

If there are any problems with the phone, contact the Maxcom technical assistance, or return the item to the Seller.

For assistance, please call the hotline:  
**+48 32 325 07 00**

**User Manual, Short Version**  
**GSM Mobile Phone**

**Important:** The telephone works in the GSM 900/1800MHz network. Prior to switching on the phone, at least one SIM Card must be properly installed.

**1 INTRODUCTION**

This Manual has been published by the Manufacturer. The Manufacturer reserves the right to make any updates and modifications arising from errors and inaccuracies in current information or from any upgrades in the telephone and software without prior notification; such updates, however, will be reflected in newer versions of the Manual. For more information or for any form of assistance go to the website at [www.maxcom.pl](http://www.maxcom.pl). The entire content of this Manual is copyright by the Manufacturer.

The full copy of the User Manual is available online at <http://www.maxcom.pl>

Copyright and trademarks as mentioned in this Manual remain the property of their owner. Reproduction, transmission, storing, or dissemination of any material, in whole or in part, covered by copyright, without prior written consent, are strictly prohibited.

**2 TECHNICAL SPECS:**

- Color Display Screen: 2.4" 240 x 320 pix
- Photo Camera 0,3 Mpix
- Two SIM Cards
- Phonebook: Up to 300 Entries
- Text Message Memory: Up to 300 Messages
- Torch
- Radio FM
- Audio & Video file player
- MicroSD up to 32 GB
- Battery: 800 mAh
- Idle Time: up to 300 hrs \*
- Conversation Time: up to 7 hrs\*
- Weight: 81g
- Dimensions: 122.57 × 52 × 14 mm

\*depending on conditions and the GSM signal strength

**3 WHAT'S IN THE BOX**

- GSM Telephone
- Charger
- USB Cable
- Battery
- User Manual, Short Version

**Important:** Keeping the package is highly recommended as it might be used for transport.

Keep the receipt as it is necessary for warranty.

**4 ACCESSORIES**

Use only batteries, chargers, and accessories recommended by the phone's Manufacturer. Check with your Seller what accessories are available in your area.

**5 SAFETY PRECAUTIONS**

**Important:** Reading these guidelines presented below will minimize the risk of misusing the phone.

- **USING:** The telephone emits electromagnetic field that might negatively interfere with other electronic devices including medical equipment.
- Never use the phone in any area where the use of mobile phones is prohibited such as hospitals, airplanes, refueling points or in close proximity to flammable materials. Using mobile phones in such places might expose others to danger.
- Never use the phone without hands-free accessories while driving.
- The device and its accessories might contain small parts. Keep the phone and all parts out of reach of children.
- **SERVICING:** Never repair or modify the phone by your own. Only qualified service is authorized to repair the phone.
- **CLEANING:** Never use any chemicals or corrosives to clean the phone.
- **TORCH:** Never look directly into the stream of light.
- **HEARING DEVICE:** If the user has a hearing device, phone volume and hearing aid sensitivity should be carefully adjusted.
- **ELECTRONIC MEDICAL DEVICES:** The phone is a radio transmitter that might interfere with electronic medical devices or implants such as hearing aid, heart pacemakers or insulin pumps.

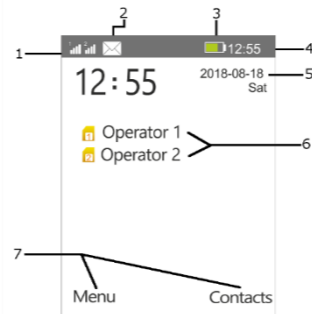
A minimum distance of 15 cm is recommended to be kept between a telephone and an implanted medical device. For more information, consult your physician or manufacturers of such medical devices.

- **ELECTRONIC EQUIPMENT:** To minimize the risk of degaussing, never let electrical devices stay close to the phone for 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 areas with high concentration of dust.
- **DISPLAY SCREEN:** Never press the display screen too hard and never use sharp tools as it might damage the phone.
- Never press battery contacts with metal objects as it may explode.
- Never expose the phone to low or high temperatures, direct sunlight or high humidity. Never place the phone next to heating devices such as radiators, heaters, ovens, furnaces, camp fires, barbeque, etc.
- Protect your hearing!



Prolonged exposure to loud sounds might damage your hearing. Listen to music at a moderate level, and do not hold the phone too close to an ear while using a speakerphone. Set the volume to a safe level prior to connecting a headset.

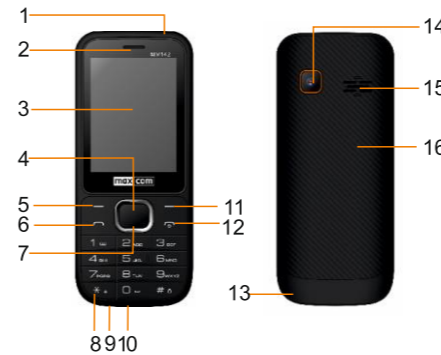
**6 DISPLAY SCREEN DESCRIPTION**



1. Signal Strength.
2. Icons showing options (see the chart below).
3. Battery Level
4. Time
5. Date.
6. Service Provider's Name.
7. Options under function keys.

Symbol	Meaning
	Signal Strength SIM1 and SIM2
	Unread Text/Multimedia Message
	Enabled Bluetooth ®
	Alarm Clock On
	Battery Level
	Headset On
	Profile Currently in Use
	Missed Phone Call
Icons might vary depending on software version	* The icon  also appears in case of domestic roaming when the subscriber uses the other service provider's network.

**7 PHONE DESCRIPTION**



1	Torch	9	Headset Slot.
2	Speaker	10	USB slot lets you charge the phone and connect the phone to a computer in order to transfer data.
3	Display Screen	11	Right Function Key (RFK) allows you to use options as shown in the bottom right corner of the display screen.
4	OK Key (middle function key): in Idle mode, press this key to directly enter the main Menu. Functions of this key and of the Left Function Key are almost identical.	12	End Call Key is used to switch on/off the phone, End/Ignore lets you end phone call or reject an incoming phone call. Press and hold to switch ON or OFF the phone. The key restores Idle mode when the phone is in other options.
5	Left Function Key (LFK) allows you to use the option as shown in the bottom left corner of the display screen.	13	An opening to help you to remove the back cover.
6	Make/Receive Call Key.	14	Camera Lens.
7	Navigation key allows you to move the cursor left, right, up and down or to navigate in menu. In Idle mode, press Up/Down/Left/Right to directly display a certain menu (depending on the way they were assigned [Settings->Phone Settings >Shortcut Settings]).	15	Ringtone Volume
8	Microphone	16	Back Cover

**Important:** In order to save energy, after certain time, the display screen automatically goes to sleep mode. Press any key to enable the display screen backlight. If the display screen backlight turns off while the keypad is locked, press the Left Function Key, and then "-" to unlock.

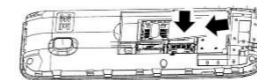
**8 GETTING STARTED**

**8.1 SIM CARD INSTALLATION**

The telephone can hold two SIM cards (one is micro). Insert at least one SIM Card into the phone prior to using it. You will receive the SIM Card from your service provider. Keep the SIM Card away from children. Any scratching or bending might easily damage a SIM Card. Therefore, pay close attention not to damage the SIM Card while inserting, removing, and storing it.

**Important:** Never insert or remove SIM Cards while the phone is connected to the charger. Prior to removing the battery, make sure the phone is switched off.

Enter the SIM Card into the SIM card slot so that its gold contacts will face down into the phone as shown in the illustration below:



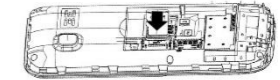
**8.2 MEMORY CARD INSTALLATION**

You can install a Micro SD memory card up to 32GB. To use a camera, video camera, audio/video player, voice recorder, photo gallery, and to receive/send multimedia messages, installing MicroSD card is required (the card is not included in the box).

Never bend or scratch the memory card, never expose the card to electrostatic energy or dust, never immerse the card into water.

1. First, switch off the phone and remove the battery.
2. Insert the memory card so that gold contacts will face down, see the illustration below.

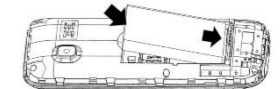
While using the memory card, be very careful specially while inserting and removing the card. Some memory cards require to be formatted on the computer prior to using it for the first time.



**Important:** If you use SD cards, on the regular basis make backup copies of any data stored on cards in other devices. Misuse of the card or other factors might cause damage or loss of entire data stored on the card.

**8.3 BATTERY INSTALLATION**

1. Place your fingernail in the little opening on the side of the phone, and lift the back cover.
2. Insert the battery so that its metal contacts will face down into the phone, see the illustration below.
3. Place the battery cover in position (on the back of the phone).



**8.4 REMOVING BATTERY**

Switch off the phone, lever up the back cover from the bottom of the phone, then lift the back cover and remove the battery.

Removing the battery might cause loss of any settings and data saved on the card and in the phone. Remove the battery only when the phone is switched off. Otherwise, some problems might occur.

**8.5 CHARGING BATTERY**

1. Plug the charger into a power outlet.
2. Plug the charger cable into a slot at the bottom of the phone. A battery icon will start blinking on the display screen after the charger is properly connected.

After charging is completed, and the battery icon stops blinking, plug the charger out.

When the battery is almost completely discharged, there will be a message „Low Battery” on the display screen, and the phone will emit a warning beep (if such an option is enabled: Menu->Settings->Profiles->Options->Settings->Other Notification Alerts->Low Battery); when the battery is fully discharged, the phone will automatically switch off. Do not leave the battery discharged for a long time, otherwise it might negatively impact the battery quality and life. To ensure the phone works properly, use only the charger recommended by its Manufacturer. While charging, keep the back cover in place. While charging, the phone should be placed in a well ventilated spot with air temperature between 0°C ~ 45°C. If the battery is totally discharged, it might take several minutes for the battery icon to appear on the display screen and the phone to be ready to work again.

If the phone has not been used for a long time, the battery might be "deeply-discharged"; to recover a deeply-discharged battery, leave the charger plugged in, although there will be no image on the display screen. It might take up to an hour.

**8.6 SECURITY CODES**

**8.6.1 PIN CODE**

PIN Code is the Personal Identification Number for your SIM Card and it is provided by the service provider.

PIN2 code is provided by the service provider along with SIM cards.

Some SIM cards do not have such a code.

If you enter incorrect PIN three times in a row, the SIM Card will be blocked. The card might be unblocked by using Personal Unblocking Key [PUK]. Entering incorrect PUK ten times in a row will permanently block the SIM Card.

To learn more, contact your service provider.

**8.6.2 PHONE LOCK CODE**

Phone Lock Code does not allow other people to use your phone without authorization (default code is 1234).

To protect your personal data, the default phone code should be changed.

### 8.6.3 PROTECTING YOUR PRIVACY

Using the phone code, you might block selected settings in your phone so that other people will not use such settings.

### 9 USING THE PHONE

#### 9.1 SWITCHING ON/OFF THE PHONE

Press and hold the End Call key to switch on & off the phone.

1. If there is a single SIM Card in the phone, an input text box will appear on the display screen for you to enter the phone security code and PIN (if security features are enabled). After the PIN and the phone security code are entered, the phone will go to Idle mode for a current SIM Card.

2. If there are two SIM Cards in the phone (depending on security settings) an input text box might be displayed for you to enter the PIN SIM1 and the PIN SIM2. You will be prompted to enter one PIN after the other.

If you make a mistake while entering the PIN and the phone code, you might clear your input by pressing the RFK (right function key).

After the phone is switched on, available network(s) is/are automatically searched for.

As soon as an authorized network is detected, the network name and signal strength will appear on the display screen. If there is no network available, only emergency phone calls and phone's non-calling features will be allowed.

#### 9.2 MAKING PHONE CALLS

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

Press the RFK, "Delete" to delete any mistakes you might have entered.

After the number is correctly entered, press the Make Call key, and use keys Up/Down to select which SIM Card you want to use to make a phone call, and press the Make Call key again.

1. Dialing extension numbers

Some numbers cannot be dialed directly, a call center number or a telephone exchange must be dialed first before extension number is dialed.

2. Making international phone calls.

To make an international phone call, dialing „00" or „+“ is required before dialing the actual number. To

enter „+“ press the key „\*“.

3. Dialing a number from Contacts.

Press Menu to enter Contacts, use navigation keys Up/Down to find a Contact, or type the Contact name's first letter to access the list of Contacts with names starting with this letter, and select Contact you are looking for. Press the Make Call key, select the SIM Card you want to use for making this phone call, and press the Make Call key again.

4. Dialing a number from Call Log.

Enter Call Log (press the Make Call key in Idle mode or press Menu to enter), and use navigation keys Up/Down to select a Contact you are looking for. Press Right/Left to scroll down/up between dialed, answered, rejected and missed phone calls.

#### 9.3 ANSWERING PHONE CALLS

If there is an incoming phone call, the phone will notify you by a special beep; if your network accepts the Caller ID of the person who is calling, her/his name and number will be displayed on the display screen (if there is some information about this Caller in the Phonebook).

1. Press the Make Call key or press the LFK twice to answer an incoming phone call.

2. If in [Settings->Call Settings->Other->Auto Call Recorder] the recording feature is enabled, the incoming phone call will be recorded as soon as the phone is answered.

3. If you do not wish to answer an incoming phone call, press the End Call key. To mute an incoming phone call, press the right function key.

4. While talking, select Menu to adjust volume, or to go to the Phonebook, Messages, Call Log, or to suspend phone call, mute phone call, add new phone call or start recording. Press the middle function key to enable/disable speakerphone mode. Use navigation keys Up/Down to adjust volume.

#### 9.4 KEYPAD LOCK

To lock the keypad, press the Left Function Key and then press „\*“ . If auto keypad lock is enabled, after selected time has elapsed, the keypad gets automatically locked. To unlock the keypad, press the

Left Function Key and then „\*“ .

#### 9.5 EMERGENCY NUMBER

You might directly dial the emergency number 112 with no SIM card. The European Emergency Number is 112.

#### 10 TEXT & MULTIMEDIA MESSAGES

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

To enter **MENU Messages** in Idle mode press the Left Function Key, and then select Messages->Inbox.

#### 10.1 INBOX

If you receive a text (SMS) message, you will be notified by a special beep; and a message icon will be displayed on the display screen.

Press the Left Function Key „Read“, to open the message. Press the Right Function Key „Ignore“ to view the message later, and then press OK to view the message.

If memory is full, the message "Memory Full" will appear on the display screen. To be able to receive new messages, old messages must be deleted from the Inbox. If a new message is bigger than space left in the Inbox, the message might get lost and it will be incomplete.

Enter Menu->Messages->Inbox->OK (middle function key) to read a selected message. Press the LFK „Option“, to access the following menu:

- Reply: you can reply by text or multimedia message
- Delete: the message will be deleted
- Call: call the message sender
- Block/unblock: blocked messages can't be deleted
- Transfer: a message might be transferred either to the phone or SIM Card
- Copy: you can copy a message to the phone or SIM card
- Select: select some messages to transfer, copy, block or reply to them by sending a text or multimedia message
- Sort: sort messages by time, Contact, description or type
- Add sender to: you can add the sender to a new or existing Contact
- Delete repeated numbers: this option lets you delete any messages received from the same number.
- Add to blacklist: any messages coming from this number will not be received.

#### 10.2 CREATING & SENDING TEXT MESSAGES

1. Go to Menu->Messages->Create Message, to open the message editor. Enter the Recipient's number or press the middle function key to select the number from Contacts. Select the Recipient(s) from Contacts, and press Options->OK. Use the Down key to enter the input text window, and type your message. **Changing the text input mode:** to change text input mode (digits, upper & lower case letters) press the key „#“ and use Up/Down to select what you want.

**Important:** A text message might be up to 160 characters. If Polish diacritics are used, the message might be limited to 60 characters. Information on how many characters and how many messages might be sent is displayed at the top right corner. Press the key [A] to change the text language and input mode.

2. Sending Text Messages – press the Left Function Key „Options“, to select the following options while editing the message:

- Send: text message will be sent
- Insert template: select template you wish to insert
- Insert Contact: select Contact you wish to insert
- Add emoticon: select an emoticon you wish to add
- Save as draft: select to save the message in the Drafts folder
- Ignore: leave the message without saving.

#### 10.3 CREATING & SENDING MULTIMEDIA MESSAGES

Go to Menu->Messages->Create Message->MMS, to open the message editor.

Press the Left Function Key „Options“, to select the following options while editing the message:

- Send: select this option after selecting the Recipient to send the message.
- View: allows you to preview the multimedia message.
- Add Recipient: enter the Recipient's phone number or add it from Contacts.
- Add: allows you to add a text, slide, image, sound clip, video to your message.
- Save as Draft: select to save the message if the Drafts folder.
- Set time for slideshow: select for how long each slide is to be displayed.

#### 10.4 VOICEMAIL

Voicemail is a network service to allow Callers to leave a voice message when you cannot answer the phone call. To learn more, contact your service provider. You can get a voicemail number from the service provider. The number should be entered: Menu->Messages->Voicemail. Then, select the Card you wish to enter the voicemail number on.

In standby mode, press and hold the key 1 to get to the voicemail.

#### 10.5 TEXT & MULTIMEDIA MESSAGES SETTINGS

In Menu->Messages press Options->Settings to change parameters of text/multimedia message service for SIM1/SIM2 cards.

You can select the Message Service Center Number, prioritize messages, enable/disable delivery reports, select to save sent messages and select the location for messages to be saved.

#### 11 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 moving, 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 a charge. Get a new battery if you notice a significant drop in the battery's performance.

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

**Important:** 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. Make sure to install the battery in accordance with 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.

#### 12 PROTECT YOUR ENVIRONMENT

**Important:** The phone follows the European Waste Electrical and Electronic Equipment Directive 2012/19/EU and the Polish Act on Waste Electrical and Electronic Equipment.

Such a logo tells us that the equipment, after use, must not be disposed of in the normal waste stream.



**Note:** Never throw a phone 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 facilitate recycling of materials used to produce the phone package, follow the waste sorting rules in your area.

A Li-ion battery is included in the package. 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 your geographical location.

If any technical assistance is required, contact the technical department at +48 32 325 07 00 or via email at [serwis@maxcom.pl](mailto:serwis@maxcom.pl)

**Our website:**

<http://www.maxcom.pl>

**Important:** Battery performance depends on local network conditions, SIM Card and the way the phone is used.

The Manufacturer shall not be liable for any problems/consequences arising from misuse, abuse or non-compliance with this Manual.

**Important:** The Manufacturer reserves the right to change or update current information, without a previous notice. All trademarks mentioned or used in this Manual are the Manufacturer's property.

#### 13 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 – next to head	1.053 W/kg 10g (GSM900)
	0.497 W/kg 10g (GSM1800)
SAR – next to body	0.886 W/kg 10g (GSM900)
	0.557W/kg 10g (GSM1800)

SAR values might also vary due to various reporting and testing requirements in different countries as well as to different frequencies in a certain network.

#### 14 DECLARATION OF CONFORMITY



MaxCom S.A.  
ul. Towarowa 23a / 43-100 Tychy

Tel: +48 32 327 70 89  
Fax +48 32 780 30 00

office@maxcom.pl  
www.maxcom.pl

PL

#### Deklaracja Zgodności UE 17/2018/RED

Nazwa i adres producenta:  
**Maxcom S.A., ul. Towarowa 23a, 43-100 Tychy, Polska**

Niniejsza deklaracja zgodności wydaje się na wyłączną odpowiedzialność producenta.

Przedmiot deklaracji:  
**Telefon komórkowy  
Model: MM142**

Wymieniony powyżej przedmiot niniejszej deklaracji jest zgodny z odpowiednimi wymaganiami unijnego prawodawstwa harmonizacyjnego:

Dyrektywą 2014/53/EU

Dyrektywą 2011/65/UE (RoHS)

Odwolania do odrębnych norm zharmonizowanych, które zastosowano, lub do innych specyfikacji technicznych, w stosunku do których deklarowana jest zgodność:

EN 60950-1:2006 + A1:2009 + A1:2010+A12:2011+A2:2013 EN 50360:2017 EN 50566:2017 EN 62209-1:2016 EN 62209-2:2010 EN 62479:2010	Technical Report(s): SER180328004001E SER180328004001E SZES150100010701 LCS180326123AS WSCT-IT17033321A
(Draft) ETSI EN 301 489-1 V2.2.0 (2017-03) (Draft) ETSI EN 301 489-1 V2.2.0 (2017-03) (Draft) ETSI EN 301 489-52 V1.1.0(2016-11) EN 55032:2015 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55024:2010+A1:2015 EN 55020:2007+A12:2016	Technical Report(s): SER180328005001E SER180328004005E
ETSI EN 300 328 V2.1.1 (2016-11) (Final draft) ETSI EN 303 345 V1.1.7 (2017-03) ETSI EN 301 511 V12.5.1 (2017-03)	Technical Report(s): SER180328004002E SER180328004003E SER180328004004E

Jednostka notyfikowana:  
MICOM Labs Inc., Notified Body, Oznaczenie identyfikacyjne: 2280  
przeprowadziła badania zgodnie z wymaganiami wyszczególnionymi w załączniku III, moduł oceny zgodności B Dyrektywy 2014/53/EU i wydała certyfikat badania typu UE:  
Certificate No. NTEK395-1 / 7 Jun 2018 / Rev A

Podpisano w imieniu: MAXCOM S.A.

miejsce i data wydania:  
Tychy, 2018-07-17

imię i nazwisko, stanowisko:  
Adam Grzyś, Dyrektor ds Rozwoju

KRS: 00004101970 NIP: 6462537964 REGON: 27703221 KAPITAŁ ZAKŁADOWY: 135 000,00 zł

Complains or device defects can be reported via website:

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

**Mobile service address:**

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