

USER MANUAL

Maxcom **MM831** Mobile Telephone



If any technical assistance is required, please contact our helpdesk at (+48) 32 325 07 00 or email us at serwis@maxcom.pl
Our website:
<http://www.maxcom.pl/>

What's in the Box:

GSM Telephone
Charger
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 – Telephone works in the GSM 900/1800 and WCDMA 900/2100 networks. Prior to switching on the phone, a SIM Card must be correctly inserted.

Mobile Telephone GSM 900/1800; WCDMA 900/2100

Big Backlit Keypad
Big, Colored Display Screen
Photo Camera
MicroSD Memory Card Slot
Big Font, Easy Menu
Speakerphone
Emergency SOS Function
Call Volume Booster
Phonebook -500 Entries
Sending & Receiving Text Messages
Speed Dial 7 Phone Numbers
Call Duration Notification
Loud Ringtone
Bluetooth®
Radio FM
Torch
Calculator
Alarm Clock
1000 mAh Battery
Idle Time: up to 380 hrs.*
Conversation Time: 10 hrs.*
Weight:88g

*- 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 recommended 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.
- No repairs or modifications of the phone are allowed. Any defects should be repaired by the qualified service only.
- Only original batteries and chargers should be used. Using other accessories might damage the phone or cause an explosion.
- The phone is not dustproof, never expose the phone to dust, metal chips, etc. as it might cause the phone to malfunction.

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

2. Getting Started

Make sure what is in the box (p. 3) prior to getting started.

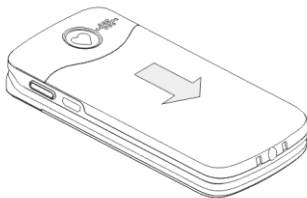
Prior to switching on the phone, a SIM Card must be inserted. Be careful not to damage the Card while inserting it.

Keep the SIM Card away from children at all times.

2.1 SIM Card, MicroSD Card & Battery Installation

The telephone has a slot for MicroSIM Cards. If you have the card of different size with no option to adjust the size to a MicroSD, contact your service provider to replace the SIM Card for the card of right size.

- Make sure the phone is switched off, and the battery is unplugged. If the phone is switched on, press and hold the red receiver key.
- Slide down the battery cover.

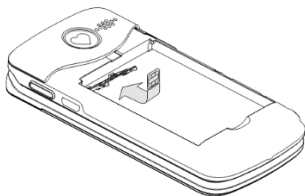


- Remove the battery by lifting it up with your fingernail from the bottom of the phone.
- Slide the lock of the SIM Card slot towards the top edge of the phone, and then gently tilt it

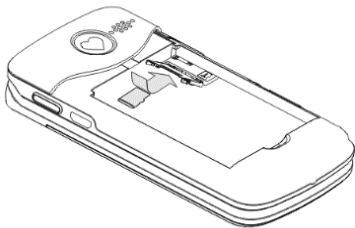
upwards.

- Insert the MicroSIM Card with its metal contacts facing downwards; pay attention to the notch on the card.

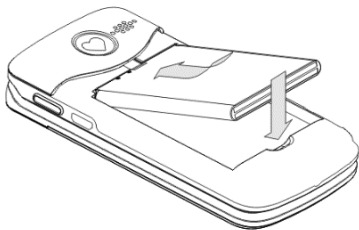
Any features that require the GSM network connection are unavailable with no SIM Card.



- Close the flap on the SIM slot, and move it toward the bottom edge of the phone.
- To install the MicroSD memory card (the slot of this card is located to the right from the SIM slot), move the flap to the right and open it. Next, insert the memory card, close the flap, and slide it toward the SIM Card slot.



- Insert the battery so that the metal contacts +/- will go toward the top edge of the phone.



- Put the battery cover back in place, and slide it upwards.

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.

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 plug in the charger while the back cover is removed.

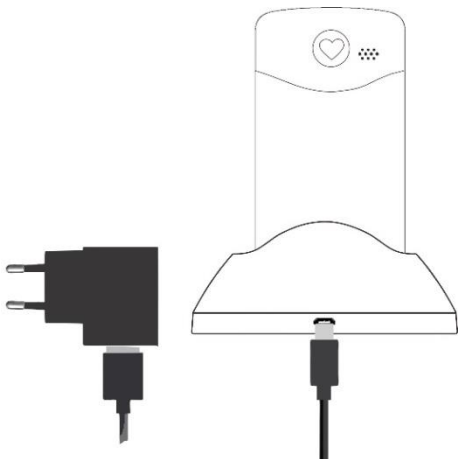
To charge the phone:

1. Plug the charger into the power outlet.
2. Plug the other end of the charger into the jack located on the right side of the phone. There will be a message about a charger being connected displayed on the display screen, and the battery icon will keep blinking while being charged. The battery icon on the phone flip will be highlighted in red.
3. As soon as the battery is fully charged, unplug the charger from the power outlet, and then disconnect the charger from the phone.

As soon as the charging process is complete, the battery icon will stop blinking, and the battery icon on the phone flip will disappear.

You can also charge the phone with a desktop charger. Plug the charger cable to the back of the desktop charger, place the desktop charger on the flat surface,

and place the phone on the charger with its metal contacts going downwards. The telephone mm831 might be charged with the phone flip either open or closed.




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 for the phone to work properly, there will be a message on the display 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 display screen, if the battery level is too low. There will be an icon of an empty battery on the screen , and the red battery icon on the phone flip will blink.

Charge the battery as soon as such a message appears.

3. Keys Location



| | | | |
|----------|-----------------|-----------|----------------|
| 1 | Volume Up Key | 17 | M1 Memory Key |
| 2 | Volume Down Key | 18 | M2 Memory Key |
| 3 | Battery Cover | 19 | Numeric Keypad |

| | | | |
|-----------|---------------------------------------|-----------|------------------------|
| 4 | Leash hook | 20 | Key: Up |
| 5 | Torch/Flash | 21 | Right Function Key |
| 6 | Photo Camera | 22 | Key: Right |
| 7 | Low Battery/Charging Diode | 23 | Key: Down |
| 8 | Missed Phone Call Diode | 24 | Red Receiver Key |
| 9 | Unread Message Diode | 25 | M3 Memory Key |
| 10 | Headset Slot | 26 | Microphone |
| 11 | Charging Contacts for Desktop Charger | 27 | Emergency Key |
| 12 | Call Speaker | 28 | Ringtone Speaker |
| 13 | Left Function Key LFK | 29 | Torch/Boost Mode Key |
| 14 | Key: OK | 30 | Torch/Boost Mode Key |
| 15 | Key: Left | 31 | MicroUSB/Charging Slot |
| 16 | Green Receiver Key | | |



3.1 Keys Primary Functions

| Key | | Function |
|------------------------|-------------|--|
| Red Receiver | | Press: go back to Idle mode, end phone call. Press & Hold: switching on/off the phone |
| Green Receiver | | Press: make phone call; in Idle mode, go to Call Log; |
| Navigation Keys | Up | Messages |
| | Down | Photo Camera |

| | |
|-----------------------------|--|
| Left | Profile |
| LFK | Function as appears on the display screen |
| RFK | Function as appears on the display screen |
| Right | Shortcuts |
| 1 | Press: digit 1 Press & Hold: Voicemail |
| 0 | Press: digit 0 Press & hold: switch on/off the torch |
| 3-9 | Press: digits 3 to 9 Press & Hold: dial assigned Speed Dial number |
| 2 | Press: digit 2 Press & Hold: ICE option– kontakty ICE and User Information |
| * | Enter symbols: *, +, P, W. While texting: special characters |
| # | Press: Change the text input mode while texting; enter the symbol # |
| | Press & Hold: Enable/disable Silent mode |
| Key: OK | Confirmation key, in most cases function identical to LFK |
| Torch/Boost Mode Key | With the phone flip open: press, and then press and hold to switch on/off the torch. |

| | | |
|--|--|---|
| | | While talking: highlight the screen, and then press to enable/disable call volume booster |
|--|--|---|

4. Using the Phone

4.1 Switching On/Off the Phone

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

If you experience any problems switching on the phone, make sure the battery is charged and properly installed.

If the prompt to enter the PIN Code appears, you must 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 can unlock the card by entering the PUK code. If you enter the incorrect PUK ten times, the SIM Card will be permanently locked.

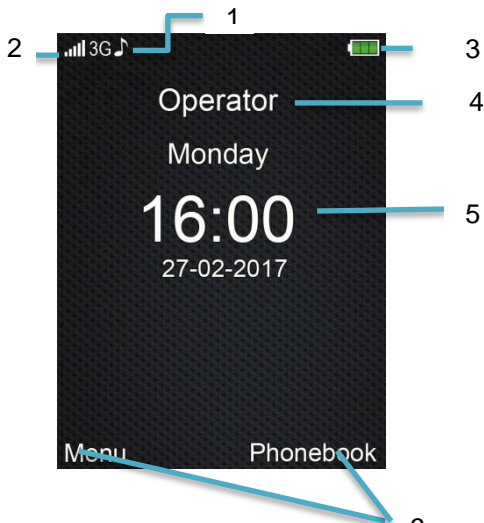
Next, while switching on the phone for the first time with a certain SIM Card (or after restoring the factory settings), an option will appear to enter the current date and time, and then an opportunity to copy Contacts from the SIM Card to the phone. First, use the numeric keypad to enter the correct time, press the key DOWN and then follow the same steps to enter the correct date, and press the Left Function Key. To move between digits use keys Right/Left. If you skip setting the date/time (Return), the phone will automatically download such data from the GSM network.

Next, you will see the prompt: Copy All from SIM to Phone? Select Yes, if you want to copy Contacts from the SIM Card to the phone memory. Otherwise, press No.









4.2 Idle Mode







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

Display Screen Description



1. Icons representing functions:

| | | | |
|---|---------------------------|---|---------------------------|
|  | Ringtone Only |  | Headphones On |
|  | Ringtone + Vibration |  | Unread Text Message |
|  | Vibration, Ringtone Later |  | Unread Multimedia Message |
|  | Vibration Only |  | Silent |

| | | | |
|---|---------------------|---|-------------------------|
|  | Alarm Clock Enabled |  | Call Forwarding Enabled |
|  | Torch On |  | Roaming Active |
|  | Missed Phone Call | | |
| Icons might vary depending on software version | | * The icon  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. Function Keys Functions

5. MENU

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

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

To confirm the function you have selected, press the key **OK** or the Left Function Key.

To return to the previous MENU (go back), press the Right Function Key.

To go to Idle mode, press the red receiver key.

After entering the main MENU, there are 9 icons visible on the display screen. Use the navigation key to move between them, or select digits 1-9 on the keypad – keys match the icons.

6. Phonebook

6.1 Adding New Contacts

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

1. You can save the number from the list of missed and received phone calls. To do so, in Idle mode press the green receiver key, select the number you wish to save, and press, „Options” (LFK). Select „Save in Phonebook”, press LFK, select where you wish to save the Contact to. Press Edit and enter the Contact’s name. Press Options>Done>Done.
2. You can add a new Contact directly to the Phonebook. In order to do so, in Idle mode press the Right Function Key, and then use the key Up to select New Contact>Options>Add. Select where you want to save the Contact to. Press Edit, enter the Contact’s name and press Options>Done. Use the key Down to go to the number box, and press Edit. Enter the number and press OK>Done.

If you selected to save the Contact in the phone, use keys RIGHT/LEFT to go to additional settings: assign a

ringtone, enter the email address, and the company name.

6.2 Viewing Contacts

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.

By pressing the key „#” you will change the text input mode.

Method 2

1. In Idle mode press the RFK
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.

By pressing the key „#” you will change the text input mode.

6.3 Editing Contacts

To edit the number or a Contact's name, select the Contact you wish to edit, and then press: Options->Edit.

Select whether you wish to update the number or name, and press Edit again. After editing, press OK to confirm.

6.4 Deleting Contacts

6.4.1 Deleting Single Contact

If you want to delete a Contact from your 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 LFK to confirm.

6.4.2 Deleting Multiple Contacts

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

1. In MENU select: Phonebook → Options → Mark Multiple
2. Select the Contact you need, and then use the key OK to mark/unmark Contacts to be deleted.
3. Next select: Options→Delete Multiple→Yes.

6.4.3 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 SIM Card or the phone memory, and press Yes to confirm.

6.5 Copying Contacts

6.5.1 Copying Single Contact

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

1. In MENU select Phonebook
2. Select the Contact you wish to copy
3. Press Options → Copy and select where you want to copy the Contact to, and press the Left Function Key.

6.5.2 Copying Multiple Contacts

If you want to copy some Contacts from the SIM Card to the phone, or from the phone onto the SIM Card, do as follows:

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

6.6 Transferring Contacts

You can transfer Contacts from the SIM Card to the phone memory, or from the phone memory onto the SIM Card. To do so, select MENU → Phonebook → Options → Settings → Transfer All. Then follow the same steps as in Copying Multiple Contacts (see chapter **Error! Reference source not found.**).

6.7 Sending Text Message to Multiple Recipients

In MENU select Phonebook → Options → Mark Multiple, and then:

- Send Text Mssg, if you want to send a text message to multiple recipients.

6.8 Phonebook Settings

6.8.1 Preferred Memory

In MENU select: Phonebook → Options → Settings → Prefer. Memory, to select which memory is be used for displaying Contacts in the Phonebook.

6.8.2 Speed Dial

In MENU select: Phonebook → Options → Settings → Speed Dial → Status, to enable or disable Speed Dialing. If Speed Dialing is enabled, and there are phone numbers assigned to the keys 3-9, 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 you wish to assign a number to, press the LFK, select the phone number from the Phonebook, and press the LFK again.

6.8.3 Additional Numbers

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

6.8.4 Memory Status

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

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

7. Phone Calls

7.1 Direct Dialing

1. Enter the phone number of person 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 to make a phone call to the number you have just dialed.
3. To finish the phone call, press red receiver.

7.2 Dialing Number from Phonebook

In Idle mode, press the Right Function Key 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 a letter eg. U, press the key 8 twice. To call the selected number, press the green receiver key.

7.3 Dialing Number from Call Log

Press the green receiver key when the phone is in Idle mode to go to Call Log. Press the key Right to go to the list of dialed, missed or received phone calls. Press the keys UP/DOWN to scroll up/down the Call Log. Press the green receiver key to make a phone call.

7.4 Speed Dial

If you have already assigned Contacts to keys 3-9, in Idle mode press and hold a selected key to make a phone call.

7.5 Adjusting Phone Call Volume

While having a phone conversation, press the key PLUS (+) on the left side of the phone or MINUS (-) to adjust the phone call volume up or down.

7.6 Options While Calling

7.6.1 *Speakerphone*

To enable the speakerphone while talking on the phone, press the Right Function Key. To disable the speakerphone, press the key again.

7.6.2 *Boost Mode (additional call volume boost)*

If the regular phone call volume is too low, you can boost it. To do so, while having a phone conversation, with the display screen highlighted, press the Torch/Boost key located on the right side of the phone.

If the mode is enabled, there will be a green symbol of a tube on the display screen.

7.6.3 Other Features

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

- Suspend: suspends a phone call
- End phone call: ends connection
- Phonebook: allows you to enter the Phonebook, eg. to check the phone number
- Call Log: allows you to view the Call Log
- Messages: allows you to view received/saved messages
- Voice Recorder: allows you to record a phone call
- Mute: enables/disables the microphone.

7.7 Answering Phone Calls

To receive an incoming phone call, press the green receiver.

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

To mute an incoming phone call, press PLUS (+) or MINUS (-).

8. Call Log

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

Missed Phone Calls (to have missed phone calls displayed). If there are any phone calls you have missed, in standby mode a symbol of a receiver will appear in the

top left corner of the display screen, and the green symbol of receiver will blink on the phone flip.

Dialed Numbers (to have dialed numbers displayed).

Answered Phone Calls (to have answered phone calls displayed)

All Phone Calls (to have all phone calls displayed).

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


Important: To view all phone calls in the Call Log, all you need to do is to press the green receiver key in standby mode.

Each type of phone calls is represented by a symbol of different color.


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

- **Call**, makes a phone call to a certain 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 a new number to the Phonebook
- **Edit Before Calling**, allows you to edit the number prior to making a phone call.
- **Delete**, deletes a certain entry
- **Delete All**, deletes all phone calls
- **Mark Multiple**, allows you to delete marked phone calls
- **Advanced**, allows you to view time of phone calls.

9. Text & Multimedia Messages

The phone allows you to send and receive text and multimedia messages (MMS). If there is a blue icon of envelope blinking on the phone flip, and the icon  is displayed on the display screen, there is at least one unread message on the phone.

To enter MENU Text Messages in Idle mode press the Left Function Key, and then select Messages → Inbox.

When the Inbox is full, the icon  on the display screen will blink. Delete messages from the Inbox to solve the problem.


9.1 Creating & Sending Text Messages

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

be saved in the Drafts folder. You can allow sent messages to be automatically saved, to do so go to MENU and select: Messages→ Settings→ Text → 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, and then select Options and Send.

9.2 Viewing & Replying to Text Messages

1. If there is an icon of unread message on the display screen or if you want to view unread messages, in MENU select: Messages → Inbox. To view a message, press the key OK. While viewing, you can use additional options by pressing the LFK.
2. The icon  next to a message means the message has not been viewed yet.

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

- Reply by Text: create a text message to the sender
- Reply by MMS: create a multimedia message to the sender
- Call: call the sender
- Delete: delete a message
- Forward: allows you to forward a message to another recipient.
- Save in Phonebook, allows you to save the Sender's name in the Phonebook
- Advanced: allows you to use the number, email

address or URL, etc.

- Editing Options, you can select either a text in part or in whole, and copy it.

9.2.1 Creating & Sending Multimedia Messages

1. Enter MENU and then select: Messages->Create Message->MMS, to open the message editor.
2. Type your message.
3. Press Options, and select whether you wish to add a photo, sound file or video, and then indicate the file you want. Important: the phone does not convert oversized images. If the image is oversized, you will be notified about it.
4. Press Options->Send To and select whether you want to dial the number manually or select it from the Phonebook (you can select multiple recipients). Select the number and press OK. To send a message, press Options>Send.

9.3 Text Message Inbox

9.3.1 Inbox

Displays received messages listed in order by the date they have been received.

To scroll up and down within the Inbox, use the keys **UP** & **DOWN**.

To have additional options displayed, press „Options” while viewing the Inbox.

- Preview: allows you to view a message
- Reply by Text: create a text message to the sender
- Reply by MMS: create a multimedia message

- Call: call the sender
- Forward: allows to forward a message to another recipient
- Delete: delete a message
- Delete All: delete all messages from the Inbox
- Save in Phonebook, allows you to send the Sender's number in the Phonebook.
- Mark Multiple: delete marked messages
- Mark As Unread, updates the message status to unread.

9.3.2 *Sentbox*

If you use the option: Save Sent Messages, sent messages will be saved in the folder „Sentbox”. To navigate within the Sentbox, use the keys **UP** and **DOWN**.

9.3.3 *Drafts*

You can save unsent messages in the folder „Drafts”. To do so, type your message, and after pressing the Left Function Key select „Save”. Go to Drafts to send, delete or edit saved messages.

9.3.4 *Outbox*

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

9.3.5 *Templates*

There are ready to go text messages for quick use in the box Templates. A template might be customized as needed.

9.4 Deleting Messages

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

9.5 Message Settings

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

9.5.1 Text Messages

- SIM
 - **Text Message Center Number:** It works as an intermediary between users while sending a text message. To send a text message 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)
- **Reply Path:** allows you to enable/disable the reply path
- **Voicemail:** allows you to set the number for the voicemail server

- Memory Status

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

- Save Sent Messages

Allows you to enable/disable sent messages to be saved.

- Preferred Memory

Allows you to select 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, and automatic signature.
- **Sending**: allows you to set delivery reports, priority, automatic save.
- **Downloading**: allows you to download multimedia messages in your home network and roaming, and to set message filters.
- **Preferred storage**: allows you to select a location for messages to be stored
- **Memory Status**: allows you to check the memory status.

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 → SIM→Voicemail and enter the number you want.

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

10. E-mail Messages

Select:

Menu-> Messages-> E-mail.

In order to receive e-mails on the phone MM831, an email account must be configured in compliance to the mail account service provider's guidelines.

IMPORTANT!

While configuring the GMAIL account, you might come across some problems resulting from Google policy as they prefer using Google tools only to serve an email account. Therefore, you might experience some difficulties in receiving or sending email messages although the account has been configured as required – in such a case, email account options should be properly set.

11. Tools

11.1 Calendar

To enable the calendar, in MENU select: 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 event. You can select type of even, what time it starts and ends, subject, description, and enable sound alert. To save an event,

after selecting all options go to Start, End or Alert, and press the Left Function Key (Save)

- Delete event: allows you delete events: all, past, or from a certain time period
- Go to Date: enter the date you want to go to
- Go to Current Date: allows you to go to today's date
- Week View: go to a different calendar view.

11.2 Calculator

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

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

11.3 Alarm Clock

You can set five independent alarms in the phone. In order to enable the alarm clock in MENU select: Tools → Alarm Clock. Select an alarm of your choice and press Edit. You can enable/disable the alarm clock, set the time for your alarm clock to go off, ringtone, 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 Left Function Key to disable the alarm clock. Press the Right Function Key to snooze; the alarm will go off again in 5 minutes.

11.4 Torch

This option allows you to switch on/off the torch. You can also switch on the torch by pressing the key located on the right side of the phone. To do so, press the key for a while, and then press and hold it until the torch will switch on.

11.1 World Clock

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

11.2 File Manager

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

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

After opening the folder, there are following options available under the left program key:

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

12. Network Features

12.1 Internet

The Internet browser on the phone allows you to access majority of websites. To go to the Internet browser, in MENU select:

Network Features->Internet->Homepage (default website of the service provider) or Search or enter URL (any website).

To use the Internet, proper data account is required – the phone has preinstalled settings of some operators.

To add a new data account, select:

MENU>Settings>Connectivity>APN Profile>Options>Add APN Profile.

The display screen resolution might make websites look different than originals. Some details of websites might be lost.

For more information about service, pricelist, and user manuals contact your service provider. Using the Internet requires data transfer – additional charges might apply.

Configuration settings required to view the Internet might be received from your service provider, see chapter 16.8.2 APN Profile.

Remote phone configuration might be available with some service providers.

12.2 SIM Card Features

Independently from the phone features, the SIM Card might offer additional options. Name and functions of such menu depend on the type of available service. Some features that require the Internet connection might be unavailable.

12.3 Facebook

There is an easy client of Facebook installed on the phone. After logging in, you can use some FB features. Important: additional charges might apply for using FB due to data transfer.

13. Photo Camera

The telephone allows you to take photos and record videos.

To enable the camera, in MENU go: Camera. After the camera is enabled, 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, 1600x1200, 2048x1536), press Options->Image Settings->Image Size.

To take a photo, press the key OK. The image will be automatically saved. Make sure not to move the phone 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 | Activate the image viewer |
| Camera Settings | Allows you to change the camera settings such as anti-flicker, self-timer, flashlight, contrast, EV, shutter sound |
| Image Settings | You can resize the image and change the quality of the image |
| White Balance | Allows you to adjust white balance |
| Scene Modes | Automatic or Night |
| 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 images, install the MicroSD memory card.

- 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 MMS, via Bluetooth® or e-mail.
- Use As, an image might be set as a wallpaper,
- Rename, allows you to rename the image
- Delete, deletes the image

- Sort by, sorts images by a selected parameter
 - 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 view additional options:
- View – enabled a slide show
 - Use As – you can use a photo as a wallpaper
 - Send – send photo as a multimedia message, via MMS, Bluetooth® or E-mail
 - Image details – you can view the image details.

Press the keys 1 or 3 to rotate the image left or right.
Press the keys 4 and 6 to zoom in and out the photo.

14. Radio FM

The phone has a built-in radio FM. In order to improve quality of reception, we recommend using headphones as they double as an antenna or placing the phone on the desktop charger.

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 there is the option Play in Background, press the key OK to stop it prior, and then press the red receiver. Otherwise, the radio will keep playing all the time.

Keys functions while playing the radio:

- RIGHT: automatic search the for next radio station
- LEFT: automatic search for the previous radio station
- UP: increases frequency by 0,1 MHz
- DOWN: decreases frequency by 0,1 MHz
- Plus (+): volume up
- Minus (-): volume down
- Red receiver: returns to menu
- Keys 1 – 9: selecting the radio station from the list of channels (must be saved radio stations).

To enable the radio to play from the speaker (with the headset on), select Speaker in Radio FM Settings.

15. Multimedia

15.1 Image Viewer

In MENU select Multimedia → Image Viewer. You can view images you have previously taken. Available options are the same like in Photos as described in chapter **Error! Reference source not found.**

The phone supports images in bmp, jpg, png, gif formats.

15.2 Video Recording

In order to enable a video camera in MENU select Video Camera. To set the recording option, 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 Memory Card.

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

15.3 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 playing, press the key OK. To stop playing, press DOWN. To full screen the image, press the key UP.

The telephone supports files in AVI and 3GP formats. While viewing the list of recordings, press „Options“, to access additional options:

- Play
- Send
- Rename

- Delete.
- Delete All
- Sort by
- Memory.

15.4 Audio Player

Use the audio player to play recorded audio files. They must be in the folder My Music. If there are new files recorded or added, after switching on the player, select Playlist>Options->Refresh Playlist. To play or pause, press the key OK. If you don't want files to be played in the background, before leaving the player press OK to stop playing.

You can move between the previous and next audio file by pressing navigation keys 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 sequence of files to be played.

Volume might be adjusted by pressing the keys + (plus) and – (minus).

The phone supports files in: WAV, AAC, AMR formats.

15.5 Voice Recorder

You can record music and surrounding sound.

- Select in MENU: Multimedia → Voice Recorder
- To start or pause recording, press OK
- 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 (playlist, location to save files, recording quality).

16. Settings

Select in MENU: Settings, and then go to:

16.1 Profiles

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

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
- Open Phone Flip Beep
- Close Phone Flip Beep
- Warning alerts (for instance low battery alert)

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

16.2 Phone Settings

16.2.1 *Setting Time and Date*

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 time and date. To move 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 downloaded from the network).

Option Update After Time Zone Change allows you to enable/disable the automatic update after the time zone has been changed.

Option Auto Time Update allows you to decide whether after switching on the phone the time is to be automatically set, after confirmation only, or not to be set at all.

16.2.2 *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.

16.2.3 Preferred Text Input Mode

Select what mode you want to use to enter a text: Abc, abc, ABC lub 123.

16.2.4 Display Screen

- Backlight: allows you to set time for the screen to be backlit.
- Keypad Backlight: allows you to select keypad backlighting mode: on, off, by User (see next point)
- Disable Keypad Backlight At: allows you to set time for the keypad backlight to be off
- Wallpaper: allows you to customize the wallpaper
- Watch While Charging: allows you to enable the watch to be displayed while charging.

16.2.5 Themes

There are three themes installed on the phone that change the wallpaper and the phone's look. Select the theme you want to press: Enable.

16.2.6 Font Size

You can select the font size for the phone menu, messages, Phonebook, etc. Sizes from 24 to 34 are

available (service provider's name, watch and date size on the home screen can't be changed).

16.2.7 Shortcuts

You can select some options to be available if you assign Shortcuts to navigation keys.

16.2.8 Navigation Key

This option allows you to set functions to keys in Idle mode: Up, Down, Right, Left

16.2.9 Flight Mode

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

You can, however, call the emergency number 112, as long as the phone is within the GSM reception.

16.3 Saying Number Outloud

16.3.1 Of Keys

If the option Settings->Saying Key Outloud is enabled, digits will be pronounced as they are being dialed.

16.3.2 Of Incoming Phone Call

If the option is enabled, and if there is an incoming phone call, instead of standard ringtone you will hear the digits of the Caller's phone number said outloud.

16.4 Phone Calls Settings

16.4.1 *Hiding Caller ID*

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

Select „Establishes Network”, „Hide Caller ID” or „Display Number” and press „Ok”.

16.4.2 *Call Waiting*

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

In MENU select: Settings ->Call Settings->Call Waiting you can check availability status, and decide whether to enable such an option.

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 beep of a second call. You can answer the second incoming phone call and suspend the first one.

16.4.3 *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 Call Forwarding in MENU select: 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 forwards.**

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

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

16.4.4 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. In MENU go to:
Settings → Call Settings → Call Barring
2. You can select the type of phone calls you wish to restrict. 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 barring code.

16.4.5 Advanced Settings

- Auto Re-Dial: If this option is enabled and if you fail to make a phone call, the phone will automatically redial the number

- **Call Volume Booster:** You can permanently boost the call volume (boost); this option will be active every time you talk on the phone.
- **Call Duration Reminder:** You can set the phone to remind you about duration of the phone call. Every predefined period (31-60sec) 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.
- **Answering phone call notification:** If this option is enabled, the phone will vibrate as soon as the User answers a phone call.
- **Answering Phone Calls:** You can set an incoming phone call to be answered by pressing any key, or automatically, if the headset is on.

16.5 Network Settings

- **Network Selection:** You can manually or automatically select a service provider.
- **Service Selection:** You can select 2G (GSM) network only, 3G (WCDMA) network only or automatic network selection.
- **Information About Network:** This option allows you view basic information about the network.
- **GPRS Connection:** This option allows you decide for the GPRS connection to be made always or on demand.
- **Preferred transfer GPRS**

- **HSPA Preferences:** This option allows you to disable HSPA, enable HSDPA or HSDPA/HSUPA.

16.6 M1/M2/M3 Memory

Select MENU>Settings>M1/M2 Memory, and then select the key to assign a Contact to. Next, select the option: Select Contact to mark the Contact you need. Press OK to confirm. To call the assigned Contact, in standby mode press the key M1 – M3 and press the Left Function Key to confirm your selection.

16.7 Emergency Settings

If there is no emergency number selected, after pressing and holding the SOS key, the number 112 will be dialed.

You can set four emergency numbers. Press and hold the key SOS (located in the back of the phone) to enable the emergency mode. The phone will enable the emergency mode and it will call previously assigned emergency Contacts, one by one. The phone will dial each Contact three times. The phone will dial the next emergency number, if the previously dialed number fails to answer for 20 seconds.

If the emergency call is answered, the phone will enable the speakerphone, and the emergency procedure will be ended.

If all assigned numbers fail to answer the emergency call, the phone will automatically send an emergency text message to assigned numbers (if the option is enabled) with the information about the User's health condition, and it will remain in the emergency mode for an hour; it means that the first incoming phone call will automatically be answered in speakerphone. To disable the emergency mode, press and hold the SOS key.

16.7.1 Entering, Deleting, and Editing Emergency Contacts

You can assign up to 4 emergency numbers.

To quickly assign an emergency number, go to the main MENU. Then select: Settings->Emergency Settings->ICE Contacts. Select the entry to be updated, press Options, and select:

Edit, to update previously saved emergency number or to manually enter an emergency number.

Add from Phonebook, to add a new emergency number from the Phonebook, after selecting the number you wish to add, press OK to confirm.

Delete to delete previously saved emergency number.

Delete All, to delete all emergency numbers.

16.7.2 User Information

In MENU select Settings->Emergency Settings.->User Info to enter the User's name, his/her diseases, allergies, and blood type.

Such information will be displayed after pressing the key „2”(ICE).

16.7.3 Emergency Message

You can update the emergency text message to be sent during the emergency procedure. The default text reads: „*Emergency! Call Me*“. To update the emergency text, in MENU select Settings->Emergency Settings->Emergency Message->Emergency Message ->Edit. Enter the text as you wish and press OK.

You can enable/disable to send an emergency message in the emergency mode. To do so, select in MENU: Settings>Emergency Settings->Emergency Message->Status.

16.7.4 Disabling Emergency Ringtone

You can enable/disable the emergency ringtone while making the emergency call. To do so, select in MENU: Settings->Emergency Settings ->SOS Ringtone

16.7.5 SOS Message

If the SOS Message is enabled, and the emergency phone call is answered, the recipient will hear the message: „Emergency Call, press 5 to answer“. If the recipient does not press the key 5 for 10 seconds, the phone will dial the next emergency number as assigned. Pressing 5 to answer the phone call is necessary to make sure the emergency phone call is answered by a human, not a voicemail.

The SOS Message might be disabled only if we are positive that all assigned Emergency Contacts do not forward their phone calls to voicemail (when busy, does not answer, out of reach, unavailable).

16.7.6 SOS Key

You can enable/disable the SOS Key. To do so, in MENU select: Settings->Emergency Settings->Status.

16.8 Connectivity

16.8.1 Bluetooth®

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

Select in MENU: Settings → Connectivity and go to Bluetooth.

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

| | |
|----------------------|---|
| Bluetooth Status | Enable/Disable Bluetooth |
| Visibility | Enable, so that other people will find your phone |
| My Devices | Devices you have been connected to before |
| Search Audio Devices | Searching for audio devices only |
| My Name | Select a name for your device |
| Advanced | You can set audio access path and check Bluetooth address |

Files received on the phone mm831 are saved in the folder Received.

16.8.2 APN Profile

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, select Options and select what you wish to do.

You can get the APN proper configuration from your service provider. Remote configuration might be available with some service providers.

16.8.3 Data Services

Select in MENU: Settings->Connectivity->Data Services. You can completely disable data or allow data to be downloaded only in your home network, in domestic or international roaming.

16.9 Security Settings

16.9.1 PIN Code

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

16.9.2 Securing the Phone

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.

16.10 Restoring Factory Settings

This option allows you to restore factory settings. Select in MENU:

Settings → Restore Factory Settings, and then enter the security code. Press the green receiver key to confirm.

Warning: Default security code: 0000

17. 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 into the USB port in the computer
- there will be a message on the display screen: „USB Memory” and „Port COM”. Select „USB Memory”.j

18. 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). |
|----------------------------|---|

| | |
|--|--|
| | 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. |
| “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 red receiver key 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. |

| | |
|--|--|
| <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>„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> |

| | |
|--|--|
| “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). |
|--|--|

19. Safe Use

- Never use the phone if it might interfere with work of other devices!
- Never use the phone without a headset while driving.
- The telephone emits electromagnetic field that might negatively interfere with other electronic devices including medical equipment. A distance recommended by the medical equipment manufacturers between the phone and the implanted medical device such as a heart pacemaker should be observed. Users with implanted devices should get familiar with and follow guidelines by the manufacturers of such implanted medical devices. Users with a heart pacemaker should not carry the phone in the breast pocket and should keep the phone next to the ear opposite to the medical device in order to minimize the risk of interference; in case of suspecting such interference, the phone should be switched off immediately.
- Never use the phone in hospitals, airplanes, refueling

points or at proximity to flammable materials.

- Never repair nor modify the phone on your own; all repairs should be made by authorized service only.
- A device and its accessories might contain small parts. Keep the phone and all parts out of reach of children.
- Never clean the phone with any chemicals or corrosives.
- Never use the phone in proximity to credit and pay cards – doing so might cause data to be lost.
- Because of your own safety, do not talk on the phone while the charger is plugged in.
- The phone is not waterproof, do not expose the phone to water or any other liquid. Do not place the phone wherever it might get splashed by water or other liquid.
- Never expose the phone to either low or high temperature, and direct sunlight. Use the phone in temperature between -10°C up to 40°C.
- Do not place the phone next to heating devices such as radiators, heaters, ovens, furnaces, camp fires, barbeque, etc.
- Protect your hearing:



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

1. Terms of Warranty

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

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

Above disclosures are for information purposes only.

2. 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!

3. 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 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 | 0.183 W/kg 10g (GSM900) 0.065 W/kg 10g (GSM1800) 0.291 W/kg 10g (WCDMA 900) 0.291 W/kg 10g (WCDMA 2100) |
| SAR – device next to body | 1.45 W/kg 10g (GSM900) 0.584 W/kg 10g (GSM1800) 0.917 W/kg 10g (WCDMA 900) 0.975 W/kg 10g (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.

4. Protect Your Environment

Important: The phone is marked in compliance with the European Waste Electrical and Electronic Equipment Directive of 2002/96/UC 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.

5. Declaration of Conformity



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Deklaracja Zgodności 03/2017/EC

Maxcom S.A., ul. Towarowa 23a, 43-100 Tychy deklaruje z pełną odpowiedzialnością, że:

Trzyzakresowy telefon komórkowy GSM + UMTS do użytku w publicznych sieciach:

900/1800/2100MHz

Maxcom MM831

jest zgodny z dyrektywą Parlamentu Europejskiego i Rady 2011/65/UE (RoHS) z dnia 8 czerwca 2011r. w sprawie ograniczenia stosowania niektórych niebezpiecznych substancji w sprzęcie elektrycznym i elektronicznym oraz spełnia wszystkie kluczowe wymagania Dyrektywy 1999/5/EC - R&TTE (Wyposażenie radiowe i terminali telekomunikacyjnych).

Telefon jest zgodny niżej wymienionymi normami zharmonizowanymi.

Ochrona zdrowia
i bezpieczeństwo:

EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013

SAR: EN 50360:2001+A1:2012; EN 50566:2013

Kompatybilność
elektromagnetyczna EMC:

ETSI EN 301 489-1 V1.9.2 (2011-09)
ETSI EN 301 489-7 V1.3.1 (2005-11)
ETSI EN 301 489-17 V2.2.1 (2012-09)
ETSI EN 301 489-24 V1.5.1 (2010-10)

Łączność radiowa:

ETSI EN 300 328 V1.9.1 (2015-02); ETSI EN 301 511 V9.0.2 (2003-03)
ETSI EN 301 908-1 V7.1.1 (2015-03); ETSI EN 301 908-2 V7.1.1 (2015-12)

Procedura badania zgodności, o której mowa w artykule 10 i która została wyszczególniona w załączniku [IV] Dyrektywy 1999/5/EC, została przeprowadzona przy współudziale następującej instytucji:

Bay Area Compliance Laboratories Corp., Notified Body No 1313,

Raporty techniczne i świadectwa badań:

RSZ170122001-20
RSZ170122001-03
RSZ170122001-02
RSZ170122001-22A
RSZ170122001-11
RSZ170122001-22B

Dwie ostatnie cyfry roku, w którym naniesiono oznakowanie CE : 17

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"MAXCOM" S.A.
PROJECT MANAGER
Adam Grzyś

Tychy, 20 marca 2017
miejscowość, data

imię i nazwisko osoby upoważnionej

KRS: 00004101970

NIP: 6462537364

REGON: 277703221

KAPITAŁ ZAKŁADOWY: 102 000,00 zł

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

For technical assistance please call **+48 32 325 07 00**
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