, you will access additional options:

- Reply with text: creates a text message to the sender
- Reply with MMS: creates a multimedia message to the sender
- Call: makes a phone call to the sender
- Forward: allows you to forward the message to another recipient
- Delete: deletes messages
- Advanced: allows you to use the number, email address or URL etc.

- Editing option allows you to highlight the entire text to cut and paste it.

9.3 Text Messaging Boxes

9.3.1 Inbox

You can view any received messages listed in order by the date they have been received.

To navigate within the inbox, use the keys **UP** & **DOWN**. To display additional options, while viewing the Inbox press „Options”:

- Preview: allows you to read the message
- Reply with Text Mssg: send a text message to the sender
- Reply with MMS: send a multimedia message to the sender
- Call: calls the sender
- Forward: allows you to send a message to another sender
- Delete: deletes a message
- Delete All: deletes all messages from your inbox
- Delete Multiple: deletes marked messages.

9.3.2 Sentbox

If you use the option: Save Sent Mssgs, sent messages will be saved in the folder „Sent”.

9.3.3 Drafts

You can save unsent messages in the folder „Drafts”. To do so, type your message, and after pressing the LFK select „Save in Drafts”.

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

9.3.4 *Outbox*

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

9.4 **Deleting Messages**

To delete a selected message, go to Options and select „Delete”.

9.5 **Message Settings**

Enter MENU and select: Messages->Settings, and then select:

9.5.1 *Text Messages*

- SIM
 - **Profiles>Text Message Center Number:** It works as an intermediary between users while sending a text message. In order to be able to send text messages from a mobile phone, having a correct Text Message Center number entered on the phone is necessary. You can get this number from your service provider.
 - **Delivery Report:** You can select for the phone to receive a delivery report every time a message has been delivered to a recipient (network service)
 - **Message Priority:** defines priority of message
 - **Message Type:** allows you to define the type of sent message
 - **Reply Path:** allows you to enable/disable the reply path
 - **Voicemail:** allows you to set the voicemail server number
- Memory Status

Allows you to verify the memory status on the SIM Card and in the phone.

- **Message Counter**

Allows you to count the number of sent/received messages

- **Save sent messages**

Allows you to enable/disable saving sent messages.

- **Preferred memory**

Allows you to decide whether you want your messages to be saved in the phone or on the SIM Card.

9.5.2 Multimedia Messages

- **Data Account**

Allows you to select a data account necessary to send multimedia messages or to add a new account.

- **Common**

- **Composition:** allows you to set time for each slide to be displayed, and automatic signature.

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

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

- **Preferred storage:** allows you to select a location to store messages

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

9.5.3 Service Messages

Select Menu>Messages>Settings>Service Mssgs to set options of service messages.

9.6 Voicemail

Voicemail is a network service that allows callers to leave a voice message when you cannot answer the phone call. To learn more, contact your service provider. If you want to change the number of your voicemail in MENU go to: Messages->Settings->Text Mssg->SIM->Voicemail, and enter the right number.

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

10. Tools

10.1 Calendar

To enable the calendar, in MENU go to: Tools->Calendar. To navigate between dates, use keys Up/Down/Right/Left. Press the LFK, to get some additional options:

- Preview: allows you to view events scheduled for a given day,
- View All: allows you to view all scheduled events,
- Add event: allows you to add a new task. You can select an event, its start and end, subject, description, and set the alarm. To save the event, after setting all the options, go to Start, End or Alarm, and press the Left Function Key (Save).
- Delete event: allows you to delete tasks: all, old, for a given period,

- Go to Date: enter the date you want to go to
- Go to current date: it allows you to go to the current date,
- Week view, goes to a different calendar view.

10.2 Calculator

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

Enter the first number using keys 0-9, and then use UP/DOWN/RIGHT/LEFT, select the operation, and enter the next number. Press OK.

10.3 Alarm Clock

You can set five independent alarms in the phone. In order to activate the alarm clock in MENU, select: Tools->Alarm Clock. Select a given alarm and select Edit. You can activate/deactivate the alarm clock, set the time for your alarm clock to go off, alert tone, and repeat. If the phone is switched off, the alarm clock will still go off as long as the battery is sufficiently charged. If the alarm goes off, press the LFK to deactivate the alarm clock. Press the Right Function to snooze; the alarm will go off again in 5 minutes.

10.4 Torch

To enable/disable a torch press a key located on the side of the phone. In Idle mode, press and hold the torch key until the torch icon  appears on the display screen. To enable a torch, press the torch key. With the keypad locked, the torch is impossible to be switched on, it will

work as long as you press and hold the torch key on the side.

10.5 World Clock

This option allows you to view time in other parts of the world.

10.6 File Manager

Select in MENU: Tools->File Manager

Press the Left Function Key [Options]:

- Open – select, to open a selected folder.
- Format- to format a selected drive
- Details

After opening the folder, there are the following options available under the Left Function Key:

- Open
- Create folder- to create a new folder in a selected location,
- Rename folder
- Delete: Delete current folder
- Sort by: select the criterion to sort folders by.
- Select Multiple: Select some folders/files in order to copy/send/delete/ transfer them.
- Copy: Copy a single folder
- Transfer: Transfer a single folder.

11. Network Service

11.1.1 WAP

The phone browser allows you to use various WAP service.

The phone has preset settings of some service providers. To enable WAP, in MENU select: Network Service->WAP->Homepage (service provider's default website) and Search or enter URL (any website).

Due to the phone display screen resolution, websites might appear differently than original websites. Some details of websites might be lost.

Contact your service provider about service availability, prices, and the User instructions.

You can get configuration settings necessary to view the browser from the service provider, please refer to the chapter 15.5.2 APN Profiles.

The phone's remote configuration is allowed by some providers.

11.1.2 SIM Services

Independently from the phone features, the SIM Card might offer additional service. Name and features of such menu depend on the type of available service.

Some features that require the Internet connection might be unavailable.

12. Photo Camera

The phone allows you to take photos and record videos. To enable the camera, in MENU go to Camera. An image will appear on the screen. The camera has a digital zoom (enlarging). To zoom in the subject of a photograph press UP, to zoom it out press DOWN.

To resize the image (240x320, 640x480, 800x600, 1280x960, 1600x1200), press Options->Image Settings->Image Size.

To take a photo, press the key OK. The image will be automatically saved. Make sure the phone stays still as long as the message: "Saving" appears on the screen. To view more options, press the Left Function Key.

Go to Video	Enables the video camera
Photos	Activates the photo 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
Effect Settings	Allows you to use negative effect, width scale, etc.

Memory	Allows you to select whether your images will be saved on the Card memory or in the phone memory
Restore default	Restores default settings of the photo camera.

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

While using the option **Images**, select the image you want using keys Up/Down and press the Left Function Key to view the following options:

- Preview, enlarges the selected image. If you want to view a next image, use keys Up/Down.
- Send, allows you to send a photo as a multimedia message, via Bluetooth® or e-mail.
- Use as, an image might be set as a wallpaper or screensaver
- Rename, allows you to rename the image
- Delete, deletes the image
- Sort by, sorts images by applying a given criterion
- Delete All, 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 details, you can view the image details.

After the image is enlarged, press Options to see additional options:

- View – enables a slideshow
- Rotate – rotates the image

- Use as – the image might be used as a wallpaper or a screensaver
- Send – send the image as a multimedia message, via Bluetooth® or E-mail
- Image details – allows you to view the image details.

13. Radio FM

The phone has a built-in radio FM. You can use it with no headphones; the quality of reception, however, with no headphones might make reception impossible as headphones double as an antenna).

Warning: Quality of reception depends on your location. Such quality might be influenced by numerous factors that might cause poor quality of reception; it is not, however, grounds for filing a complaint about the product.

To enable the radio, in MENU select: Radio FM. To switch on/off the radio, press the key OK. If the option: Play in background is enabled, prior to switching off the radio press OK to stop playing it, and then press the red receiver key. Otherwise, the radio will keep playing.

Key functions while playing the radio:

- RIGHT: it automatically searches for next radio station
- LEFT: it automatically searches for the previous radio station
- UP: increases frequency by 0,1 MHz

- DOWN: decreases frequency by: 0,1 MHz
- Side key +: volume up
- Side key -: volume down
- Red receiver: going back to menu
- Keys 1 – 9: selecting the radio station from the list of channels (must be stations that are saved in the phone).

14. Multimedia

14.1 Image Viewer

In MENU select Multimedia->Image Viewer. You can view images you have previously taken. Options in the Image Viewer are identical to option: **Images** and they were described in chapter 12 (Photo Camera).

14.2 Video Recording

In order to enable a video camera in MENU go to: Multimedia->Video Camera. To set recording options, press the Left Function Key.

To start recording, press OK. To pause recording, press OK again. To stop recording, press the Right Function Key.

To use the Video Camera, installing a MicroSD (not included in the set) is recommended so is selecting the card memory as the location for images to be saved; go to Options ->Memory, and select a memory card.

You can send images and videos taken with your phone to a computer. To learn more, go to the chapter: Computer Connection.

14.3 Video Player

In MENU select: Multimedia->Video Player. You can view previously taken videos (folder Videos) with the video player. Use keys Up/Down to select the video you want to view. To start and pause, press the key OK. To stop playing, press DOWN. To full size the image, press the key UP.

The telephone supports files in AVI and 3GP.

While viewing the list of recordings, press „Options”, to view additional options:

- Play
- Send
- Rename
- Delete.
- Delete All
- Sort by
- Memory.

14.4 Audio Player

Use the audio player to play audio files. They must be in the folder: My Music. If there are some new files recorded or added, after you start the player select Playlist>Options->Refresh Playlist. Press the OK key to start or pause the playing. If you do not want audio files to be played in the

background, before you leave the player stop the playing by pressing the key OK.

You can navigate between the previous and next audio file by pressing LEFT and RIGHT. To change the playing options, select:

Options->Settings.

Press the key UP to change the playing options. Press the key DOWN to change the playing order.

Use the side keys + and - to adjust volume.

The phone supports the following files: WAV, AAC, AMR.

14.5 Voice Recorder

You can record music and outside sound.

- Select in MENU: Multimedia->Voice Recorder
- Press OK to start or pause recording.
- To stop recording, press the Right Function Key.

By default, recordings are saved in the folder File Manager ->Telephone->Audio.

⊖ Select **Options** to enter the voice recorder settings (list of recordings, location to save files, recording quality).

15. Settings

Select in MENU: Settings, and then:

15.1 Profiles

The phone has a few profiles to suit various circumstances you might be under. You can enable and adjust each profile to your needs. Available profiles: General, Silent, Meeting, Outdoors, My Style.

In each profile, use the option “Adjust” to change:

- Alert type (ringtone only, vibration only, etc.)
- Ringtone type (single or repeated)
- Ringtone sound
- Ringtone volume
- Message alert
- Message alert volume
- Keypad beep
- Keypad volume
- Powering on/off beep
- Warning alerts (for instance low battery alert)

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

15.2 Telephone Settings

15.2.1 Set the Date and Time

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

You can also format time (12h or 24h), date (DD/MM/YYYY, MM/DD/YYYY or YYYY/MM/DD) and date separator. If the battery was removed, after replacing the battery you have to set the date and time again (if it is not automatically taken from the network).

Option Update after zone change allows you to enable/disable the function of auto update after the time zone change.

Option Auto Time Update allows you to select whether after switching off, the phone should get time automatically updated, only after confirming, or not at all.

15.2.2 *Language*

This option allows you to change the language of the phone menu. If you accidentally change the language, to return to the language you want, in Idle mode, press:

- 1x OK
- 1x DOWN
- 1x OK
- 1x DOWN
- 1x OK
- 1x DOWN
- 1x OK

Select the language you want and press OK.

15.2.3 *Scheduled Power On/Off*

You can schedule time for the phone to be switched on or off.

15.2.4 Preferred Text Input Method

Select what text input mode you want to use to enter the text: Abc, abc, ABC or 123.

15.2.5 Display Screen

You can set your own wallpaper, screensaver, and enable the option to display a watch and date in Idle Mode.

15.2.6 Auto Key Lock

Set time after which the keypad will be automatically locked.

15.2.7 Backlighting

- Screen backlighting: allows you to set brightness and time for the screen to be backlit.
- Keypad backlighting: allows you to select the key backlighting mode: enabled, disabled, by user (see next item)
- Disable keypad backlighting at certain times: allows you to select certain time for the keypad backlighting to be off.

15.2.8 Notification Diode

Notification diode is located in the top corner of the display screen (green color). It blinks as soon as there is a missed phone call or unread text message on the phone.

15.2.9 Themes

There are three themes preset on the phone that change the wallpaper and layout of the phone menu. Select the theme you want and press: Use.

15.2.10 Font Size

You can select the font size you want for menu, messages, Phonebook, etc. Available font sizes are from 18 up to 30 (size for the service provider, watch and date on the home screen cannot be changed).

15.2.11 Shortcuts

You can select what options will be available if you assign Shortcuts to the navigation key.

15.2.12 Navigation Key

This option allows you to set the key functions in Idle Mode: Up, Down, Right, Left.

15.2.13 Flight Mode

You can select the flight mode. If the flight mode is enabled, there is no connection with the GSM network; making phone calls, sending/receiving messages is impossible.

15.3 Call Settings

15.3.1 *Number Withhold*

It is a network service. If your provider offers such service, configuration will be required.

Select „Establishes network”, „Withhold number” or „Send number” and press „OK”.

15.3.2 *Call Waiting*

It is a network service. If your provider offers such service, configuration will be required.

After entering MENU and option: Settings->Call Settings->Call Waiting you can select availability status, and decide whether you want to disable 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. You can answer the second incoming phone call and suspend the first one.

15.3.3 *Call Forwarding*

It is a network service. If your provider offers such service, configuration will be required. The user might direct incoming calls to be forwarded directly to voicemail or to any other number.

1. To enable the option of Call Forwarding in MENU enter: Settings->Call Settings->Call Forwarding
2. Then select when you want to forward 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 phone calls**

3. Press **Enable** and enter the number to which you wish to forward the phone calls to enable the number or press **Disable** not to use this option.

To see what is the current status of this option, select:
Check status.

15.3.4 Call Barring

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

1. Go to MENU to:

Settings->Call Settings->Call Barring

2. You can select the number to block from the Call Log. You can block any outgoing calls, outgoing international, international (except to home), any incoming calls and incoming roaming calls. Additionally, you can update the lock code.

15.3.5 Advanced Settings

- **Black List:** You can blacklist any number you want. If this option is enabled, any incoming phone call from the blacklisted number will be automatically rejected.
- **Auto Redial:** If this option is enabled and if the attempt to make a phone call is unsuccessful, the phone will automatically redial the number.
- **Call duration reminder:** You can set the phone to remind you about how long you are on the phone. Every predefined time (31-60sec) or after certain time has passed (2-3000sek) you will hear a beep to notify you about time amount that has just passed.
- **Received phone call notification:** if this option is enabled, the phone will vibrate to let you know that the recipient has answered the phone call.
- **Answering phone calls:** You might set to answer an incoming phone call by pressing any key, or automatically, if the headphone set is on.

15.4 Network Settings

- **Network Selection:** You can either select the provider manually or automatically.
- **GPRS Connection:** Allows you to decide whether the GPRS connection is to be established on demand or always
- **Preferred transfer GPRS**

15.5 Connectivity

15.5.1 Bluetooth®

Bluetooth® connectivity allows you to send and receive files. You can also connect other devices such as wireless headphone set.

Select in MENU: Settings->Connectivity and go to Bluetooth

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

Bluetooth Status	Enable/disable Bluetooth®
Visability	Enable, so that other people will see your phone
My Devices	Devices you have been connected to before
Look for audio device	Looking for audio devices only
My Name	Select a name to call your device
Advanced	You can set an access path and check the Bluetooth® address

Files transferred to the phone MM920 are saved in the folder Received.

15.5.2 APN Profiles

Select in MENU: Settings->Connectivity, and go to APN Profile.

The telephone has preinstalled settings for WAP/MMS & GPRS of some service providers. To edit/delete/add an account, in Menu select Options->Connectivity->APN Profiles.

You can get the correct configuration from your service provider. Some providers might allow you to remotely configure the phone.

15.6 Security Settings

15.6.1 PIN Code

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

15.6.2 Phone Security

You can enable the phone lock. While switching on the phone, you will be required to enter the lock code. The default lock code is 0000.

15.7 Restore Factory Settings

This option allows you to restore factory settings. Select in MENU: Settings->Restore Factory Settings, and enter the security code. Press the Left Function Key to confirm.

Warning: Default security code : 0000

16. Computer Connection

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

Getting connected:

- plug the USB into the phone
- plug the other end of the USB cable to the USB port in the computer
- there will be a message on the phone screen: „Mass Memory Device” and „Port COM”. Select: Mass Memory Device.

17. FAQ (Troubleshooting)

Only qualified service workers are authorized to repair the phone. Any attempts of unauthorized repair and modifications 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).
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	If you have a prepaid card, make sure there are sufficient funds available on the card to place a phone call.
“SIM Card in place, emergency calls only (112)”	Make sure the SIM Card is installed correctly and the SIM Card has been activated by the service provider.
“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 and hold 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 your charger plugged in, although there will be no image on the display.
„Can I make a phone call while abroad?”	If you are out of the country and ROAMING is enabled, your phone automatically will use the foreign telephone network. To learn more, contact your service provider.

„Can I make an emergency call if there is no reception or if there are no funds on my account?“	If you are in the area with no reception by any network, no phone calls can be made. If you have no funds available on the account, emergency call to 112 can be made.
„How to get the most of reception?“	If there is a message „Does not work“ or “No Service” on the display, 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. Reception might be weaker if you are inside buildings. Move towards windows or get outside.
„There is a message on the screen: “Press * to unlock”, keys do not work.“	The keypad lock is enabled. To unlock the keypad, press the Left Function Key, and press * (star)

„What is the Text Message Center”?	It is the service provider’s center number storing all text messages. The number is stored on the SIM Card, but you can change the number in the phone MENU and enter another number.
„When is the fee for making a phone calls charged?”	A fee for making a phone call is charged 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).

18. Safe Use

- Never use the phone if it might interfere with work of other devices!
- Never use the phone without an appropriate headphone set 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; any 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.
- Never expose the phone to either low or high temperature, and direct sunlight. Do not place the phone next to heating devices such as radiators, heaters, ovens, furnaces, camp fires, barbeque, etc.
- Store the device in temp. between 0°C to 40°C.
- 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.

19. Terms of Warranty

The phone is covered by the warranty; proof of purchase is necessary to be covered by this warranty.

There is a fee for repair of the phone damaged due to misuse, electrostatic discharge or lightning strike. Any attempts to repair or modify the phone by the User shall void the warranty!

Above disclosures are for information purposes only.

20. 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!

21. SAR Information

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

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 product is working is usually lower than the indicated level. Such discrepancies result

from automatic changes in device power necessary to ensure that the device operates at a minimum power level required to be connected with 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 headset or speakerphone should be used, or the phone should not be held in proximity to head or body

The highest SAR value taken in tests	
SAR – device next to head	0.497 W/kg 10g (GSM900)
	0.074 W/kg 10g (GSM1800)
SAR – device next to body	0.954 W/kg 10g (GSM900)
	0.314 W/kg 10g (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.

22. Protect Your Environment

Important: The phone is marked in compliance with the European Waste Electrical and Electronic Equipment Directive 2002/96/EC (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 phone nor accessories to municipal solid waste!!! The product should be utilized in authorized places only.

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

23. Declaration of Conformity

Complains or device defects can be reported via website:

<http://www.comtek.co.uk/maxcom-rma-service/>

Mobile service address:

Comtek Network Systems
Unit 108, Tenth Avenue (Zone 3)
Deeside Industrial Estate
Deeside, Flintshire CH5 2UA

Some information presented in this Manual might vary depending on the phone configuration. It depends on the software installed, your service provider or SIM Card. We reserve the right to make any updates in the product and its options, without any prior notification about it.

For any help please call +48 32 325 07 00 or email at serwis@maxcom.pl

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