maxcom

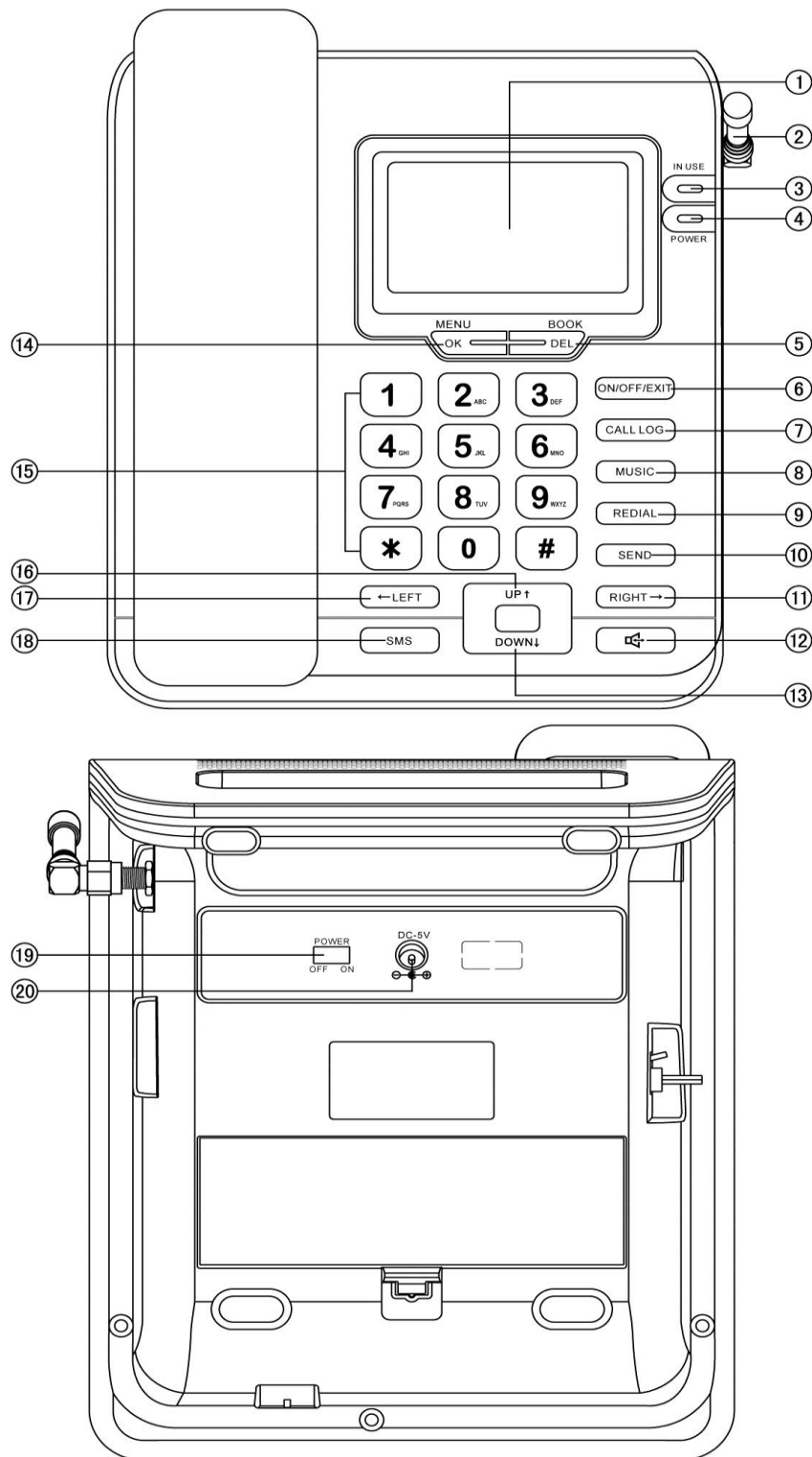# Maxcom MM28D HS

USER MANUAL

SA FETY INSTRUCTION

To use the phone properly, please read this user manual carefully and pay attention on the following precaution before use:

✧ Please charge the spare battery for at least 16 hours before the first use.

✧ Not to use the phone when driving.

✧ Move the antenna to indoor area when the lightning storm is coming. Do not use the phone when thundering.

✧ Turn off the phone when close to dangerous substances like as fuel, chemical material, or close to gas station, or on the plane and at hospital.

✧ Turn off the phone in the forbidden places. The fixed wireless phone may disturb the heart pacemaker, hearing aids and other medical equipments.

✧ The capability of the phone may be disturbed when used near to the TV, radiogram and PC or other machine equipments.

✧ Turn off the phone to clear it. Using the cloth with a little humidity or defending the static and please do not use the lotion or other chemical products to clean it.

✧ This product can produce magnetic field, so do not place it next to the magnetism storage equipment like the PC's magnetic disk and so on.

✧ Do not place it under sunlight to avoid being heated.

✧ Not to let any liquid get into the phone to avoid any damages.

✧ Pay attention on the law system of local fixed wireless phone before sending or answering the calls.

✧ Use the authorized power adapter and spare battery or it may cause danger using other power supply equipments.

✧ This product adapts the encrypt SIM card, so do not move the card to other phone or insert other SIM card into this phone, both of which may cause the SIM card-locked or damaged.

✧ As the software of the phone is continuing upgrading, please make sure you understand the operation when there is any discrepancy found on the user manual.

FEATURES

- Support SIM card read and write
- Fixed antenna, External antenna (optional) compatible
- LCD displays the number in two rows available
- Call log for 50 groups of received calls, dialed calls and missed calls
- 15 levels of LCD contrast for selection
- Interface language: Polish / Croatian / English/ Spanish/ French for selection
- LCD backlight function
- Call waiting and call transfer
- 16 kinds of incoming ringing/alarm tone for selection
- 6 kinds of power on/off tone for selection
- 2 kinds keypad tone for selection
- 7 kinds of message tone for selection
- 7 levels of ringing/key tone volume for adjustment
- 3 groups of alarm clock
- 300 memories of phonebook
- SMS functions with 200 memories of incoming and outgoing messages
- Calculator and unit converter function
- BMI index
- Handsfree dialing and Speed dialing function
- Pre-dial and redial function
- In use and power LED indicator

LOCATION DISCRIPTION

① LCD	⑥ ON/OFF/EXIT	⑪ RIGHT→	⑯ UP/↑
② ANTENNA	⑦ CALL LOG	⑫ H.F	⑰ ←LEFT
③ IN USE LED	⑧ MUSIC	⑬ DOWN/↓	⑱ SMS
④ POWER LED	⑨ REDIAL	⑭ OK/MENU	⑲ POWER(OFF/ON)
⑤ DEL/BOOK	⑩ SEND	⑮ NUMERICAL KEYS	⑳ DC-5V

TECHNOLOGY PARAMETER

✧ Environment Temperature: -10℃～+45℃

✧ Relative Humidity: 10％～95％

✧ Atmospheric Pressure: 86～106Kpa

✧ Working Frequency: E-GSM 900/1800 or 850/1900 (option)

✧ Working Power: AC220V, 50Hz, DC 5V 1000mA

✧ Backup Battery: Rechargeable battery Ni-MH   AAA 3.6V600mAh

✧ Standby Time: around 5 days

✧ Talk Time: About 2 hrs

NOTE:

The standby time and talk time are also depending on the local network and the battery use.

INSTALLATION AND CONNECTION

Battery installation

The unit requires rechargeable battery. Open the battery compartment cover and insert the batteries in the right polarity, then close the cover. Also you can connect to the DC adaptor to supply power.
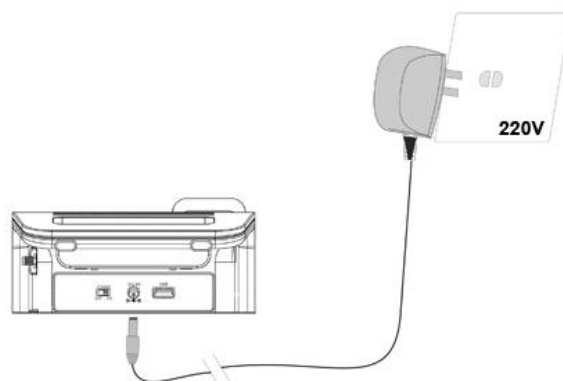
SIM card Installation

1.Open the card cover   2.Insert the SIM card   3.Close the card cover   4.Push the cover to further fasten the card

NOTE:

● Make sure to turn off the phone before inserting or taking out the SIM card. Completely forbid to insert or take out SIM card when the phone is connected to the external power supply or the SIM card may be damaged.

● Do not touch the metal plate area of the SIM card in order to avoid losing or damaging the messages in the card and put the card far away from the electromagnetism. If the card is damaged, the phone can not enter into the GSM network.

Adapter connection

Handset Connection

Connect the handset and the base of the phone with a coil cord.

Turn on or Turn off the Phone

Turn On: Move the power switch to the "ON" place and the screen will be light. The phone begins to search the network and it can provide the services after getting into idle state.

Turn off: Move the power switch to the "OFF" place and the light of the LCD will go out which indicates the phone is turned off.

You also can turn off the telephone by long pressing **ON/OFF/EXIT** key then long press it to turn the phone on.

KEY-PRESS INTRODUCTION

✧ **Power light indicator** : When the phone is connected to the external power adapter, the power light indicator will be always bright.

✧ **MENU/OK** key : In the idle state, press this key to enter menu ; In the menu operation state, press this key to confirm.

✧ **BOOK/DEL** key : In the idle state, press this key to get into the phone book directly; In the editing state, press this key to delete one character in front of the cursor; press this key to return to the superior menu.

✧ **ON/OFFEXIT** key : Press and hold this key to turn on/off the telephone ; Press this key to exit and return to the idle state directly

✧ **CALL LOG** key : In the idle state, press this key to get into the call records menu directly.

✧ **MUSIC** key : In the idle state, press this key to get into incoming ringing tones setting interface.

✧ **REDIAL** key : In the idle state, press this key to dial the last dialed phone number.

✧ **SEND** key : Press this key to send the number at once after inputting the number; In the idle state, press this key to get into dialed calls interface.

✧ **RIGHT→** key : During editing the number or name , press this key to move the cursor to

right; In the calculator state, it represents ÷. When adjusting the volume, press this key can increase the volume. It also can be used for LCD contrast adjustment.

✧ ←**LEFT** key : During editing the number or name , press this key to move the cursor to left; in the calculator state, it represents ×. When adjusting the volume, press this key can decrease the volume. It also can be used for LCD contrast adjustment.

✧ **SMS** key : In the idle state, press this key to get into message menu directly.

✧ **UP**↑key : Press this key to select the submenu and move the cursor upward; in the calculator state, it represents **+**. When adjusting the volume, press this key can increase the volume. It also can be used for LCD contrast adjustment.

✧ **DOWN**↓key : Press this key to select the submenu and move the cursor downward; in the calculator state, it represents **-**. When adjusting the volume, press this key can decrease the volume. It also can be used for LCD contrast adjustment.

✧ 🕪 key : Enter or exit the handsfree mode.

BASIC OPERATION

RECEIVING A CALL

When a call comes, the telephone rings, and LCD displays the incoming number

➢ **From handset**

1. Pick up the handset and talk to the other party.
2. When finished, return the handset to the base.

➢ **Switching to speakerphone**

1. When using the handset, press 🕪 key and return the handset to the base.
2. When finished, press 🕪 key again.

➢ **From speakerphone**

1. When the telephone rings, press 🕪 key and talk to the caller. For the other party to hear your voice clearly, speak into the speaker from a distance of 32cm or less.
2. When finished, press 🕪 key again.

NOTE:

Generally telecom transmits the incoming message between the first ring and the second ring. So please answer the phone after the second ring.

MAKING A CALL

➢ **From handset**

1. Pick up the handset.
2. When you hear the dial tone, dial the desired number , it will be sent out automatically after 5

seconds or press **SEND** key ,the number will be dialed out immediately

3. When finished, return the handset to the base.

➢ **From Speakerphone**

1. Press 🔊 key

2. When you hear the dial tone, dial the desired number , it will be sent out automatically after 5 seconds or press **SEND** key ,the number will be dialed out immediately

3. When finished, press 🔊 key again.

➢ **Pre-dial**

1. When the handset is on the base, dial the desired number.

2. If there are mistakes, use the **BOOK/DEL** key to edit.

3. Press 🔊 key or **SEND** key or pick up the handset , the number will be dialed out immediately

➢ **Redial**

1. Pick up the handset or press 🔊 key,

2. Press **REDIAL** key, the last dialed number will be dialed again

MENU OPERATION

PHONEBOOK

QUICK SEARCH

1. In on-hook state, press **MENU/OK** key **+ 1** key to enter the **Phonebook** interface and the cursor stops at **Quick search**.

2. Press **MENU/OK** key to confirm and Input the first letter of name which you want to find, LCD will display the first suitable phone record.

3. Press **MENU/OK** key to confirm and enter the submenu of **View**, **Edit**, **Delete**, **Copy**, **Move**, **Send Message**, then you can press **UP↑** or **DOWN↓** key to select and do operations to the following:

1) **View**:　View the entry.

2) **Edit**:　　Edit the current entry.

3) **Delete**: Delete the current entry

4) **Copy**:　Copy this entry from SIM card (or phone) to phone (or SIM card).

5) **Move**:　Move this entry from SIM card (or phone) to phone (or SIM card).

6) **Send Message**: Send messages to the current phone number.

NOTE:

In idle mode, you also can press **BOOK** key to enter the **Contact list** interface directly, the operation method refers to "QUICK SEARCH" item.

SEARCH ENTRY

1. In on-hook state, press **MENU/OK** key **+ 1** key to enter the **Phonebook** interface, the cursor stops at **Quick search**.
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Search entry,** press **MENU/OK** key to confirm
3. Input the name you want to search using digit key.
4. Press **MENU/OK** key, LCD will display one of the entries you want to search
5. Press **UP↑** or **DOWN↓** key to view other entries that accordant with the name you have input

When your desired entry displayed on LCD , press MENU/OK key to enter the submenu of View, Edit，Delete, Copy, Move, Send Message and then you can do the following operations the same with quick search.

ADD NEW CONTACT

1. In on-hook state, press **MENU/OK** key **+ 1** key to enter the **Phonebook** interface, the cursor stops at **Quick search**.
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Add new contact**,
3. Press **MENU/OK** key to confirm and enter the submenu with **To SIM**, **To phone**
4. Press **UP↑** or **DOWN↓** key to select save the desired entry to SIM card or to phone
5. Press **MENU/OK** key and then input the name and number using digit key.

If want to add new contact, you also can enter the submenu with To SIM, To phone by the following way :

1. In on-hook state, dial the desired number directly
2. Press **MENU/OK** key

DELETE ALL NUMBERS IN THE PHONEBOOK

1. In on-hook state, press **MENU/OK** key **+ 1** key to enter the **Phonebook** interface, the cursor stops at **Quick search**.
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Delete all**
3. Press **MENU/OK** key to confirm and enter the submenu with **From SIM**, **From phone**
4. Press **UP↑** or **DOWN↓** key to select move all phone numbers from SIM card or from the phone.
5. Press **MENU/OK** key to confirm

COPY ALL

1. In on-hook state, press **MENU/OK** key **+ 1** key to enter the **Phonebook** interface, the cursor stops at **Quick search**.
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Copy all**
3. Press **MENU/OK** key to confirm and enter the submenu of **From SIM**, **From phone**
4. Press **UP↑** or **DOWN↓** key to select copy all phone numbers from SIM card or from the phone
5. Press **MENU/OK** key to confirm

MEMORY STATUS

1. In on-hook state, press **MENU/OK** key **+ 1** key to enter the **Phonebook** interface, the cursor stops at **Quick search**.
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Memory status**
3. Press **MENU/OK** key, LCD displays the memory status of the SIM and the Phone

MESSAGES

Write message

1. In on-hook state, press **MENU/OK** key **+ 2** key to enter the **Messages** interface, the cursor stops at **Write message**
2. Press **MENU/OK** key to confirm and edit the message using numerical key
3. Press **MENU/OK** key to enter to Options and select **Done** by press **MENU/OK** key again
4. Enter to the submenu of **Send only, Save and Send, Save, Send to many**, then you can press **UP↑** or **DOWN↓** key to select and do operations to the following:
1) **Send only :** just send the current message .
2) **Save and Send :** save and send the current message
3) **Save:** save the message and do not send it at once
4) **Send to many:** send the message to many people simultaneously.

REVIEW MESSAGE FROM INBOX

1. In on-hook state, press **MENU/OK** key **+ 2** key to enter the **Messages** interface, the cursor stops at **Write message**
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Inbox,** press **MENU/OK** key to confirm and enter the submenu with a list of messages saved in the inbox
3. Press **UP↑** or **DOWN↓** key to select the message that you want to check the content
4. Press **MENU/OK** key to confirm and the content of the message is displayed on LCD.
5. After finished reading the message content, press **MENU/OK** key to confirm and enter the submenu of **Forward , Reply** , **Delete, Edit** , **Copy to phone ,Move to phone, Delete all ,**

Copy all ,Move all , **Use number**

6. Press **UP ↑** or **DOWN ↓** key to select and do operations to the following:

1) **Forward:** send this message to others.

2) **Reply:** reply the message to the sender and LCD will show editing window after pressing **MENU/OK** key , Press **MENU/OK** key to send the message after editing.

3) **Delete:** delete this message.

4) **Edit:** edit the content of this message and press **MENU/OK** key to get into sending options.

5) **Copy to phone (SIM card):** copy this message to phone or SIM card.

6) **Move to phone (SIM card):** move this message to phone or SIM card.

7) **Delete all:** delete all of messages in inbox.

8) **Copy all:** copy all of messages in phone (SIM card) to SIM card (phone).

9) **Move all:** move all of messages in phone (SIM card) to SIM card (phone).

10) **Use Number:** see the phone number of sender and press **MENU/OK** key to choose "Dial" or "Save" to SIM card or phone.

REVIEW MESSAGE FROM OUTBOX

1. In on-hook state, press **MENU/OK** key **+ 2** key to enter the **Messages** interface, the cursor stops at **Write message**

2. Press **UP ↑** or **DOWN ↓** key to move the cursor to **Outbox ,** press **MENU/OK** key to confirm and enter the submenu with a list of messages saved in the outbox

3. Press **UP ↑** or **DOWN ↓** key to select the message that you want to check the content

4. Press **MENU/OK** key to confirm and the content of the message is displayed on LCD.

5. After finished reading the message content ,press **MENU/OK** key to confirm and enter the submenu of **Send ,Edit**, **Delete, Copy to phone ,Move to phone, Delete all , Copy all ,Move all** , **Use number**

6. Press **UP ↑** or **DOWN ↓** key to select and do operations to the following:

1) **Send:** send this message to others.

2) **Edit:** edit the content of this message and press **MENU/OK** key to get into sending options.

3) **Delete:** delete this message.

4) **Copy to phone (SIM card):** copy this message to phone or SIM card.

5) **Move to phone (SIM card):** move this message to phone or SIM card.

6) **Delete all:** delete all of these messages.

7) **Copy all:** copy all of messages in phone (SIM card) to SIM card (phone).

8) **Move all:** move all of messages in phone (SIM card) to SIM card (phone).

9) **Use Number:** pick up the phone number of this message and press **MENU/OK** key to

choose "Dial" or "Save" to SIM card or phone.

DRAFTS

1. In on-hook state, press **MENU/OK** key **+ 2** key to enter the **Messages** interface, the cursor stops at **Write message**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Drafts**, press **MENU/OK** key to confirm and enter the submenu with a list of messages failed sent but saved in the draft

3. Press **UP↑** or **DOWN↓** key to select the message you want to check the content

4. Press **MENU/OK** key to confirm and the content of the message is displayed on LCD.

5. After finished reading the message content, press **MENU/OK** key to confirm and then you can do the rest operations the same with outbox.

USE TEMPLATES

1. In on-hook state, press **MENU/OK** key **+ 2** key to enter the **Messages** interface, the cursor stops at **Write message**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Use templates**, press **MENU/OK** key to confirm and enter the submenu with a list of template message

3. Press **UP↑** or **DOWN↓** key to select your desired template

4. Press **MENU/OK** key to confirm and enter the submenu of **Edit, Erase, Write message**

5. Press **UP↑** or **DOWN↓** key to select and do relevant operations to the following:

1) **Edit:** do some change to message content on the template such as adding some contents

2) **Erase:** delete the original message content on the template

3) **Write message:** it is similar with **Edit**.

MESSAGE SETTINGS

1. In on-hook state, press **MENU/OK** key **+ 2** key to enter the **Messages** interface, the cursor stops at **Write message**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Message settings**

3. Press **MENU/OK** key to confirm and enter the submenu of **Profile settings, Common settings**, **Memory status**

4. Press **UP↑** or **DOWN↓** key to select your desired one and do relevant operations to the following:

1) **Profile settings :** It includes the MSC no**(**it means the message center number, you can erase the number using **BOOK/DEL** key and input a new number using digit key), Validity(it means the period of validity**,** you can press **UP↑** or **DOWN↓** key to select **1 hour,12 hours,1day,1 week** or **maximum**), Type(it means the mode the message will be sent in, totally **Email ,Page ,Text, Fax** for selection)

2) **Common settings:** It includes the **Delivery report** and **Reply path,** you can press **UP ↑** or **DOWN ↓** key to select one of them and then press **MENU/OK** key to set it **On** or **Off,** press **BOOK/DEL** key to select **Done**, when LCD displays **Save?,** press **MENU/OK** key(or **BOOK/DEL** key) to select save it(or not save it).

3) **Memory status :** It includes the space occupancy of messages stores in the **SIM** and **Phone**

NOTE:

You also can press **SMS** key to enter the **Messages** interface directly.

CALL HISTORY

MISSED CALLS

1. In on-hook state, press **MENU/OK** key **+ 3** key to enter the **Call history** interface, the cursor stops at **Missed calls**

2. Press **MENU/OK** key to confirm and enter the submenu with a list of the missed calls

3. Press **UP ↑** or **DOWN ↓** key to select one of the missed calls and then press **MENU/OK** key to check the details of the call

4. Press **MENU/OK** key to enter the submenu of **Delete, Save, Dial, Edit**

5. Press **UP ↑** or **DOWN ↓** key to select and do some operations to the following:

1) **Delete:** delete the missed call that you have chosen.

2) **Save:** save the phone number of this missed call to SIM card or to phone.

3) **Dial:** dial back this missed call.

4) **Edit:** you can edit the phone number of the missed calls and save it to SIM card or to phone.

5) **Send message:** you can edit a message and send it to the people who make the missed call.

DIALLED CALLS

1. In on-hook state, press **MENU/OK** key **+ 3** key to enter the **Call history** interface, the cursor stops at **Missed calls**

2. Press **UP ↑** or **DOWN ↓** key to move the cursor to **Dialled calls**,

3. Press **MENU/OK** key to confirm and enter the submenu with a list of the dialed calls

4. Press **UP ↑** or **DOWN ↓** key to select one of the dialed calls and then press **MENU/OK** key to check the details of the call

5. Press **MENU/OK** key to enter the submenu of **Delete, Save, Dial, Edit**
   and do the rest operations the same with **Missed calls**

RECEIVED CALLS

1. In on-hook state, press **MENU/OK** key **+ 3** key to enter the **Call history** interface, the cursor stops at **Missed calls**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Received calls**,

3. Press **MENU/OK** key to confirm and enter the submenu with a list of the received calls

4. Press **UP↑** or **DOWN↓** key to select one of the received calls and then press **MENU/OK** key to check the details of the call

5. Press **MENU/OK** key to enter the submenu of **Delete, Save, Dial, Edit** and do the rest operations same with **Missed calls**

DELETE CALL LOGS

If you erase the call by this way, the number is not be deleted one by one but kind by kind. For example, if you select **Missed calls**, all the number belong to missed calls will be deleted.

1. In on-hook state, press **MENU/OK** key **+ 3** key to enter the **Call history** interface, the cursor stops at **Missed calls**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Delete call logs**

3. Press **MENU/OK** key to confirm and enter the submenu of **Missed calls, Dialed calls, Received calls, Delete all**

4. Press **UP↑** or **DOWN↓** key to select the kind of calls you want to delete and press **MENU/OK** key to confirm

NOTE:

You also can press **CALL LOG** key to enter the **Call history** interface directly in idle mode.

Settings

PHONE SETUP

➢ **Setting date & time**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**

2. Press **MENU/OK** key to confirm and enter the submenu of **Time and date, Language, Input method, Contrast, Greeting text, LCD backlight**

3. Press **UP↑** or **DOWN↓** key to select **Time and date**, press **MENU/OK** key to enter the submenu with **Set time/date, Set format**

4. Press **UP↑** or **DOWN↓** key to select **Set time and date**, press **MENU/OK** key to confirm and enter the submenu with time, date

5. Press **UP↑** or **DOWN↓** key to select one of them, then press **MENU/OK** key and edit it using digit key

6. Press **MENU/OK** key to confirm and repeat the above steps for rest option items setting.

➢ **Setting language**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**

2. Press **MENU/OK** key to confirm and enter the submenu of **Time and date, Language, Input method, Contrast, Greeting text, LCD backlight**

3. Press **UP ↑** or **DOWN ↓** key to select **Language**, press **MENU/OK** key to enter the submenu of Polish / Croatian / French/ English/ Spanish**.**

4. Press **UP ↑** or **DOWN ↓** key to select your desired language

5. Press **MENU/OK** key to confirm

➢ **Setting the input method**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**

2. Press **MENU/OK** key to confirm and enter the submenu of **Time and Date, Language, Input method, Contrast, Greeting text, LCD backlight**

3. Press **UP ↑** or **DOWN ↓** key to select **Input method** , press **MENU/OK** key to enter the submenu with **Multitap ABC, Multitap abc**, **Numeric**, **Multitap ES, Multitap es, Multitap PO, Multitap po, Multitap CR, Multitap cr, Multitap FR, Multitap fr, Smart ABC, Smart abc.**

4. Press **UP ↑** or **DOWN ↓** key to select your desired input method

5. Press **MENU/OK** key to confirm

NOTE:

During inputting, you also can change the input method by pressing **#** key directly

➢ **Setting LCD contrast**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**

2. Press **MENU/OK** key to confirm and enter the submenu of **Time and date, Language, Input method, Contrast, Greeting text, LCD backlight**

3. Press **UP ↑** or **DOWN ↓** key to select **Contrast**, press **MENU/OK** key to confirm and LCD displays the current LCD contrast level

4. Press **UP ↑** or **DOWN ↓** (or ←**LEFT** or **RIGHT**→) key to select a comfortable LCD contrast, total 15 levels for selection

5. Press **MENU/OK** key to confirm

➢ **Setting Greeting text**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**
2. Press **MENU/OK** key to confirm and enter the submenu of **Time and date, Language, Input method, Contrast, Greeting text, LCD backlight**
3. Press **UP** or **DOWN** key to select **Greeting text**, press **MENU/OK** key to enter the submenu with **On (**or **Off**) and **Welcome**
4. Use **UP↑** or **DOWN↓** key to select the status to **On (**or **Off**) and edit the greeting text by pressing digit key
5. Press **MENU/OK** key to confirm

➢ **Setting duration of LCD backlight**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**
2. Press **MENU/OK** key to confirm and enter the submenu of **Time and date, Language, Input method, Contrast, Greeting text, LCD backlight**
3. Press **UP↑** or **DOWN↓** key to select **LCD backlight**, press **MENU/OK** key to enter the submenu with **5 sec, 15 sec, 30 sec, 45 sec**
4. Press **UP↑** or **DOWN↓** key to select your desired duration of LCD backlight
5. Press **MENU/OK** key to confirm

After the LCD backlight duration has been set , the backlight will turn off after being turned on (by pressing any key or picking up the handset)up to the setting duration.

CALL SETUP

➢ **Call waiting**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Call setup,** press **MENU/OK** key to confirm and enter the submenu of **Call waiting, Call divert, Speed dial, Auto call**
3. Press **UP↑** or **DOWN↓** key to select **Call waiting** , press **MENU/OK** key to confirm and enter the submenu with **Activate, Deactivate** or **Query status**
4. Press **UP↑** or **DOWN↓** key select activate or deactivate the call waiting function.
5. Press **MENU/OK** key to confirm

If you select Activate and the unit prompt success in call waiting activated, when you are talking with someone and there comes another call, the net will tell the caller: please wait. When the conversation is ended, it will get through the waiting call.

NOTE:

This function should be supported by net operator

➢ **Call transfer**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Call setup,** press **MENU/OK** key to confirm and enter the submenu of **Call waiting ,Call divert, Speed dial, Auto call**

3. Press **UP↑** or **DOWN↓** key to select **Call divert**

4. Press **MENU/OK** key to confirm and enter the submenu of **All voice calls**, **If unreachable** , **If no answer**, **If busy**, **All data calls**, **Cancel all diverts**, press **UP** or **DOWN** key to select and do operations to the following :

1) **All Voice Calls:** All incoming calls will be diverted to another appointed phone. Press **MENU/OK** key to get into it and continue to select it **Activate** or **Deactivate(** Do not divert the calls) or **Query status**, if select **Activate**, use the digit keys to set the number you want to divert to.

2) **If unreachable:** When there is no network or this phone is power off, all incoming calls will be diverted to another appointed phone .The operations are the same as "All Voice Calls".

3) **If No Answer:** When there is no answer, the incoming calls will be diverted to another appointed phone. The operations are the same as "All Voice Calls".

 4) **If busy:** If this phone is on busy line, the incoming calls will be diverted to another appointed phone. The operations are the same as "All Voice Calls".

After activate this function, you can divert the incoming calls to another appointed phone when you can not receive or do not want to receive them

Note: This function should be supported by net operator and not supported by some SIM card.

➢ **Speed dial**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Call setup,** press **MENU/OK** key to confirm and enter the submenu of **Call waiting ,Call divert, Speed dial, Auto call**

3. Press **UP↑** or **DOWN↓** key to select **Speed dial**

4. Press **MENU/OK** key to confirm and enter the submenu with **Enable speed dial, Set number,** press **UP↑** or **DOWN↓** key to select and do operations to the following:

1) **Enable speed dial :** select it to set the speed dial function to **On** or **Off**

2) **Set number :** Set the speed dialed number(Input the name and number using digit keys)on location 2-9 . 8 groups of speed dialed number can be set in all.

Note: the first digit of the number must be set from 2 to 9

After set the speed dial function to ON, in off-hook state, press and hold one of the digit keys(2-9), the number set in it will be dialed out directly.

➤ **Auto call**

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Call setup,** press **MENU/OK** key to confirm and enter the submenu of **Call waiting ,Call divert, Speed dial, Auto call**
3. Press **UP↑** or **DOWN↓** key to select **Auto call**
4. press **MENU/OK** key to confirm and enter the submenu of **3 Sec**, **4 Sec**, **5 Sec**, **Off**
5. Press **UP↑** or **DOWN↓** key to select your desired delay time or Off
6. Press **MENU/OK** key to confirm

After finishing this setting, the pre-dialed number will be dialed out with delay up to the selected delay time

SECURITY SETUP

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Security setup**, press **MENU/OK** key to confirm and enter the submenu with **SIM lock, Change password**
3. Press **UP↑** or **DOWN↓** key to select **SIM lock** and then select it **On** or **Off**
4. Press **UP↑** or **DOWN↓** key to select **Change password**, press **MENU/OK** key to enter, and choose **PIN** or **PIN2**, press **MENU/OK** key to enter, then input the old security password using digit key
5. Press **MENU/OK** key to confirm, input the new security password using digit key, then press **MENU/OK** key to confirm.

RESTORE FACTORY SETTING

1. In on-hook state, press **MENU/OK** key **+ 4** key to enter the **Settings** interface, the cursor stops at **Phone setup**
2. Press **UP↑** or **DOWN↓** key to move the cursor to **Restore factory setting,** press **MENU/OK** key to confirm and Input the correct password "**1122**" using digit key
3. Press **MENU/OK** key to confirm

After the password has been correctly input, all the setting will restore to the original factory setting.

RINGING TONE SETTING

SELECT THE RINGING

1. In on-hook state, press **MENU/OK** key **+ 5** key to enter the **User profiles** interface, the cursor stops at **Tone setup**

2. Press **MENU/OK** key to confirm and enter the submenu of **Incoming call, Alarm, Power on(boot-strap), Power off, Message tone ,Keypad tone**

3. Press **UP↑** or **DOWN↓** key to select one of the above options

4. Press **MENU/OK** key to confirm and enter the submenu with a list of tones such as **MIDI 1**

5. Press **UP↑** or **DOWN↓** key to select your desired tone and press **MENU/OK** key to confirm

ADJUST THE RINGING VOLUME

1. In on-hook state, press **MENU/OK** key **+ 5** key to enter the **User profiles** interface, the cursor stops at **Tone setup**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Volume**

3. Press **MENU/OK** key to confirm and enter the submenu of **Ring tone**, **key tone**

4. Press **UP↑** or **DOWN↓** key to select your one of them, press **MENU/OK** key to confirm and LCD displays the relevant volume level

5. Press **UP↑** or **DOWN↓** (or **←LEFT** or **RIGHT→**) key to adjust the volume (totally 7 levels for selection)

6. Press **MENU/OK** key to confirm

Alert type

1. In on-hook state, press **MENU/OK** key **+ 5** key to enter the **User profiles** interface, the cursor stops at **Tone setup**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Alert type**

3. Press **MENU/OK** key to confirm and enter the submenu of **Ring**, **Light only**

4. Press **UP↑** or **DOWN↓** key to select and press **MENU/OK** key to confirm.

Ring type

1. In on-hook state, press **MENU/OK** key **+ 5** key to enter the **User profiles** interface, the cursor stops at **Tone setup**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Ring type**

3. Press **MENU/OK** key to confirm and enter the submenu of **Single**, **Repeat** and **Ascending**

4. Press **UP↑** or **DOWN↓** key to select and press **MENU/OK** key to confirm.

Extra tone

1. In on-hook state, press **MENU/OK** key **+ 5** key to enter the **User profiles** interface, the cursor stops at **Tone setup**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Extra tone**

3. Press **MENU/OK** key to confirm and enter the submenu of **Warning**, **Error, Campon** and **connect.**

4. Press **UP↑** or **DOWN↓** key to select and press **MENU/OK** key to confirm.

Organizer

TO DO LIST ADDING (The list of things to do)

1. In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface, the cursor stops at **To do list**

2. Press **MENU/OK** key to confirm and enter the submenu with time of task list

3. Press **UP↑** or **DOWN↓** key to select one

4. Press **MENU/OK** key to confirm and enter the submenu of **Add, Edit, Delete, Delete all**

5. Press **UP↑** or **DOWN↓** key to select and do some operations to the following**:**

1) **Add:** use numerical keys to edit the year, month, date, time, content of task and its stay duration and press **MENU/OK** key to save it.

2) Edit: it is similar with **Add**

3) **Delete:** select one record in the to do list and then delete it

4) **Delete all:** delete all the records in the **To do list**.

ALARM CLOCK SETTING

1. In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface, the cursor stops at **To do list**

2. Press **UP↑** or **DOWN↓** key to move the cursor to **Alarm**

3. Press **MENU/OK** key to confirm and LCD displays 3 groups of alarm time

4. Press **UP↑** or **DOWN↓** key to select one group, press **MENU/OK** key to enter the submenu with alarm status (default as **Off**) and the alarm time

5. Press **SET** key to enter the submenu operation, use **UP↑** or **DOWN↓** key to select the alarm status from **Off**, **Once**, **Everyday and use digit keys to edit the alarm time.**

6. Press **MENU/OK** key to save.

7. Repeat the above steps for the additional alarm clock setting.

CALCULATOR FUNCTION

In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface and then press **UP↑** or **DOWN↓** key to select **Calculator** and then press **MENU/OK** key to enter the calculator mode ,the unit is available for operation of "**+.-.×.÷**". In the calculator state, **MENU/OK** key is used as "**=**" and the ***** key is used as "**.**", **←LEFT** and **RIGHT→** key are used as **×** and **÷** respectively. **UP↑** or **DOWN↓** key is used as sign of positive/negative.

Eg. (10+26) ÷2

1. In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface

2. Press **UP↑** or **DOWN↓** key to select **Calculator**

3. Press **MENU/OK** key to enter the calculator mode and LCD displays **0**

4. Press (1, 0, UP↑, 2, 6), RIGHT→, 2, MENU/OK keys

5. After calculated, press **BOOK/DEL** key to start directly the next calculator, or press **ON/OFF/EXIT** key to return to the standby state directly.

Eg. 1.5× 0.6-1

1. In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface

2. Press **UP↑** or **DOWN↓** key to select **Calculator**

3. Press **MENU/OK** key to enter the calculator mode and LCD displays **0**

4. Press 1, *, 5, ←LEFT, 0, *, 6, DOWN↓, 1, MENU/OK keys

5. After calculated, press **BOOK/DEL** key to start the next calculator, or press **ON/OFF/EXIT** key to return to the standby state directly.

UNIT CONVERTER

In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface and then press **DOWN↓** key to select **Unit converter,** press **MENU/OK** key to confirm and then press **DOWN↓** key to select **Weight** (including the converter **Kg→Pound**, **Kg→Ounce**, **Pound→Kg, Ounce→Kg)** or **Length** (including the converter **Km→Mile** , **Mile→Km** , **M→Yard, Yard→M, M→Foot, Foot→M, Cm→Inch, Inch→Cm) .**Press **MENU/OK** key to confirm and then you can start to do the unit converter

Eg. 3.2 kg → ?Ounce

1. In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface

2. Press **UP↑** or **DOWN↓** key to select **Unit converter**

3. Press **MENU/OK** key to confirm

4. Press **UP↑** or **DOWN↓** key to select **Weight**

5. Press **MENU/OK** key and press **UP↑** or **DOWN↓** key to select **Kg↔Pound**

6. Press **MENU/OK** key to enter, use **UP↑** or **DOWN↓** key to select **Kg↔Ounce**

7. Press **MENU/OK** key to confirm, press **UP↑** or **DOWN↓** key to select **<Kg>**

8. Press **MENU/OK** key to confirm

9. Press 3, #, 2 and then press **MENU/OK** key ,LCD will displays **112.8768** on the location of **Ounce** (It indicates 3.2Kg = 112.8768 Ounce)

10. Press **BOOK/DEL** key to return to the superior menu, or press **ON/OFF/EXIT** key to return to the standby state directly.

Eg.   12.6 Mile → ? Km

1. In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface

2. Press **UP↑** or **DOWN↓** key to select **Unit converter**

3. Press **MENU/OK** key to confirm

4. Press **UP↑** or **DOWN↓** key to select **Length**

5. Press **MENU/OK** key and press **UP↑** or **DOWN↓** key to select **<Mile>**

6. Press **MENU/OK** key to confirm

7. Press 1, 2, #, 6 and then press **MENU/OK** key ,LCD will displays **20.277772** on the location of **Km**(It indicates 12.6 Mile → **20.277772** Km)

8. Press **BOOK/DEL** key to return to the superior menu, or press **ON/OFF/EXIT** key to return to the standby state directly.

BMI INDEX

1. In on-hook state, press **MENU/OK** key **+ 6** key to enter the **Organizer** interface

2. Press **UP↑** or **DOWN↓** key to move the cursor to **BMI**

3. Press **MENU/OK** key to confirm and LCD displays **Male**, **Female**

4. Press **UP↑** or **DOWN↓** key to select the gender **Male** or **Female**

5. Press **MENU/OK** key to confirm and LCD displays **Height** (the unit is Cm)

6. Press **MENU/OK** key and then Input the height using digit key

7. Press **MENU/OK** key to confirm and then press **UP↑** or **DOWN↓** key to select **Weight** (the unit is Kg)

8. Press **MENU/OK** key and then Input the weight using digit key

9. Press **MENU/OK** key to confirm and then press **UP↑** or **DOWN↓** key to select **Compute**

10. Press **MENU/OK** key and the healthy index will displayed on LCD

11. Press **BOOK/DEL** key to return to the superior menu or press **ON/OFF/EXIT** key to return to the standby state directly.

ADVANCED FUNCTION

1. During two-way conversation, there are hold mode, mute mode DTMF function can be select.

2. You can have messaging, call history and phonebook operation during conversation.

3. Press **MENU** key to enter submenu and select which you want. The detail of the operation as follow:

Volume

During conversation, if you use the handset press ←**LEFT** and **RIGHT**→ to adjust the handset volume. If you use the hands-free press ←**LEFT** and **RIGHT**→ to adjust the hands-free volume, there are 7 levels totally.

➢ **Enter hold mode**

During conversation, press **MENU** key, LCD display **Hold**, Press **MENU** key, LCD display **H** on the LCD, the phone enter hold mode, the another part just can receive busy tone, and you can not receive any tone.

➢ **Exit hold mode**

During conversation, press **MENU** key, LCD display **Retrieve**, press **MENU** key to confirm, LCD display **Retrieved**, the phone enter normal state.

End

During conversation, press **MENU** key, LCD display **Hold**, press **DOWN↓** key once to move the cursor to **End**, press **MENU** key to confirm and end this call.

New call

It is able to make another call, during conversation.

Press **MENU** or **OK** key, LCD display **Hold**, press **DOWN↓** key to move the cursor to **New call**, Press **MENU** key to enter, then you can dial another call, when the second call enter conversation state, press **MENU** key to enter submenus:

➢ **Swap**

Press **MENU** or **OK** key, LCD display **Swap**, press **MENU** or **OK** key to swap between two calls, then another caller will enter hold mode and can receive busy tone only, and you can talk with one line only. The current conversation number will be display on the LCD, another caller number will be hided and there is **H** on the LCD.

➢ **Conference**

Press **MENU** key, LCD display **Swap**, press **UP↑** or **DOWN↓** to select **Conference**, press **MENU** or **OK** key to enter three-way talk mode.

(**Note:** This function needs network service support.)

➢ **Transfer**

Press **MENU** key, LCD display **Swap**, press **DOWN↓** key until to move the cursor to **Transfer**, press **MENU** key to transfer current call function, but this function should be apply for your local telecom company.

➢ **End single call**

Press **MENU** or **OK** key, LCD display **Hold**, press **DOWN↓** key until to move the cursor to **End single call**, press **MENU** key to end current conversation, another line still in the hold mode, then press **MENU** or **OK** key, LCD display **Retrieve single call**, press **MENU** key to confirm, LCD display **Retrieved**, the phone enter normal conversation state.

➢ **End all**

Press **MENU** or **OK** key, LCD display **Swap**, press **DOWN↓** key until to move the cursor to **End all**, press **MENU** key to end two calls together.

➢ **Phonebook**

Press **MENU** or **OK** key, LCD display **Swap**, press **DOWN↓** key until to move the cursor to **Phonebook**, press **MENU** key to enter phonebook menu operation.

➢ **Messages**

Press **MENU** or **OK** key, LCD display **Swap**, press **DOWN↓** key until to move the cursor to **Messages**, press **MENU** or **OK** key to enter messaging menu operation.

➢ **Mute**

When making a phone call, if you need a temporal talk with someone else and you don't want the phone receiver hear your sound, and you want hear receive caller speaking, you can enter mute mode.

Press **MENU** or **OK** key, LCD display **Swap**, press **DOWN↓** key until to move the cursor to **Mute**.

Press **MENU** or **OK** key to enter with submenu **On** or **Off**, press ↑ or ↓ to select, press **MENU** or **OK** key to confirm. Select **On** to enter mute mode during conversation. Select **Off** to exit mute mode during conversation.

➢ **DTMF**

During conversation, press **MENU** key, LCD display **Hold**, press **DOWN↓** key to move the cursor to **DTMF**, press **MENU** key to enter with submenu **On** or **Off**, press **UP↑** or **DOWN↓** to select, press **MENU** key to confirm. Select **On**, the other part can hear your dial number tone during conversation. Select **Off**, the other part can not hear your dial number tone during conversation.

Phonebook

During conversation, press **MENU** key, LCD display **Hold**, press **DOWN↓** key to move the cursor to **Phonebook**, press **MENU** key to enter phonebook menu options.

Messages

During conversation, press **MENU** key, LCD display **Hold**, press **DOWN↓** key to move the cursor to **Messages**, press **MENU** key to enter **Messages** menu options.

Mute

During conversation, press **MENU** key, LCD display **Hold**, press **DOWN↓** key to move the cursor to **Mute**, press **MENU** key to enter with submenu **On** or **Off**, press **UP↑** or **DOWN↓** to select, press **MENU** key to confirm. Select **On** to enter mute mode, you can get the other part voice, but he or she can not get your voice, select **Off** to return to normal conversation status.

DTMF

During conversation, press **MENU** key, LCD display **Hold**, press **DOWN↓** key to move the cursor to **DTMF**, press **MENU** key to enter with submenu **On** or **Off**, press **UP↑** or **DOWN↓** to select, press **MENU** key to confirm. Select **On**, the other part can hear your dial number tone

during conversation. Select **Off**, the other part can not hear your dial number tone during conversation.

NOTE: Due to continuous product development, all features and specifications are subject to change without prior notice.

max com
radość komunikacji

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

EU Declaration of Conformity 23/2017/RED

Name and address of the manufacturer:
Maxcom S.A., ul. Towarowa23a, 43-100 Tychy, Poland

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

Object of the declaration:
GSM Fixed Wireless Telephone
Model Name: MM28 D HS

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive 2014/53/UE

Directive 2011/65/UE (RoHS)

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

EN 301 511 V12.1.1 (2015-06)	Test Report RSZ170919003-11A1, 2017-09-26
EN 301 908-1 V11.1.1 (2016-07), EN 301 908-2 V11.1.1 (2016-07)	Test Report RSZ170919003-22A1, 2017-09-26
EN 301 489-1 V2.2.0 (2017-03), EN 301 489-52 V1.1.0 (2016-11)	Test Report RSZ170919003-02A1, 2017-09-26,
EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	Test Report RSZ170919003-03A1, 2017-09-22
EN 62311: 2008	Test Report RSZ170919003A1, 2017-09-26

The notified body
Bay Area Compliance Laboratories Corp. (BAC), number: 1313
performed intervention in accordance with Annex III (Module B) Directive 2014/53/EU and issued the EU-type examination certificate:
Certificate No. B1709271

Signed for and on behalf of: Maxcom S.A.

place and date of issue:

Tychy, 28-09-2017

name, function:

Adam Grzyś, Development Director

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

MAXCOM S.A.
43-100 Tychy,
ul Towarowa 23a
POLAND
tel. +48 32 327 70 89
fax 48 32 327 78 60

www.maxcom.pl
office@maxcom.pl

CE