

Mobile Telephone **MM826**  
USER MANUAL



Reading the User Manual prior to using  
is highly recommended.



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If there is any problem with your phone, please contact the Maxcom technical assistance or return the item to the point of sales.

Call us directly at: **+48 32 325 07 00**

**The Set Includes:**

GSM Telephone

Charger

USB Cable

Desktop Charger

Battery

User Manual

Warranty Card

Headset

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

Keep the receipt as it is necessary for warranty.

**Important:** The telephone works in the GSM 850/900/1800/1900 and WCDMA 900/2100 MHz. Prior to

switching on the phone, at least a single SIM Card must be properly inserted.

## **The Mobile Telephone GSM 900/1800**

Colored Display Screen TFT 2,8" 240x320

Second Display Screen 1,77" 128x160

Phonebook -500 entries

Message Memory – 500 entries

Receiving Multimedia Messages (MMS)

Supports MicroSD to 32GB

Dual SIM Cards

Speakerphone

Alarm Clock, Calculator, Calendar

Voice Recorder

Torch

Audio and Video File Player

Radio FM

Emergency (SOS) Button

Battery: 900mAh

Desktop Charger

Idle Time: up to 350 hrs.\* (single SIM), 300 hrs (dual SIM)

Conversation Time: 2G up to 8 hrs.\*, 3G up to 4,5 hrs

Size: 106 X 57 X 17mm

Weight: 98g

\*depending on the GSM network conditions and signal

## **1 INTRODUCTION**

This User Manual has been published by the Manufacturer. Any corrections or modifications arising from mistakes, inaccuracies, and the phone or software upgrades might be made without prior notifications; such changes, however, will be reflected in the updated versions of the User Manual. To learn more, or to get any form of assistance please go to the website: [www.maxcom.pl](http://www.maxcom.pl). The Manufacturer reserves all rights to the content of this User Manual.

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### **Accessories**

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

## **2 SAFETY PRECAUTIONS**

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

- **USING** – The telephone emits electromagnetic

field that might negatively affect other electronic devices including medical equipment.

- Never use the phone wherever such use is prohibited, in hospitals, airplanes, refueling points or at proximity to flammable materials. Using the phone in such places might expose others to danger.
- Never use the phone without a headset while driving.
- A device and its accessories might contain small parts. Keep the phone and all parts out of reach of children.
- SERVICE - Never repair nor modify the phone on your own; all repairs should be made by an authorized service only.
- CLEANING - Never clean the phone with any chemicals or corrosives.
- TORCH – Never look directly into the beam of light.
- HEARING AID– If the User has a hearing assistance device, the phone volume should be carefully adjusted in line with the hearing aid sensitivity.

- ELECTRONIC MEDICAL EQUIPMENT – Your phone is a radio transmitter, that might interfere with the performance of electronic medical equipment or implants, such as hearing aids, heart pace makers, insulin pumps, etc. Keeping a distance no shorter than 15 cm between the phone and the implant is recommended. To learn more about it, contact your health care provider or manufacturers of such medical equipment.
- ELECTRONIC EQUIPMENT: to avoid the risk of demagnetizing, do not keep your device in close proximity to electronic devices for a longer time.
- WATERPROOF – The phone is NOT waterproof. Keep it dry at all times.
- DUSTPROOF – The phone is NOT dustproof, never use the phone in the area with increased level of dust.
- DISPLAY SCREEN – Avoid pressing too hard on the LCD display screen and using sharp tools as doing so might damage the display screen.
- Never use any metal objects to press together the battery contacts as doing so might cause an explosion.

- Never expose the phone to either low or high temperature, direct sunlight, and high humidity. Never place the phone next to heating devices such as radiators, heaters, ovens, furnaces, camp fires, barbecue, etc.
- **PROTECT YOUR HEARING!**



Prolonged exposure to sounds of high volume 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.

### **3 GETTING STARTED**

Prior to switching on the phone, a SIM Card should be inserted. Pay careful attention not to damage the SIM Card while inserting it.

Keep SIM Cards away from children.

#### **3.1 SIM CARD & BATTERY INSTALLATION**

The telephone has a tray for two SIM Cards (one micro card). Insert at least one SIM Card into the phone prior to using it. You will get the SIM Card from your Service Provider. Keep the SIM Cards away from children.

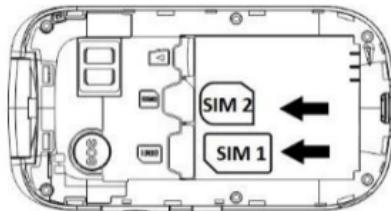
Prior to inserting the SIM Card, make sure the phone is switched off, and the battery is removed. The charger should be disconnected. To insert the SIM Card, the battery must be removed first, as described below and shown in the illustration.

- When the phone is switched off, use your fingernail to lift the battery cover on the right side at the bottom of the phone.
- Use your fingernail to lift the battery from the top of the phone, and remove it.
- Slide the SIM Card onto the tray so that metal contacts will face downwards. Make sure the notch on the SIM Card will go towards the top of the phone, and the notch on the micro SIM Card will go towards the bottom of the phone.
- On the right hand side, there is a tray for the MicroSD memory card. Insert the memory card onto the tray. In the phone, you can install the memory card up to 32GB.

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

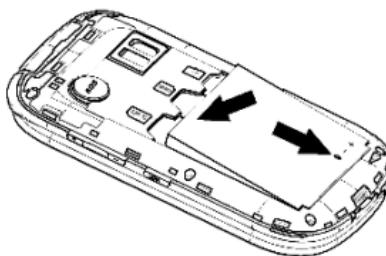
*Regularly make backup copies of data stored on cards used in other devices, if you use SD Cards! Misuse or*

*other factors might damage the card or make the card lose its content.*



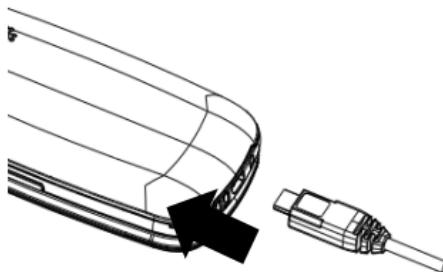
#### Battery installation:

- Insert the battery so that the contacts +/- will go towards the bottom of the phone.
- After the battery has been inserted, the battery cover should be placed back in place, and slid upwards.



### 3.2

### CHARGING THE BATTERY:



**Important!** Use the battery included in the set. Using other batteries might damage the phone and void your warranty. Never connect the charger while the back cover is removed.

1. Plug the charger into the power outlet.
2. Plug the charger cable into the charger slot on the device. After the charger has been properly connected, there will be the battery icon blinking on the display screen.

After the battery is fully charged and the battery indicator stops blinking, disconnect the charger.

As soon as the battery is about to be discharged, the phone will beep, and a message „Battery Discharged” will appear on the display screen; as soon as the battery is completely discharged, the phone will automatically switch off. Do not leave your phone discharged for a long

time as doing so might negatively affect the battery quality and its life. To make sure your phone works properly, use only the charger recommended by the Manufacturer. Never remove the phone back cover while charging the phone. While charging, keep the phone in a well ventilated area with the air temperature between 0°C ~ 40°C. If the battery is fully discharged, it might take a few minutes before charging indicator will appear and the phone will be ready to use.

After a longer time of not using the phone, the battery might be so called „deeply discharged”; to restore the phone's regular work, leave the charger plugged in although there is nothing showing on the display screen. It might take even up to an hour.

### **3.2.1 DESKTOP CHARGER**

In case of using a desktop charger, first plug the small end of the charger into the desktop charger slot, and then plug the power adapter into the power outlet. To charge the phone, just place the phone in the desktop charger with contacts facing down.

#### **Important:**

- Prior to starting the charging process, make sure the battery is properly inserted.
- Never remove the battery while charging – doing so might damage the phone.

- If the battery is too low to work properly, a notification will appear on the display screen telling you that the phone will be automatically switched off, and then the phone will be automatically switched off.
- If the battery is completely discharged, it might take several minutes after the charger is plugged in for the charging icon to appear.
- After a longer time of not using the phone, the battery might be so called „deeply discharged”; to restore the phone's regular work, leave the charger plugged in although there is nothing showing on the display screen. It might take even up to an hour.

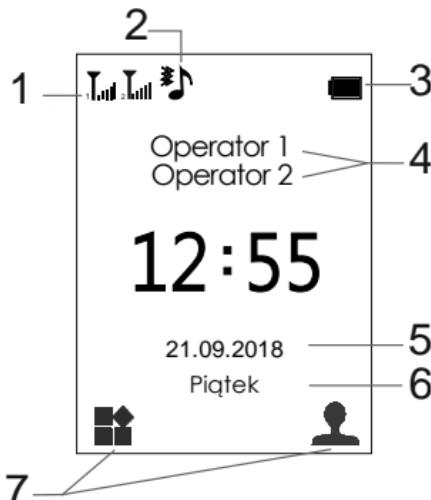
## 4 PHONE DESCRIPTION



1. Speaker
2. LCD Screen
3. Navigation Keys: **Up** and **Down**
4. Left Function Key
5. Right Function Key
6. Make Call Button
7. End Call Button/Powering On/Off the Phone
8. Radio FM/Left
9. Photo Camera/Right
10. Text & Multimedia Messages
11. Numeric Keypad
12. Microphone
13. # (hashtag, hash, pound)/speed dial key
14. Star/Speed Dial Key
15. Profile: Meeting
16. Emergency (SOS) Button
17. Ringtone Speaker
18. Headset & Charger Slot.



19. Opening for a Phone Lanyard
20. Camera Lens
21. Torch Diode
22. Front LCD Screen
23. Charger Contacts for Desktop Charger
24. Volume Up
25. Volume Down
26. Torch Key.



1. Network Signal
2. Icons Showing Functions:

	Ringtone Only		New SMS/MMS
	Silent		Headphones On
	Alarm Clock Enabled		Roaming Active

	Missed Phone Call		Signal Strength
Icons might vary by software versions		* The icon  appears in domestic roaming if the User uses the other Service Provider's network	

3. Battery Level.
4. Date
5. Time
6. Service Provider's Name
7. Description of Function Keys.

**Important:** In order to save energy, the display screen will automatically go into sleep mode after certain time has passed. To enable the display screen backlight, press any key.

## 4.2 FRONT DISPLAY SCREEN

There is a display screen showing basic information on the front side of the clam. Pressing „+” or „-” backlights the screen for a moment to show time, date, and the day of the week. If there is a missed phone call or unread text message, a corresponding symbol will appear under the

time. While having an incoming phone call, the Caller's phone number (or his/her name, if available) will be displayed as well.

## 5 MENU

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

To navigate in MENU use the keys **UP/DOWN**.

To confirm a selected option, press the Left Function Key.

To go back to the previous MENU (return), press the Right Function Key. To go to Idle mode, press the red receiver button.

## 6 PHONEBOOK

### 6.1 SAVING CONTACTS

There are three ways to save a new Contact:

1. You can save a phone number from the list of missed and received phone calls. To do so, in Idle mode press the green receiver button, select the number you want to save, and press „Options” (LFK). Select „Save in Phonebook”, press LFK, and select where to save. Enter the Contact's name. Press the Left Function Key to save.

2. To save a new Contact, in Idle mode enter the phone number you wish to save and press „Options” (LFK). Select „Save in Phonebook”, press LFK, and select where to save. Enter the Contact’s name. Press the Left Function Key to save.
3. You can add a new Contact directly to the Phonebook. To do so, in Idle mode press the Right Function Key, and then use the key **Up** to select **New Contact->Option**. Select, where you wish to save the Contact. Enter the Contact’s name, and then use the key **Down** to enter the text input box, enter the phone number, and press **Save (LFK)**.

## 6.2 VIEWING CONTACTS

### Method 1

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

Press „#” to change the text input mode.

### Method 2

1. In Idle mode, press RFK,
2. Enter the first letter of the Contact you are looking for,
3. The phone will show you the list of names starting with this letter. To scroll up and down, use navigation keys UP/DOWN.

Press „#” to change the text input mode.

### **6.3 DELETING CONTACTS**

#### **6.3.1 DELETING A SINGLE CONTACT**

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

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

Select Options->Delete Multiple->Yes.

#### **6.3.2 DELETING ALL CONTACTS**

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

1. In MENU select: Phonebook->Options->Settings->Delete All Contacts,
2. Decide if you want to delete Contacts from the SIM Card or the phone memory, and 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. Mark the Contact you wish to copy,
3. Press Options->Copy, and then select where you wish to copy the Contact to, and press the Left Function Key.

### **6.4.2 COPYING ALL CONTACTS**

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

In MENU select: Phonebook->Options->Settings->Copy Contacts

1. Select where from and where to you wish to copy Contacts. Press YES to confirm.
2. Mark Contacts you wish to copy. To do so, press Options->Mark. Do the same for other Contacts. If you want to copy all Contacts, select Options->Mark All.
3. Again, select Options->Copy Marked.

## **6.5 TRANSFERRING CONTACTS**

You can transfer Contacts from the SIM Card to the phone's memory or from the phone's memory to the SIM

Card. To do so, select MENU->Phonebook->Options->Settings->Transfer Contacts. And, follow the steps like for copying all Contacts (point **Error! Reference source not found.**).

## 6.6 PHONEBOOK SETTINGS

In Phonebook select Options->Settings, and then:

- Preferred Memory: select the preferred location to save the new Contact,
- Additional numbers->Fixed Dialing: it is a feature by the Service Provider that restricts outgoing calls only to numbers previously added to so-called FDN list. To manage the service of Fixed Dialing, the User usually has to enter the PIN2 Code corresponding to the certain SIM Card to prevent unauthorized changes in the service.
- Memory Status: memory of SIM Cards and the telephone's Phonebook is displayed. Capacities of different SIM Cards might vary.

## 7 USING THE PHONE

### 7.1 POWERING ON/OFF THE PHONE

Press and hold the End Call (red receiver) button to power on or off the phone.

1. If there is a single SIM Card on the phone, there will be a text input box on the display screen to enter the phone code and the PIN code (if security features are enabled). As soon as the PIN Code and the phone code are entered, the phone will go to Idle mode for the currently used SIM Card.
2. If there are two SIM Cards on the phone (depending on security settings), a text input box might be displayed for you to enter SIM1 PIN Code and SIM2 PIN Code. You will be prompted to enter the codes one after the other.

If, while entering the PIN Code and the phone code, you enter any character by error, press the RFK (Right Function Key) to delete it.

As soon as the phone is switched on, the telephone automatically will look for network(s).

If the phone detects an authorized network, there will be its name and signal strength displayed on the display screen. If there are no networks detected, you can only place an emergency call or use non-communicative features of the phone.

## **7.2 MAKING PHONE CALLS**

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

Press the Right Function Key „Delete”, to delete any characters entered by error. If there is a single SIM Card

in the phone, press the green receiver button to make a phone call.

**Important:** If there are two SIM Cards in the phone, press the Make Call (green receiver) button, and then select which Card you wish to use to make a phone call.

1. Dialing extension numbers.

Some extension numbers can't be dialed directly; first you need to call a telephone exchange or a call center, and then to dial an extension number.

2. Making international phone calls.

To make a phone call internationally, entering „00” or „+” prior to actual number is required. To enter „+” press the key „\*” twice.

3. Dialing a phone number from the Phonebook.

Go to the Phonebook via menu, use the keys Up/Down to find the Contact you need, or press the first letter of the Contact's name to access all Contacts whose name start with this letter, and then select the Contact you wish to call.

4. Dialing a phone number from the Call Log.

Go to Call Log (press the green receiver button in Idle mode, or enter it via menu), press navigation keys Up/Down to dial the number you need.

### 7.3 RECEIVING PHONE CALLS

If there is an incoming phone call, the phone will notify you about it by a ringtone; if your network accepts the Caller's ID, his/her name (if his/her data is in the Phonebook) or his/her phone number will be displayed on the display screen.

1. Press the green receiver button to receive an incoming phone call.
2. If the option „Any Key” was selected in Menu ->Settings->Call Settings->Advanced Settings ->Receive Calls, press any key, except for the Right Function Key and red receiver button, to receive an incoming phone call.
3. If the option „Flip Open” was selected in Menu->Settings->Call Settings->Advanced Settings ->Receive Calls, all incoming phone calls will be automatically answered by opening the flip.
4. If the headset is enabled, and the option „Auto Answer with Headset” was selected in Menu->Settings->Call Settings->Advanced Settings->Receive Calls, an incoming phone call will be automatically answered after about 2 seconds.
5. If you don't wish to answer an incoming phone call, press the red receiver button or the Right Function Key to reject an incoming phone call.

6. While having a phone conversation, press the side volume keys to adjust the volume.

#### **7.4      OPTIONS WHILE CALLING**

While having a phone conversation, press Options to enable additional options:

- Suspend: it suspends a phone call.
- End phone call: it ends conversation
- Phonebook: it allows you to enter the Phonebook, for example to view the phone number
- Call Log: it allows you to view the Call Log.
- Messages: it allows you to view received/saved messages.
- Voice Recorder: it allows you to record the conversation.
- Mute: it allows you to switch on/off the microphone in the phone.

#### **7.5      ADJUSTING THE PHONE CALL VOLUME**

While talking on the phone, press the side volume keys located on the right side of the phone to adjust the call volume.

#### **7.6      EMERGENCY (SOS) BUTTON**

You can enable/disable the emergency button. To do so, select Menu-> SOS Settings->Status.

## 7.7 EMERGENCY PHONE CALLS

If there is no emergency number selected on the phone, pressing and holding the SOS button will dial the emergency number 112.

You can select five emergency numbers. Pressing and holding the SOS button (located on the back of the phone) will initiate the emergency procedure. The phone will start the alarm and will call previously assigned emergency phone numbers, one after one. The phone dials each emergency number three times. If the Recipient does not answer the phone for 20 seconds, the phone will start calling the next listed Emergency Contact.

If an Emergency Contact answers the phone call, the phone will go into speakerphone mode and will end the emergency procedure.

If none of Emergency Contacts answers the phone, the phone will automatically send the emergency text message (if enabled in SOS settings) to previously assigned Emergency Contacts; the phone will display the medical history of the User, and will remain in the emergency mode for 1 hour – it means that every incoming phone call will be automatically answered in the speakerphone mode. To disable emergency mode, press and hold the SOS key.

### **7.7.1    EMERGENCY CONTACTS**

You might select up to 5 emergency numbers. To quickly assign an Emergency Contact, go to the main Menu->Settings-> SOS Settings-> SOS Contacts. Mark which Contact you want to assign, press the Left Function Key „Options”:

Add from Phonebook: look for the Contact on the list, and press „OK”.

Enter Phone Number: use the keypad to enter the phone number and press the Left Function Key Options->Done.

### **7.7.2    USER INFO**

Select Menu ->Settings -> SOS Settings->User Info to enter the User’s name, his/her medical history, his/her allergies, and the blood group.

### **7.7.3    EMERGENCY MESSAGE CONTENT**

You might update the emergency message content to be sent out within the emergency procedure. The default emergency text reads: „Emergency Message! Call me!”.

To change the emergency message, go to Menu ->Settings-> SOS Settings-> SOS Message ->SOS Message. Enter the text you want, and press „Save” (Left Function Key) to save the emergency message content. You can enable or disable sending emergency

messages in the alarm mode. To do so, select in Menu->Settings -> SOS Settings-> SOS Message ->Status.

#### **7.7.4 DISABLE SOS ALARM**

You can enable/disable alarm while placing an emergency call. To do so, select in Menu->Settings-> SOS Settings->SOS Alarm.

#### **7.7.5 SOS NOTIFICATION**

If the SOS Notification is enabled, and emergency phone call is answered, the Recipient will hear the message: „Emergency phone call, press 5 to receive”. If the Recipient does not press the key 5 for 20 seconds, the phone will dial the next number listed as an emergency number. Pressing 5 to receive the emergency phone call is necessary to make sure the phone call is received by the human, not a voicemail.

SOS Notification might be disabled only if the User is sure that all Emergency Contacts don't have their incoming phone calls forwarded to voicemail (when busy, does not answer, out of reach or unavailable).

### **8 EMERGENCY PHONE NUMBER**

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

## 9 TEXT & MULTIMEDIA MESSAGES

### Menu ->Messages

The phone allows you to send and receive text and multimedia (MMS) messages.

The feature depends on the telephone network function and it allows you to send, receive, and edit messages.

To learn more, contact your Service Provider.

#### 9.1 INBOX

As soon as there is a new message on the phone, you will hear a sound alert, and a corresponding symbol of unread message will appear on the screen.

Press the Left Function Key „Preview”, to go to the list of messages, and then press the Left Function Options->Preview to read the new message. Press the Right Function Key „Ignore” to return and read the message later.

If message memory is full, a notification about no memory will appear on the screen. To be able to receive new messages, the old messages should be deleted from the Inbox. If the new message is bigger than the Inbox capacity, the messages might be lost or incomplete.

Enter Menu ->Messages ->Inbox, then press the Left Function Key „Options”, to have the following menu displayed:

- Preview: it displays the message content.
- Reply by SMS: create a text message to the Sender.
- Reply by MMS: create a multimedia message to the Sender.
- Call: place a phone call to get connected with the Sender.
- Forward: it allows you to forward the message to another Recipient.
- Delete: it deletes a message.
- Delete All: deletes all messages.
- Save in the Phonebook: if the phone number is not saved in the Phonebook, it might be saved either on SIM1, SIM2 or in the phone memory.
- Delete Marked: it allows you to delete all marked messages.

## **9.2 CREATING & SENDING TEXT MESSAGES**

Go to Menu->Messages->Create Message->SMS to open the message editor. Create a new message, save and/or send it to the Recipient.

While typing a message, press the key # to change the text input method. A single message might have no more than 160 characters. If Polish diacritics are in use, the message might be no longer than 60 characters. There will be a notification displayed in the upper right corner of

the display screen on how many characters and how many text messages have been sent.

Press the Left Function Key „Options” to access the following options while editing messages:

- Send: enter the Recipient's phone number or select it from the Phonebook.
- Text Input Mode: select or change the current text input method.
- Advanced: enter the phone number or the name from the Phonebook.
- Save: save the message.

After typing a message, press the Left Function Key Options->Send to enter the Recipient's phone number by using the keypad, or to select it from the Phonebook. After you have selected all the message Recipients, select Options->Send.

### **9.3 CREATING & SENDING MULTIMEDIA MESSAGES**

Go to Menu->Messages->Create Message->MMS to open a multimedia message editor.

- Send: enter the Recipient's phone number or select it from the Phonebook.
- Text Input Mode: select or change the current text input method.

- Add Photo: add a photo that is saved on the memory card or you can take a photo.
- Add Audio: you can add sound clip that is saved on the memory card.
- Add Video: you can add a video that is saved on the memory card.
- Add Subject: you can add the subject of the message.
- Preview MMS: you can preview the message.
- Slide Options: add a slide after, before, set time for each slide to be shown, delete a slide.
- Advanced: enter the phone number or the name from the Phonebook
- Save: it allows you to save messages.
- Details: it allows you view the message details.

Multimedia message has a limited size of attachments. The phone has limited internal memory. To use the multimedia messaging, installation of MicroSD memory card is required (not included).

#### **9.4 DRAFTS**

You can save unsent messages in the folder Menu->Messages->Drafts. To do so, create your message, and after pressing the Left Function Key „Options” select

„Save” or use the red receiver button to leave the message editor.

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

## **9.5 OUTBOX**

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

## **9.6 SENTBOX**

If in the SMS Settings the option Menu->Messages->Settings ->SMS ->Save Sent is enabled, sent text messages will be saved in the Sentbox.

## **9.7 NETWORK MESSAGES**

Network messages are messages about various matters sent by the Service Provider (network service). The messages might be about weather, location or traffic conditions in your area. To learn more, contact your Service Provider.

## **9.8 MESSAGE SETTINGS**

Go to Menu ->Messages->Settings, and then select:

### **9.8.1 TEXT MESSAGES**

- SIM1: you can set the message center number, validity period, delivery reports enabled/disabled, a reply path enabled/disabled, and set the voicemail.

- Voicemail is the Service Provider's feature that allows a Caller to leave a voice message if he/she fails to reach you. To learn more, contact the Service Provider. You can get the voicemail number from the Service Provider.
- SIM2: As in SIM1
- Memory Status: shows how much memory you have used.
- Message Counter: shows the number of sent and received messages.
- Save Sent: you can enable the option to save sent messages
- Preferred Memory: decide for your messages to be saved on the SIM Card or in the phone.

### **9.8.2 MULTIMEDIA MESSAGE (MMS)**

- Data Account: it allows you to select a data account that is necessary to send multimedia messages.
- Common
  - **Composition:** it allows you set time for an image to be shown, and auto signature.
  - **Sending:** it allows you to set delivery reports, priority, auto save.
  - **Downloading:** allows you to set the downloading of MMSs in the home network, and in roaming, and to set message filters.

- **Preferred Storage:** it allows you to select a location to store messages.

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

## 10 CALL Log

### 10.1 CALL Log

The phone remembers received, missed (if the option is available in the network you are currently using, and if the phone is within its reach), and dialed phone calls.

To go to Call Log, press the Make Call (green receiver) button in Idle mode or access it via Menu (Call Log).

There are different types of icons before entries to inform you about the type of phone call.

If you go to Call Log via menu, there are the following options available:

- Missed calls: a list of missed phone calls.
- Dialed numbers: a list of dialed numbers.
- Received calls: a list of received phone calls.
- Clear Call Log: it allows you to delete selected types of phone calls or all phone calls from the Call Log.

If a selected list of phone calls is displayed, press the green receiver button to get connected with the certain number; press the Left Function Key „Options“ to select

one out of the following options: Preview, Call, Send SMS, Send MMS, Save in Phonebook, Add to Black List, Delete.

## **11 MULTIMEDIA**

### **Menu ->Multimedia**

#### **11.1 PHOTO CAMERA**

Your phone has a photo camera. To enable the camera select Menu->Multimedia->Photo Camera.

To use the photo camera, installing a MicroSD Card is required (not included); also, you must save images on the memory card; therefore, select the Memory Card in Options->Memory.

Press the Left Function Key „Options” to access the following options: Images, Photo Camera Settings, Image Settings, White Balance, Scene Modes, Effects, Memory.

Press the photo camera button to take a photo; after the photo has been taken, press the Right Function Key „Return” to save the photo, or press the Left Function Key „Options” and select „Delete”, to delete the photo.

#### **11.2 IMAGE VIEWER**

Using this option allows you to easily view the images saved on the memory card. Some formats are not

supported by the phone; the size of images to be displayed on the phone is also limited.

Press the Left Function Key Options ->Preview; to access the following options press the Left Function Key „Options”: Rotate, Use As, Send, Image Info.

### **11.3 VIDEO CAMERA**

Your phone has a video camera. To switch on the video camera, select Menu->Multimedia->Video Camera.

To use the video camera, installing the MicroSD Card is required (not included); also, you must save new videos on the memory card; therefore, select the Memory Card in Options ->Memory.

Press the Left Function Key „Options” to use the following options: Video Camera Settings, Video Settings, Memory.

Press the photo camera key to record a video. While recording, press the photo camera key to pause recording or the Right Function Key to stop recording, and save the video. To view the recorded videos use the Video Player.

### **11.4 AUDIO PLAYER**

This menu allows you to play music that has been saved on the memory card. The phone supports audio files in amr and wav format. Some audio file formats are not supported by the phone.

Go to Audio Player, press the key Playlist, and then press Add. Select the folder you want to add to the list, press the Left Function Key: Options->Select.

While playing an audio file, press the side volume keys to adjust the audio file volume; use the Radio FM/Photo Camera key to go to the next or previous audio file. Select the Playlist->Options->Settings to access the following options: Playlist, Replay, Random, Play in Background.

## **11.5 VIDEO PLAYER**

This menu allows you to play video files that have been saved in the folder „Videos”. The phone supports 3GP and AVI files. Some files are not supported by the phone. The phone has a limited ability to play video files of different size and length.

Go to Video Player, press Options to do the following: Play, Send, Rename, Delete, Memory.

While playing the video file, you can press the side volume keys to adjust the video file volume (for videos with audio); use the key Radio FM/Photo Camera to rewind backward or forward. Use the key Down to pause playing, press the key Up to full screen the video.

## **11.6 VOICE RECORDER**

Your phone has an ability to record phone conversations or surrounding sounds in the AMR or WAV formats.

To use the Voice Recorder, installing the MicroSD Card is required (not included); also, you must save new recordings on the memory card; therefore, select the Memory Card in Options->Settings->Memory.

After you go to the Voice Recorder, press the key Options ->New File to start recording. While recording, press the Left Function Key to pause/continue recording. Press the Right Function Key to finish recording and to save the new file. After finishing the recording, press the Left Function Key „Options” to access the following options: New File, Play, List, Settings (setting the recording quality and memory).

## 11.7 RADIO FM

To control the radio, use the following keys:

- Photo Camera Key: searching for a radio station at higher frequency.
- Radio FM Key: searching for a radio station at a lower frequency.
- Side Key -: volume down.
- Side Key +: volume up
- Message Key: start/stop.
- Navigation key Down: decreases frequency by 0,1MHz.
- Navigation key Up: increases frequency by 0,1MHz.

Press the Left Function Key to access the following options:

- List of Channels: you can save up to 30 favorite radio channels,
- Enter Manually: you can manually enter the radio station frequency,
- Auto Search: it allows you to automatically search for a radio station on the phone and to save it on the List of Channels.

## 12 TOOLS

### Menu ->Tools

#### 12.1 CALENDAR

There will be a calendar with the current month view displayed on the screen, with the current date highlighted in a special color. Use the navigation keys to go to different dates. The calendar in the top part of the screen will show changes, respectively.

Select a date, and press the key OK or the Left Function Key „Options” to select the following options: Go to Date, Go to Current Date.

#### 12.2 ALARM CLOCK

Alarm clock goes off even if the phone is switched off. After entering the settings, select Options-> Save.

There are 5 alarms to select; you can set a different ringtone for each alarm. The alarm clock will go off as soon as the set time concurs with the current time, according to current phone settings. Press the Left Function Key or End Call Key to dismiss the alarm. Press the Right Function Key to snooze, after the snooze the alarm clock will go off again. Snooze time is 5 minutes.

In the Alarm Clock menu you can select:

- time,
- days for the alarm clock to go off,
- alarm clock ringtone.

Select any alarm from the list, and press the Left Function Key „Edit” to enter the Settings Menu.

After the above options have been set, press the Left Function Key „Options” and select Save to confirm. The alarm clock icon will be displayed on the display screen in Idle mode.

## 12.3     CALCULATOR

There is a calculator on the phone with four basic functions that allow you to perform easy calculations.

**Important:** The calculator is accurate up to 12 digits. Enter the first number, use the keys up/down/right/left to select an operation, enter the second number, and press the key OK.

## 12.4 FILE MANAGER

Press the Left Function Key „Options”:

- Play: select to open a selected folder.
- Details: it allows you to view the name of the memory card and how much memory has been used.

To open a file, press the key OK.

Select the Left Function Key „Options” to additionally access the following:

- Preview/Play: depending of the file type, display an image or file, play a video or audio file (this option is not available for formats not supported by the phone).
- Send: it allows you to send files via Bluetooth or MMS.
- Use As: use a file; available options depend on the file type.
- Create Folder: create a new folder
- Rename: rename a file
- Delete: delete a selected file
- Copy: Copy the file to a different folder
- Transfer: transfer the file to a different folder.
- Details: display the file details.

## 13 TORCH

To switch on/off the torch, press and hold the dedicated torch side button.

## 14 SETTINGS

### Menu ->Settings

#### 14.1 PROFILES

You can adjust the phone ringtone to different circumstances you might be under.

Available Profiles: General; Silent; Meeting, Outdoors. Press the Left Function Key „Options“ and select Enable to use the profile.

Select Adjust to access the following options:

- Alert Type: set ringtone or vibrations.
- Ringtone Sound: set an incoming phone call ringtone.
- Ringtone Volume: set an incoming phone call ringtone volume.
- Message: set a message alert.
- Message Alert Volume: set a message alert volume.
- Keypad: set the keypad beep.
- Keypad Volume: set the keypad beep volume.
- Flip Open: set a flip open beep.
- Flip Close: set a flip close beep.

### **14.1.1 READING KEY DIGITS OUT LOUD**

To enable the option to read key digits out loud, select: Profiles->Keypad->Voice Prompts. If such an option is enabled, you will hear voice prompts while dialing a phone number.

### **14.2 EMERGENCY SETTINGS**

Emergency SOS settings are described in chapter 7.7 of this User Manual.

### **14.3 PHONE SETTINGS**

#### **Menu ->Settings ->Phone Settings**

##### **14.3.1 DATE & TIME**

Set the time and date, and its format, time zone and auto time update.

Time and date format: time display format settings (12 or 24), date (DD/MM/YYYY, MM/DD/YYYY, YYYY/MM/DD)

##### **14.3.2 LANGUAGE**

To change the Menu Language, in Idle mode press:

1 x LFK (Left Function Key)

2 x key Up

1 x LFK

2 x key Down

1 x LFK

1 x key Down

1 x LFK

select the language.

#### **14.3.3 PREFERRED TEXT INPUT LANGUAGE**

Select the default text input language to be used while editing a text.

#### **14.3.4 DISPLAY SCREEN**

The recommended resolution of a wallpaper is 240x320 pix.

Customize the display screen as you wish.

- Wallpaper: select a wallpaper for your phone (it will work as a screen background in Idle mode).
- Keypad backlight: select how long the keypad is to be backlit,
- Show Time & Date: enable/disable the current date and time on the display screen to be backlit in Idle mode.
- Backlight: set brightness and time for the display screen to be backlit.

#### **14.3.5 DEDICATED KEYS**

Set and customize functions of two navigation keys in Idle mode.

Navigation keys Up/Down might serve as shortcut keys that allow you to use certain options in Idle mode.

Some options can't be assigned to shortcuts.

#### **14.3.6 FLIGHT MODE**

In Flight Mode, all functions of the GSM network are disabled.

#### **14.3.7 FONT SIZE**

You can select a font size for menu, messages, Phonebook, etc. There are sizes from 20 to 32 available.

### **14.4 DUAL SIM SETTINGS**

This option allows you to decide how you want to use two SIM Cards on the phone.

You can select the following options:

Both SIM Cards: both SIM Cards are enabled

SIM1 Only: SIM1 Card enabled

SIM2 Only: SIM2 Card enabled.

### **14.5 PHONE CALL SETTINGS**

#### **14.5.1 SIM CARDS CALL SETTINGS**

Select the SIM1 Card or SIM2 Card to set call settings.

##### **14.5.1.1 HIDING CALLER ID**

- Establishes network: Service Provider Settings.

- Hide Caller ID: the Recipient of your phone call does not see your number (your number is displayed as „Private” or “Restricted”).
- Show Caller ID: the Recipient of your phone call sees your number.

#### **14.5.1.2 CALL WAITING**

It is a network service. If your Service Provider offers such service, you can enable or disable the option of Call Waiting.

If Call Waiting is enabled, and you are talking on the phone, you will be notified about any other incoming phone call by a special alert of a second call. The phone number of the Caller will be displayed as well. You can answer the second incoming phone call and suspend the first one.

#### **14.5.1.3 CALL FORWARDING**

It is a network service. If your Service 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.

#### **14.5.1.4 CALL BARRING**

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

of phone calls you wish to restrict from the list. You can restrict outgoing and incoming phone calls.

## **14.5.2 ADVANCED SETTINGS**

### **14.5.2.1 AUTO REDIAL**

If this option is enabled, and the Recipient does not answer the phone call, the phone will automatically dial the number again. No other number can be dialed at this time. Press the red receiver button or the Right Function Key to disable the auto redial.

### **14.5.2.2 CALL DURATION REMINDER**

You can set the phone to remind you about duration of the phone call. Every predefined period (30-60sec) or after certain time has passed (1-3000sec), while having a phone conversation you will hear a beep to notify you about time period that has just passed.

### **14.5.2.3 ANSWERING PHONE CALLS**

You can set an incoming phone call to be answered by opening the flip, by pressing any key or automatically, if the headset is enabled.

## **14.6 SPEED DIAL**

This option allows you to assign Contacts to keys to speed dial them. Select „Important Person No”, to assign the Contact to key \* and # or select „Speed Dial” to assign Contacts to keys 2-9. In Idle mode, press and hold the key

assigned to the Contact, and the phone will dial this Contact's phone number. For this option to work, it must be enabled in the option Status.

## **14.7 NETWORK SETTINGS**

To set the network options, you can select either SIM1 or SIM2.

- Network selection: set an option to select the network either automatically or manually. If auto network selection is set, the phone will select the current network in which your SIM Card is registered. If manual network selection is set, your phone will detect and display all available networks so that you might set the network you want.

Preferred GPRS transfer: setting the priority for data transfer or voice connections.

## **14.8 SECURITY SETTINGS**

### **Menu ->Settings ->Security Settings**

Security settings are settings responsible for securing the phone and SIM Cards.

#### **14.8.1 SECURITY OF SIM1/SIM2**

- PIN Code Lock

Press the Left Function Key to enable or disable this lock.

To activate the SIM Card PIN Code, entering the PIN Code is necessary. If such an option is enabled, you will be required to enter the PIN Code every time you switch on the phone. To learn more, contact your Service Provider.

**Important:** If you enter an incorrect PIN code three times in a row, and the SIM Card is locked, you should enter the PUK Code. You should receive both PIN Code and PUK Code along with the SIM. If you don't, contact your Service Provider.

- Update PIN/PIN2

This menu allows you to update PIN; PIN2 Codes. To update them, enter the old codes, and enter the new codes twice. The Code must be from 4 to 8 digits. The phone must be active to make PIN Code update possible.

#### **14.8.2 PHONE SECURITY**

In Menu, select the Phone Lock, and press the Left Function Key to enable/disable the phone lock. To activate the phone lock, entering the phone password is necessary. If the lock is enabled, you will be required to enter the password every time you switch on the phone.

**Important:** The default phone lock code is 0000. Remember to immediately update the original phone lock code.

### **14.8.3 BLACK LIST**

You can add any number to the Black List. If the option to restrict incoming phone calls and text messages is enabled (set option Enable), every incoming phone call and text message from the blacklisted phone number will be automatically rejected.

### **14.9 CONNECTIVITY**

**Menu ->Settings ->Connectivity**

#### **14.9.1 BLUETOOTH**

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

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

- Bluetooth Status: press the Left Function Key to enable/disable Bluetooth.
- Visibility: decide for your phone to be visible to other Bluetooth devices.
- My Devices: this option displays names of all detected Bluetooth devices. To get connected to a certain device, activate the option and select:

Bluetooth ->My Devices ->Look for New Device.

Press the Left Function Key „Pair”, and enter the password on both devices.

- My Name: select the name for your device.
- Advanced: allows you to change advanced settings.

## **14.9.2 APN PROFILES**

You can add the MMS account to the SIM Card.

For correct configuration, contact your Service Provider.

## **14.10 RESTORE FACTORY SETTINGS**

To restore the factory settings, enter the phone lock password (default 0000) and select „Yes” to reset the phone.

# **15 NETWORK SERVICES**

**Menu -> Network Service**

## **15.1 SIM CARD**

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

Some features that require the Internet connections might be unavailable.

# **16 COMPUTER CONNECTION**

You can connect the phone to a computer using a USB cable, and therefore 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 into the USB port in the computer
- there will be a message on the display screen: „USB Memory” and „Port COM”. Select „USB Memory”.

## 17 FAQ (TROUBLESHOOTING)

Only qualified service is authorized to repair the phone. Any attempts of unauthorized repair and modifications void the Manufacturer's warranty!

„Cannot make a phone call”	<p>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).</p> <p>If you have a prepaid card, make sure there are sufficient funds available on the card to place a phone call.</p>
“SIM Card in place, emergency calls only (112)”	Make sure the SIM Card is installed correctly or is enabled in MENU.

“The phone does not work, the phone does not charge when plugged in”	<p>The phone might be switched off; to switch on the phone, press and hold the red receiver button for about 3 seconds.</p> <p>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 (even up to 1 hour).</p>
„Can I make a phone call while abroad?”	<p>If you are out of the country and ROAMING is enabled, your phone will automatically use the foreign telephone network. To learn more, contact your Service Provider.</p>

<p>„Can I make an emergency call if there is no reception or if there are no funds on my account?”</p>	<p>If you are in the area with no reception by any network, no phone calls can be made.</p> <p>If you have no funds available on the account, emergency call to 112 can be made.</p>
<p>„How to get the most of reception?”</p>	<p>If there is a message „Does not work” 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.</p> <p>Reception might be weaker if you are inside buildings. Move towards windows or get outside.</p>

<p>“There is a message on the display screen: „Press &amp; Unlock and then*; keys do not work”.</p>	<p>The keypad is locked. To unlock the keypad, press the Left Function Key, and then the key (*).</p>
<p>“What is the Text Message Center?”</p>	<p>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.</p>
<p>“When is the fee for making a phone calls charged?”</p>	<p>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.</p>

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"Is there any way to make sure my message has been 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).
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## **18 WARRANTY**

The phone is covered under the warranty; proof of purchase is necessary to use such warranty. There is a charge for repair of phones damaged due to misuse, electrostatic discharge or lightning strike. Any attempts to fix or modify the phone by the User will void the warranty!

The above information is presented for information purposes only.

## **19 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!**

## **20 SAR INFORMATION**

This phone model meets all international guidelines pertaining to the impact of radio waves. The device is a radio transmitter and receiver. It has been designed not to exceed any limits of radio waves impacts, in compliance with 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), and it is an average value per 10g of tissue. SAR value is determined at the maximum transmit power and in the full spectrum of frequencies covered by research; the actual SAR value while the product is working might be much lower than the maximum 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 headphones or speakerphone should be used, or the phone should not be held in proximity to head or body.

The highest SAR value in tests

SAR – device next to head	0.344W/kg 10g (GSM900) 0.607W/kg10g (GSM1800) 0.505W/kg10g (WCDMA 900) 1.086 W/kg10g (WCDMA 2100)
SAR – device next to body	0.425W/kg 10g (GSM900) 1.251W/kg10g (GSM1800) 0.799W/kg10g (WCDMA 900) 0.965W/kg10g (WCDMA 2100)

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.

## 21 PROTECT YOUR ENVIRONMENT

**Important:** The phone is marked in compliance with the European Directive of 2012/19/EU 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.

To recycle materials used to produce the phone packaging, follow the local recycling regulations in your area.

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!**

This Manual is for information purposes only. Some features and options might vary depending on software and the country of use.

If any technical assistance is required, please contact our technical department at

+48 32 325 07 00 or email us at [serwis@maxcom.pl](mailto:serwis@maxcom.pl)

**Our Website:**

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

**Important:** Battery performance depends on the local network environment, SIM Card, and the way the phone is used. The Manufacturer shall not be liable for any consequences of the phone misuse, abuse or the use incompliant with this User Manual.

**Important:** The Manufacturer reserves their right to update or make changes without prior notice. Trademarks used in this Manual are the property of their owners.

## 22 FREQUENCY RANGES

System	Frequency Range	Max Radio Frequency Power
GSM900	880,2MHz-914,8MHz	33.50 dBm
GSM1800	1710,2MHz-1788,8MHz	31.00 dBm

WCDM A 900:	882.4 MHz to 912.6 MHz	22.89 dBm
WCDMA 2100:	1922.4 MHz - 1977.6 MHz	22.93 dBm
Bluetooth	2402-2480 MHz	3.38 dBm EIRP
Radio FM	87.5MHz - 108MHz	-

## 23 DECLARATION OF CONFORMITY



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43-100 Tychy | Poland

### Declaration of Conformity UE 15/2019/RED

Manufacturer's name and address:

Maxcom S.A., ul. Towarowa 23a, 43-100 Tychy, Polska

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration:

Mobile phone Model: MM826

The object of this declaration mentioned above is in conformity with the relevant requirements of the Union harmonization legislation:

Directive 2014/53 / EU Directive 2011/65 / EU (RoHS)

References to the relevant harmonized standards used or references to other technical specifications in relation to which conformity is declared:

Radio Equipment Directive 2014/53/EU	
EN 60950-1: 2006 +A11: 2009 +A1:2010 +A12: 2011+A2: 2013	Test Report Number: STS190 244A01
EN 50360: 2017 EN 50566: 2017 EN 62209-1: 2016 EN 62209-2: 2010 EN 50663: 2017	Test Report Number: STS1904244H01
Draft ETSI EN 301 489-1 V2.2.1 Draft ETSI EN 301 489-17 V3.2.0 Draft ETSI EN 301 489-52 V1.1.0	Test Report Number: STS1904244E01
EN 55032:2015 EN 55035:2017 EN 61000-3-2:2014 EN 61000-3-3:2013	Test Report Number: STS1904244E02
ETSI EN 301 511 V12.5.1 ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-2 V11.1.2	Test Report Number: STS1904244W01
ETSI EN 300 328 V2.1.1	Test Report Number: STS1904244W02
RoHS Directive 2011/65/EU and its amendment directives 2015/863/EU (RoHS 2.0)	Certificate No.: C- STSGZ19051129 Test Report Number.: STSGZ19051129

Notified body:

PHOENIX TESTLAB, Identification number: 0700 conducted tests in accordance with the requirements listed in Annex III, conformity assessment module B Directive 2014/53 / EU and issued an EU-type examination certificate: Certificate No. 19-211907  
On behalf of MAXCOM S.A.

City, date:

Tychy, 2019-11-15

Name:

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