User manual
HAMMER BLADE 2 PRO

We create for you.

Thank you for choosing Hammer device. This product has been designed especially for you. We are doing everything to make its use pleasurable and comfortable. We made sure that elegance, functionality and convenience of use were combined with an affordable price. For the sake of your safety, please read this manual carefully.

Manufacturer
mPTech Ltd.
Nowogrodzka 31 street
00-511 Warsaw
Poland
website: www.myphone-mobile.com
Manufactured in China

User manual

The actual product, accompanying accessories and some of its features may differ from the presented in this manual images and descriptions. The latest manual or its more detailed version is available on the product website:

www.myphone.pl/qr/hammer-blade-2-pro

To open this page simply scan this QR Code.

1. Table of contents

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2. Safety

Read these guidelines carefully. Not following them may be dangerous or illegal.

—RESTRICTIONS OF USE—

Wi-Fi wireless connectivity uses the 2.4 GHz band and the 5 GHz band. The 5 GHz Wi-Fi band shall not be used outdoors in the European Union. Please observe the national and local regulations at the place of use.

—CHILDREN AND PHYSICALLY OR MENTALLY DISABLED PEOPLE—

This device should not be operated by people (including children) with limited physical or mental abilities, as well as by people with no earlier experience in operation of electronic equipment. They may use the device only under supervision of people responsible for their safety. This device is not a toy. Memory card and SIM card are small enough to be swallowed by a child and cause choking. Keep the device and its accessories out of reach of children.

—WATER AND OTHER LIQUIDS—

The device has resistance certificate IP68. It means that the device is dust-proof and waterproof when all of the rubber seals are intact and properly put in place. As far as possible protect the device from water and other liquids. Water and other fluids do not have a positive effect on phone electronic components. If wet, wipe and dry the device as soon as possible.

—QUALIFIED SERVICE—

Only qualified personnel or an authorized service center may install or repair this product. Repairing by an unauthorized or unqualified service may cause device damage and warranty loss.

—BATTERY AND ACCESSORIES—

Avoid exposing the battery to very high/low temperatures (below 0°C/32°F and over 40°C/104°F). Extreme temperatures may influence capacity and battery life. Avoid contact with liquids and metal objects as it may cause partial or complete battery damage. The battery should be used only according to its purpose. Do not destroy, impair or throw the battery into flames - it is dangerous and may cause fire. Worn-out or impaired battery should be placed in a dedicated container. Excessive charging the battery can cause damage. Therefore, a single battery charge should not last longer than 1 day. Installing an incorrect battery type can cause an explosion. Never open the battery. Please dispose of battery according to the instructions. Disconnect an unused charger from power grid. In case of the charger wire damage, it should not be repaired but replaced with a new one. Use the original manufacturer's accessories only.

—HEARING—

To avoid hearing damage, do not place the device directly on your ear when you have set a high volume of music or during a hands-free call.

─EYESIGHT─

To avoid eyesight damage do not look closely onto the flash light during its work. A strong bean of light may cause permanent eye damage!

3. The use of the manual

The device and screen shots contained in this manual may differ from the actual product. Accessories attached to the smartphone set may differ from the illustrations included in manual. Options described in the manual are found in Android system. Those descriptions may differ, depending on the version of the operating system and applications installed on the device.

4. Important information

The majority of applications which can be installed on the device are mobile apps. Modus operandi of such applications may be different from their counterparts installed on a personal computer. Apps installed on the device may vary depending on country, region, and hardware specifications. The manufacturer is not responsible for any problems caused by third party software, as well as by editing the registry settings and modifying the operating system software. Attempts to modify the operating system can cause malfunctions and problems with applications. It may cause a loss of warranty.

5. Technical Specification

Touchscreen 5.72" and 720x1440 px resolution

The modern display provides deep colors and a wide viewing angle, allowing you to appreciate movies, photos and games in real and juicy colors.

Dual SIM (hybrid)

The technology applied in the smartphone enables incredibly comfortable use of Dual SIM function - using 2 SIM cards simultaneously or 1 SIM card + 1 microSD card.

IP 68 water and dust resistance

The device is dust and water resistant when the SIM/microSD card tray is fully closed.

Octa Core Cortex-A53 Processor

Super efficient octa-core processor for maximum efficiency of the phone. Demanding games, websites, emails - multitasking makes everything runs smoothly.

Wi-Fi

HAMMER BLADE 2 PRO is equipped with Wi-Fi technology, providing data transmission at speeds compatible with 802.11 a/b/g/n, so you can wirelessly connect to the the omnipresent hot spots and home network. Receive and send data, programs, and files to the network and other devices without restrictions.

LTE network

Smartphone Hammer Blade 2 PRO enable the use the fourth generation LTE network, which allows you to make high-quality voice calls, the use of high-speed Internet, video conferencing and more.

Rear camera (main) 16 Mpx / Front (selfie) camera 8 Mpx

The front camera allows easy video calls and taking a high-quality photos (selfies). The rear camera allows taking pictures and making high resolution films wherever you are.

MicroSD card reader - up to 128 GB.

HAMMER BLADE 2 PRO smartphone - no problems with memory capacity. Use microSD cards and do not worry about where you save the music, movies and photos.

Android System

Android operating system - incredible opportunities are within your hand - all applications are available at any time; the latest Gmail™ email client or browser, it is only the beginning of what you can find in this device - the rest you will find in the online Google Play.

Google Play

All manufacturer's smartphones can use the applications purchased in Google Play. To do this you should register a individual Google™ account providing e-mail and password. After registration and acceptance of the rules you can use paid and free applications listed in the Google Play.

5.1 Technical data

Display	5.72" IPS, 720x1440 px, Gorilla Glass 3
Processor (CPU / GPU)	Octa Core ARM Cortex-A53 MTK6763V Mali-G71 MP2
Rear Camera (main)	16 Mpx with LED lamp

Front Camera	8 Mpx
RAM memory	6 GB
Internal memory	128 GB
The card reader	microSD (up to 128 GB)
Operating system	Android 8.1 Oreo
Dual SIM open	2 x nanoSIM (hybrid)
Water and dust resistance	IP68
Connectors	USB-C
Connectivity	Wi-Fi 802.11 a/b/g/n (2.4 GHz i 5 GHz) Bluetooth 4.0, GPS z A-GPS, Glonass
GSM	850/900/1800/1900 MHz
UMTS (3G)	900/2100 MHz
LTE (4G)	800/850/900/1800/1900/2100/2600 MHz
Battery	Built-in Li-po 3900 mAh battery
Input/output parameters cargers	100-240 V~, 50/60 Hz, 0.5 A
Output parameters cargers	5, 7,9 V ,▬ 1,67 A; 12 V ,▬ 1,25 A
Dimensions	157 × 75.5 × 10.9 mm
Net weight	225g

5.2 Package content

- HAMMER BLADE 2 PRO Smartphone
- USB-C adapter for headphone jack min. 3.5 mm
- Charger (adapter + USB cable)
- Tool for takng out the SIM cards/microSD tray
- User manual + Warranty card

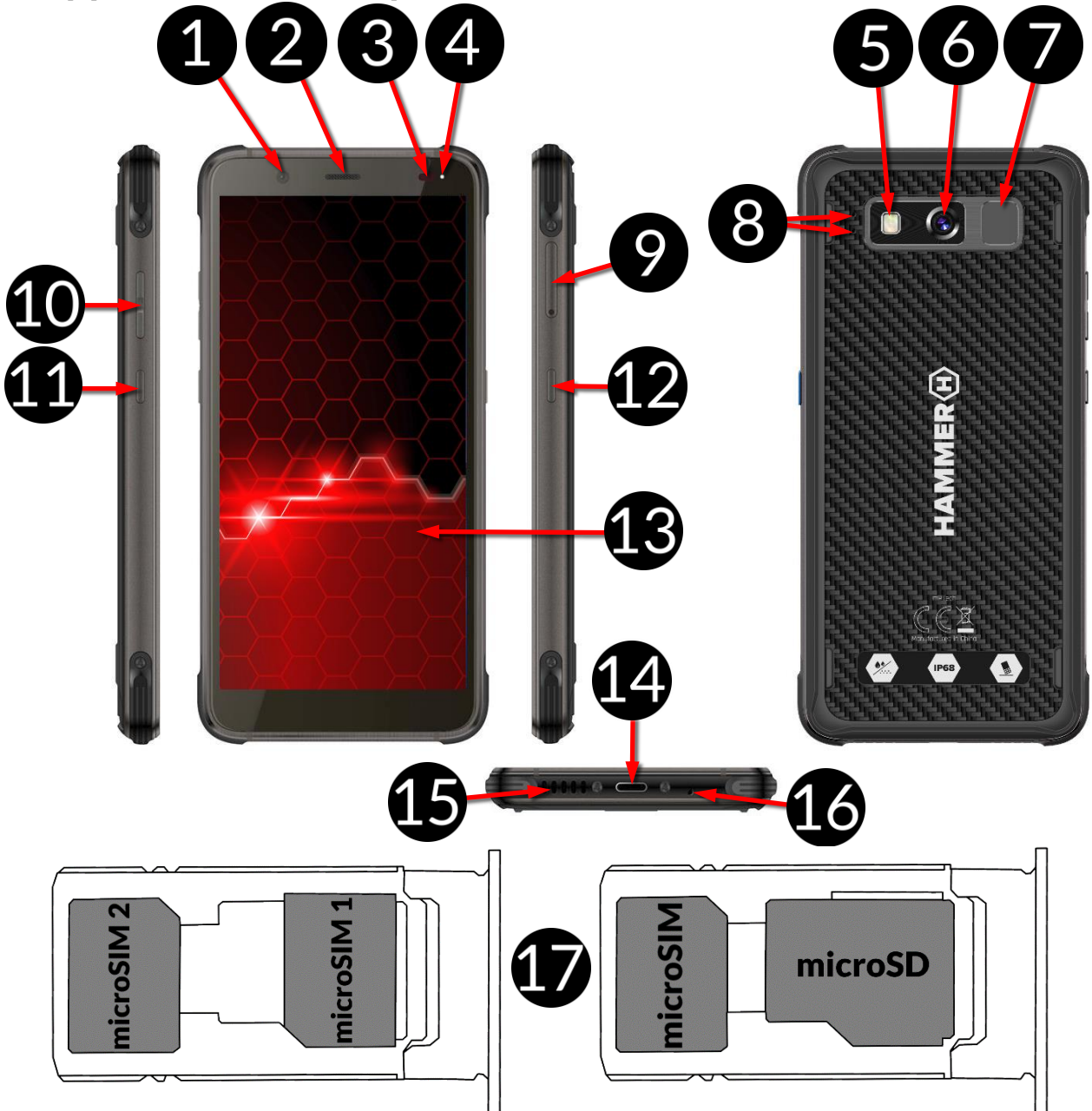⚠️ *If any of the above items is missing or damaged, please contact your dealer.*

⚠️*We advise to keep the container in case of any complaints. Keep the container out of reach of children.*
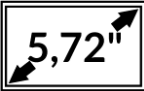
⚠️ *Dispose of the container in accordance with local regulations when it is no longer needed.*

6. Appearance of the phone

	Symbol	Function
1	8M	8 Mpx digital camera lens (selfie)
2		Internal speaker
3		Brightness and proximity sensors
4		Notification diode
5		Camera flash / flashlight

6		16 Mpx digital camera lens (main)
7		Fingerprint reader
8		Microphones
9		The tray for SIM cards/ microSD (under a waterproof seal)
10		Volume up / down button
11		Programmable button
12		Blockade on/off button
13	5,72"	Touchscreen 5.72"
14		Multifunctional microUSB port
15		External speaker
16		Microphone
17		Installation methods for SIM and microSD cards - hybrid Dual SIM

Do not put any objects into phone openings that contain microphones and speakers Damage will result in the loss of warranty.

7. Before the first start

7.1 Mounting the SIM card.

The device is a cellular phone made in Dual SIM technology (2 SIM cards handling) allowing the use of two mobile networks simultaneously. To insert the SIM card/s correctly one has to:

- Switch off the phone.
- Use the supplied tool to open (insert the tip energetically into the hole) and slide out the card tray (9).
- Insert the SIM card/s into the slot in accordance with the picture beneath.
- Gently and carefully slide the card tray.
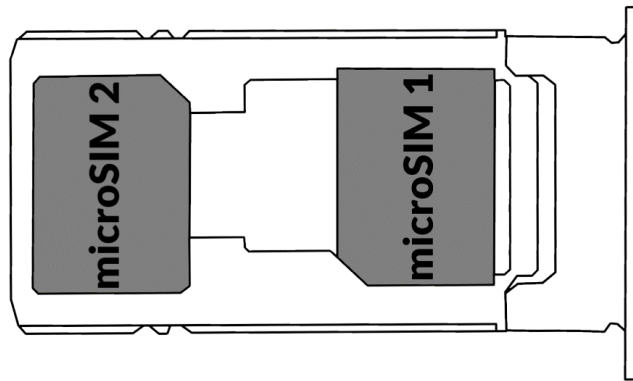
7.2 Installation of the memory card

To insert the memory card correctly one has to:
- Switch off the phone.
- Use the supplied tool to open (insert the tip energetically into the hole) and slide out the card tray (9).
- Insert the memory card into the slot as shown in the picture below **(instead of the nanoSIM1 card).**
- Gently and carefully slide the card tray.
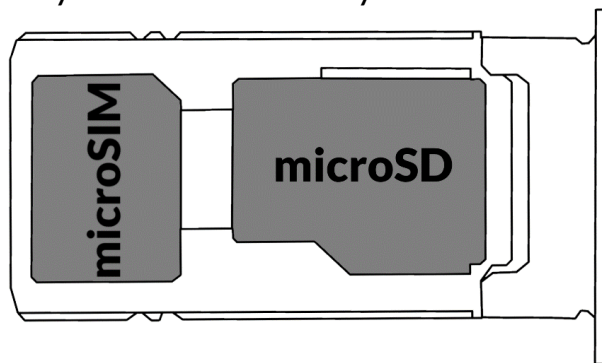
⚠️ *Use only memory cards recommended by the manufacturer. Pay attention to the selection of the proper format-the microSD card, capacity and type/class. Incompatible memory cards may damage the device and cause the stored data to be destroyed as well. Incompatibility of memory card can be caused, among others, by an incorrect card format (required format microSD) or an unsupported card capacity - above the value recommended by the manufacturer.*

7.3 Charging the battery

Charge the battery before the first use. The battery should be charged by the attached charger or another charger, intended for this type of equipment. If in doubt contact the seller or manufacturer service. Use only chargers and wires recommended by the manufacturer. Using incompatible chargers or cables can cause explosion of the battery or damage to your device.

When the battery is near a complete discharge, the notification is displayed on a low battery charge. To continue use of the device charge the battery. If the battery is completely discharged the device can not be switched on even when the loading process is ongoing. Before the device can be turned on again, the battery has to be charged for at least a few minutes. In case of any problems

with the battery or if in need of a replacement, the device should be delivered to the manufacturer's service center. To charge the battery one should:

1. Plug the USB-C plug of the cable from the set into the socket on the device.

⚠️ *Incorrect charger connection (USB cable) can cause damage to the AC adapter or the device. The damages resulting from improper handling are not covered by the warranty.*

2. Plug the USB plug of the cable from the set into the charger and this plug into the mains socket. When charging has started a lightning symbol will appear in the top right corner of the screen on the battery icon, and when the device is turned off, an animation showing the battery charge level should appear.

⚠️ *The device can heat up during charging. It is a regular occurrence and should not affect the stability or performance of the device.*

3. When the charge reaches 100% it means that the battery is fully charged. Finish the charging.
4. Disconnect the charger from the mains socket and the cables from the charger and the phone.

⚠️ If the phone does not charge properly deliver it (with the charger) to a service center of the manufacturer.

8. Buttons

Menu
- Pressing it will cause the list of open apps to appear, where you can switch in-between or turn them off.
- A double quick press switches to the previous application.

Home
- One quick press takes you to phone desktop.
- Pressing and holding activates Google Now.

Back
- Pressing **<Back>** will cause exit from the application/return to the previous screen.

Blockade on/off button
- One quick press locks/unlocks the screen.
- Pressing the button for about 2 sec. will cause:
  - If the smartphone is off - the device would switch on.
  - if your smartphone is on, activates a menu to shut down the device or reboot the system.

Volume increase and decrease buttons
- Pressing during a voice call will cause an increase or decrease of the audio connection volume.

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Programmable button
- Pressing and holding starts the programmed application - the camera application is assigned to it as default.

9. Using the touch screen

The touchscreen can be controlled by the following actions:

9.1. Touch

Touch one to start options, app, menu.

9.2 Swipe

Quickly swipe up, down, to the left or to the right, to scroll the list or the screen.

9.3 Triple click

Quickly tap the screen three times to start zooming - if this option is enabled in your smartphone settings.

9.4 Hold and swipe

Touch an element (an icon perhaps) and hold it for about 1 seconds. Then you can delete/uninstall that element.

9.5 Slide in and out

Touch the screen with two fingers and slide them together or apart to zoom in or out a photo or a map.

⚠ The touch screen will be turned off after some time of inactivity. *To turn off the screen press the blockade button.*

⚠ *In most smartphones, you can set how long your device waits before turning off the screen. Most often it suffices to select from the app list: **[Settings] > [Display] > [Sleep].***
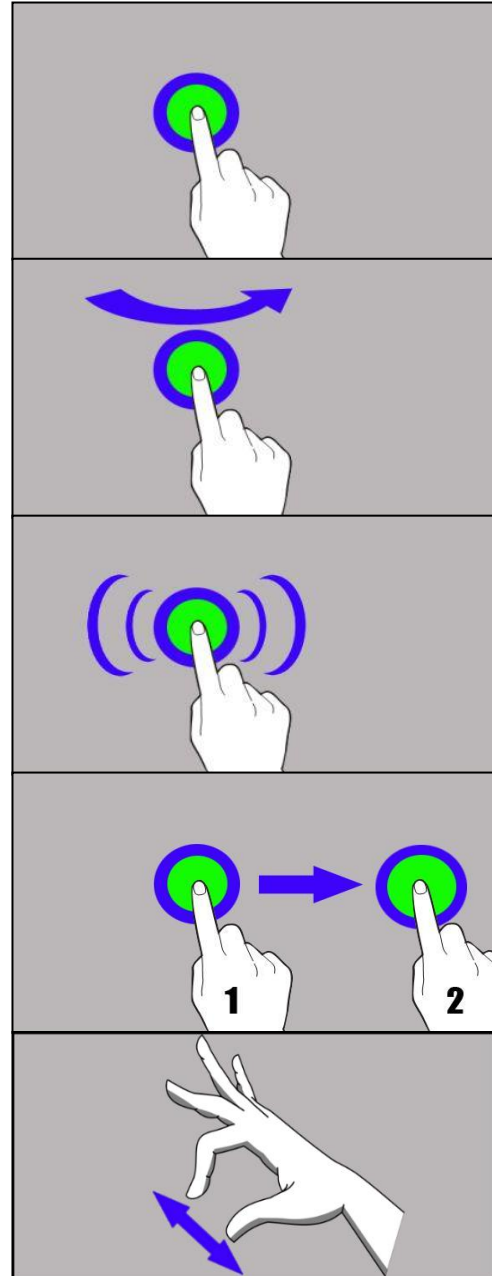
9.6 Screen lock

To lock the device press shortly the blockade button **(12)**. The screen will be blanked. To unlock the screen, use the fingerprint reader or briefly press the lock button and a screen similar to the following will appear:

On the display, in lock mode the following information appear:
1. Information on SIM cards status/Network operator name.
2. A bar with status icons.
3. Current time and date.
4. "Google Now" sound assistant icon. To start it, touch the screen with your finger and move the icon to the right side up (diagonally).
5. An icon illustrating a locked device. To unlock the device touch the lock icon with your finger and move it upwards or use the fingerprint reader.
6. Camera icon. To start the camera, move the icon to the left upwards (diagonally).

9.7 Device desktop screen

1. Google search tool.
2. Voice search. After pressing this icon, say out loud what you want (i.e. the word from the web page address, etc.), and the search engine will display the found results.

    ⚠️ Connect your phone to the Internet to enable voice search.

3. An app to make calls
4. Messages
5. Contacts.
6. Camera app.

Swiping downwards from the bottom edge of the screen will maximize the display window. Notification box appears. Drag or click again on the top tool bar of the icon 🔽 to display the tool menu, where you can configure and/or

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view basic parameters such as:

- LCD backlight
- Wi-Fi
- Default　　　operator　　　data transmission / Use of data
- Bluetooth
- Do not disturb

- Torch
- Auto-rotate
- Battery Saver
- Location
- Aeroplane mode
- Transfer

When you touch the [**Settings**] icon ⚙ in the lower right corner of the expanded window, you will be taken to the [**Settings**] menu, which is described in detail in the section that starts later in this user manual.

9.8 Indicator icons

Icon	Description
🔋	Battery charge level
📶	Active Wi-Fi connection icon
✉	New email message
📄	New sms message
◢	Mobile network signal strength icon
☒	Missed call
📞	Ongoing call

Icon	Description
⫴	Held call
�	The device plugged into computer
✳	Active Bluetooth icon
⏰	Alarm active
✈	Aeroplane mode
📞	Speakerphone mode
Ⓡ	Roaming active
📳	Sound profile set to vibrations.

⚠ The icons presented above might differ from the one that appear in the phone, depending on the OS and used system patch.

9.9 Removing elements from desktop screen
Touch the elements you wish to remove. hold it and move it towards the top bar, directly into "X Remove" inscription.
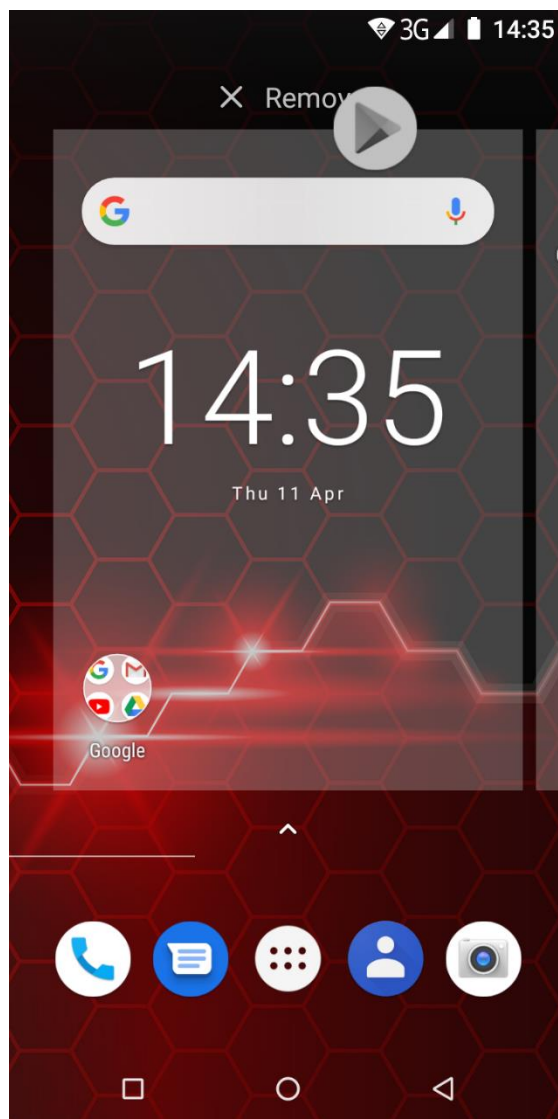
You can "drop" the icon, it will be removed.

9.10 Creating folders

You can create folders on the desktop where the user can place apps of his choice. So he/she can have frequently used applications in one place, not littering the desktop on your smartphone.

 The image opposite shows the Google folder, located on the main phone desktop. To create one, click and hold an application and then drag it onto another application. As a result a folder containing two applications will be created. A few applications may be situated in one folder. To set or edit its name touch it with your finger. When the folder is open touch its name or "Unnamed folder" inscription, insert a new name and press OK.

10. Computer connection

To connect to PC computer with Microsoft Windows XP/Vista/7/8/10 using USB you should plug the included USB-C cable to multifunctional USB socket in smartphone. Plug the other end of the cable into the socket in your computer. When the device is plugged in, a screen will appear on your

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computer with the name of the smartphone and operations possible to perform. If this does not happen, slide your finger from the top edge down on your smartphone and click on "Charge This Device". More options will appear. To send files select "**Send files".** To exchange files between the computer and the phone choose: "Open device to view files". Now you can exchange files between your phone and the computer.

⚠️ If the OS does not recognize the phone memory, check if the installed driver operating the smartphone is correct. *Search the driver list manually and choose "MTP USB device".*

11. Text input
11.1 Text input - the virtual keyboard.
The text is usually entered using alphanumeric keyboard. If the selected language contains diacritical signs or any special characters, you can enter any sign by pressing a corresponding key a little longer. I.e. If the chosen language is Polish and you want to enter letter "ą" you have to hold "a" key a little longer until a list appears from which you can choose "ą". The virtual alphanumeric Android keyboard of the device is as follows (note: the appearance of the keyboard may vary slightly depending on the program, in which it is used):
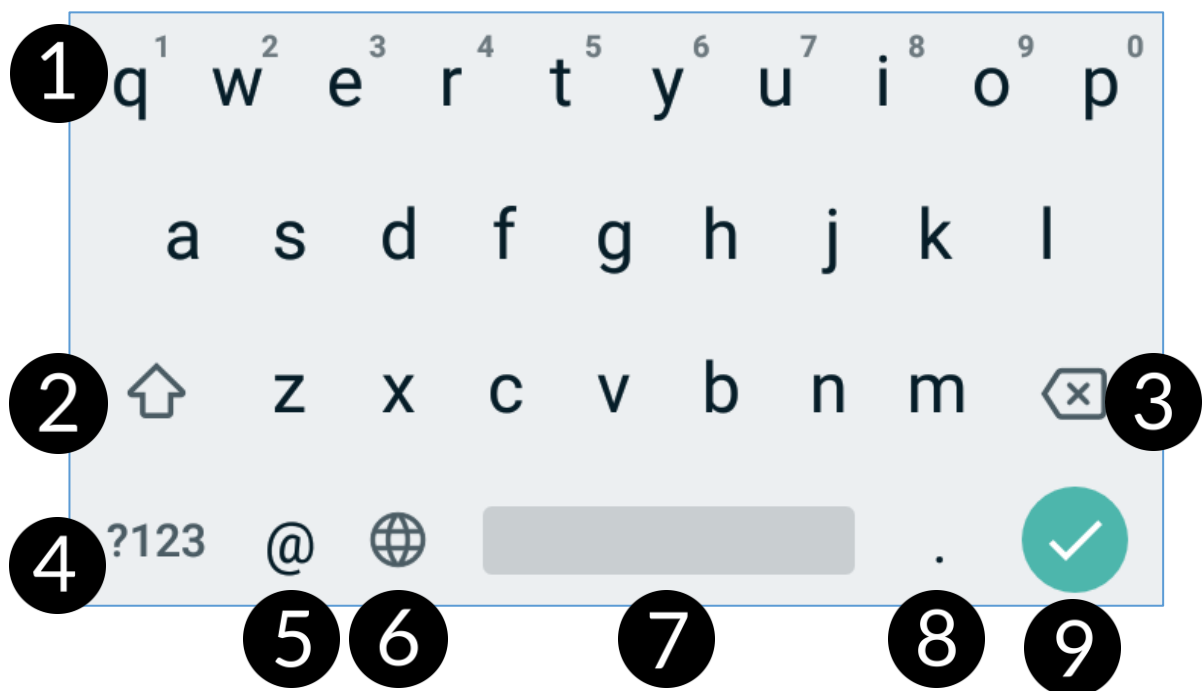
No.	Function
1	Virtual keyboard keys. Holding the keys Q to P to enter the digits from 0 to 9 and letters with diacritical marks characteristic for that language, i.e. ó, ö, õ, ô.

2	Shift/Caps Lock - a single click will cause a change in the key meaning / you can enter one uppercase letter, a double-click (signaled by turning on a highlight) will cause the text to be written in capital letters.
3	Backspace – will erase the sign behind which the cursor is placed.
4	The transition to the panel with numbers and symbols.
5	A single click enters the "@" symbol. Longer holding allows you to activate the language and keyboard settings, including its on-screen location.
6	Set the language of the keyboard and hints if there are at least two languages selected in the system.
7	Insert spaces (spacing between characters).
8	Insert a full stop. Press and hold to activate additional options, e. g. one of the popular extensions of Internet addresses, e. g. .com, special characters, etc.
9	Confirmation of the entered text, address, number, etc.

The functions of some keys may vary depending on the application you are running the keyboard in.

11.2 Copy and paste the text

The text written in the text field can be copied into another app:

1. Press and hold you finger onto the word you wish to copy.
2. A screen similar to the one beneath appears:
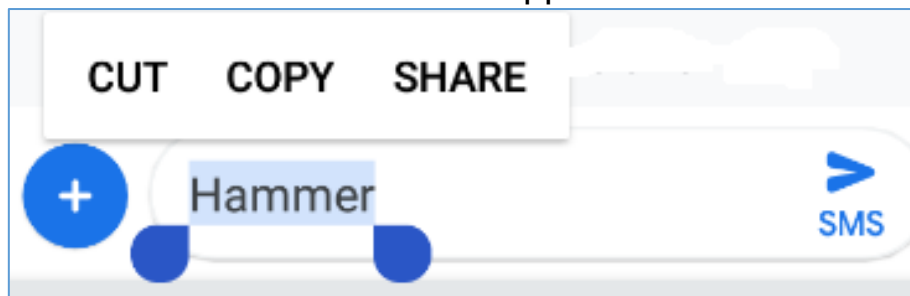
3. To mark more than one word use the sliders.
4. Choose **[Copy]** to copy and **[Cut]** to cut the marked signs.
5. Place the cursor in another application in place into which you wish to paste the copied text, press and hold your finger (for about 2 seconds).
6. Select **[Paste]** to insert the text.
7. Select **[Share]** to share the text with other applications.

12. Applications

When running applications, you can make the most of the device. On the desktop screen, drag the screen from bottom to the top to access the installed applications. To add a shortcut to an application on the desktop screen, press the application icon in the application menu and hold it, then when you change

the view to the desktop view, select the place where you wish to create a shortcut and "drop" it in there.

12.1 Application download

⚠️*To use [Google Play] service you have to own or create a Gmail account.*
To use [Google Play] option choose an [Play] application from the menu. Search for the application you need using icon with a magnifier or through moving the tabs in [Google Play], then click [Install]> [Accept]. Downloading and installing process will begin as soon as you accept your choice.

⚠️ *If the notifications are enabled, the end of downloading and installing the application is indicated by a notification in the system bar.*

To open a newly installed application select [Open]. To install applications downloaded from other sources, select: [Application menu] > [Settings] > [Applications and Notifications] > [Advanced] > [Special application access] > [Installation of unknown applications] and grant the appropriate rights to the applications from which you can install these programs (Web browsers, file managers, mail programs, virtual drives, etc.).

12.2 Launching and disabling applications.

To launch an application touch its icon on the desktop or in apps menu. To access the Application Menu, drag the main desktop screen up. If you wish to exit an application press "Home" button - app will be minimalized but will still work in the background and you will see the desktop. If you wish to go back to previously used app press "Menu" button. A list of recently used, active applications will appear. Choose the application you need and press it to use it again. If you wish to close the application drag it to left or right on the list. You can usually also disable the application by clicking on the cross in the top right corner of the application or disable all of them using the CLEAR ALL button under the list of windows (if there are more windows, you need to scroll through the list).

12.3 Uninstall applications

There are a few ways to uninstall an app. Beneath the 3 most common ways are presented.
1. Enter: [Applications menu] > [Settings] > [Apps and notifications] and from the list that appear select the app you wish to uninstall, tap it and choose option [Uninstall] > [OK].
2. Enter: [Applications menu] > [Play store] choose the magnifier and type-in the name of an app you wish to uninstall, tap it and choose option:[Uninstall] > [OK].
3. In [Menu Applications] touch and hold an application icon, drag it to the upper right corner and drop it on the [Uninstall] inscription. When we

move the icon to the inscription, it will turn to red. "Drop" it at that exact moment. Then confirm uninstalling.

You can uninstall apps installed by the user and some apps installed by the manufacturer. You cannot uninstall system applications.

12.4 Managing applications

You can manage the applications using the task manager. Enter**: [Applications menu] > [Settings] > [Apps and notifications].** A manager containing a list of applications will be launched. To stop an application touch its name and choose an option **[Force stop].**

13. Settings

Enter: **[Applications menu] > [Settings].** A window will appear containing the search engine (you can enter a part of the name of the searched resource to display a list of topics containing the typed text), suggestions on how to perform important user actions and settings of individual parameters of the device.

13.1 Network and internet
 Wi-Fi

Take a look at the I**nternet - Wi-Fi** chapter, which is situated further in the manual.

Mobile network

It allows, among other things, to connect to the Internet via a mobile network, select a mobile network operator, select the type of network and enable data roaming, launch extended LTE (4G) mode, access points.

Data Usage

Estimated calculations allowing to control the limits of data downloaded via mobile Internet, presentation of download speed. It is also possible to enable data-saving mode - applications that the user does not select will not download data in the background, which saves Internet package data.

⚠ Attention: transfer limits indicated here are measured by the phone software. *The operator may calculate the data transfer otherwise.*

There are also estimates to control the limits of data downloaded over Wi-Fi.

Hotspot and tethering

Providing a mobile data connection when setting up the phone as a portable Wi-Fi hotspot, Bluetooth, USB.

SIM cards
You can enable or disable the operation of one or both SIM cards, activate or disable a data connection, determine whether to make calls and send SMS from a specific card, or leave a choice each time you activate these features.

VPN
Allows to add configure Virtual Private Networks.

Aeroplane mode
Disables radio transmissions on the device, i.e. Wi-Fi, Bluetooth and Mobile Networks.

13.2 Connected devices
Application for switching on short-range radio transmissions, i.e. Bluetooth, NFC, Android Beam services, printing and USB support.

13.3 Applications and notifications
Displays a list of all applications installed on your smartphone. You can also manage notifications, application permissions, default applications, and set up special application access: Battery optimization, Device management applications, Don't disturb access, View over other applications, Virtual reality support services, Modify system settings, Access to notifications, Image in the image, Access to special SMS, Unrestricted data access, Access to usage data, Install unknown applications.

13.4 Battery
Display information on how the device uses the battery power, the ability to turn on intelligent energy saving, charging percentage, battery saving.

13.5 Display
Settings regarding the device display. You can set, among others:
- Brightness level (also Adaptive)
- Wallpapers
- Sleep
- Auto-rotate screen
- Font size and Display size
- Screen saver
- Indicator light reminded.

13.6 Sound
Ability to customize sounds to your liking. You can set:
- Sound and media volume, alarm volume, notifications and ringtone

volume
- Vibrations
- "Do not disturb" preferences
- selection of melodies and sounds for ringtones
- Notification and alarm sounds
- tones of: number dialling, screen lock, charging, at touch
- vibrate on tap
- Default alarm sound
- Sound enhancement (BesLoudness - for the loudspeaker).

13.7 Internal memory
Display information on status of an internal memory and microSD memory card.

13.8 DuraSpeed
It helps in accelerating the application which is in the foreground by limiting the application running and working in the background. Once enabled, some notifications from the background application may be delayed.

13.9 Security and location
Settings and information from Google Play Protect (checks your applications for harmful operation). The option of finding a lost smartphone can be activated. Possibility of activating screen lock (finger slide, pattern, PIN code, password, fingerprint), Smart Lock (leaves the device unlocked when it is near the owner - it is paired with trusted devices, is in a trusted place, hears a trusted voice, detects contact with the body), face ID. Here, you can permit applications to use data and GPS satellites to determine the approximate location of the device. Also the possibility to allow Google to use location data in order to improve search results, etc. Device management applications can be managed, anti-theft lock, data protection, SIM card lock, monitoring applications, encryption and login data, trust agents, screen clip-on.

13.10 Intelligent assist
You can adjust the operation of your fingerprint reader, navigation bar, a side key (normally assigned to start a camera application), take a three-finger screenshot, flip-side mute, smart answer by putting the phone to your ear, split screen mode.

13.11 Users and accounts
Possibility to assign a user account to Android OS. It is also possible to display, among other things, information about user accounts, change account settings, alarm information (medical information, alarm contacts). Possibility to activate automatic data synchronization.

13.12 Accessibility

Accessibility service are special features for people who are visually and/or auditory impaired. Changing the settings provides better access to the interface and device functions.

Among others, the following options are available:

- **[Select to Speak]** - reads descriptions and content when selected on the screen.
- **[Switch Access]** – Allows you to scan for items and select them using one or more switches.
- **[TalkBack]** – reads aloud information useful to the visually impaired and the blind when operating the device.
- **[Text to speech output]** text-to-speech options. The configuration of text-to-speech Google mechanism. Speech speed options and possibility to listen to an example.
- **[Magnification]** - magnifying the image on the screen.
- **[Large mouse cursor]** - mouse cursor will be larger. It works when you connect the mouse to your device.
- **[Click after cursor stops moving]** - launches the automatic click function and its delay when the cursor moves. It works when you connect the mouse to your device.
- **[Power button ends call]** - Ending phone calls using power on/off button
- **[Touch and hold delay]** - setting the recognition time for tapping and holding the options on the display.
- **[Mono audio]** - Combine channels when playing audio.
- **[Captions]** - facilitating function which allows you to turn subtitles on the device and specify their options (regarding i.e. the language, style, font).
- **[High contrast text]** - all colourful fonts become black.
- **[Colour correction]** - function helps people who have problems recognizing colors.
- **[Colour inversion]** - inverts the interface colours.

13.13 Google

It gives you control over your Google Account, including login data, personal information and privacy, settings, backup, instant apps, Google Fit™, Google Pay™, location, Nearby, device phone number, connected apps, contact recovery, and advertising. You can configure your business profile, nearby devices, SmartLock for passwords, search engine, control media transfer.

13.14 System

The following options are available:

- **Language and input** - allows you to customize your device's language settings, spell correction, personal dictionary, virtual and physical

keyboard, and speech.
- **Date and time** - Android date and time settings.
- **Backup -** Back up and restore settings.
- **Reset options** - Resets DRM securities, Wi-Fi, mobile network and Bluetooth, application settings, and erase all data from the device.
- **About phone** - Displays device information such as: System updates, Phone status, Legal information, Model, Android version, Security update status, Basic band version, Kernel version, Compilation number.

14. Phonebook
14.1. Adding contacts

One way is to enable the **[Phone]** application and enter the phone number you want to add. Then press **"Create a new contact"** . You will see a menu for selecting the location where you want to save the contact (Google Account, phone memory, SIM card). When a storage location is selected, a contact tab appears for the fields to be filled in. It is up to the user which fields one will fill - as a standard it is enough to enter a name and save the data by choosing **"Save"**. In addition to your name, you can also enter a second telephone number and describe it (home, work, business, etc.), your E-mail address, your personal data (name day, birthday).

14.2 Editing contacts
To edit a contact:
- Run application **[Contacts].**
- Choose and press the contact you wish to edit.
- Select the icon for editing.
- Insert changes in the fields you wish and press **"Save"** to save changes.

14.3 Deleting contacts
To delete a contact:
- Run application **[Contacts].**
- Choose and press the contact you wish to delete.
- Press button and choose "**Delete**", confirm with "**DELETE**".

14.4 Contacts import/export.
To copy/export contacts:
- Run application **[Contacts].**
- Press the button in the upper left corner and select **[Settings] > [Import]** or **[Export]**.

- Choose a source from which you wish to copy/export contacts.
- Choose a place into which you wish to import/export contacts.
- Choose the contacts you wish to copy.
- Press "**OK**" placed in the right upper corner to start copying.

15. Communication

15.1 Making calls

To make a call:

- Touch "**Phone**" icon placed on the main screen or in Android applications menu.
- Insert the phone number you wish to call or select it from the list - phonebook , or connection history .
- Press "handset" placed at the bottom of the screen and choose which SIM card you wish to use.

Here type the phone number.

1 2 ABC 3 DEF
4 GHI 5 JKL 6 MNO
7 PQRS 8 TUV 9 WXYZ
* 0 + #

Touch to make a call.
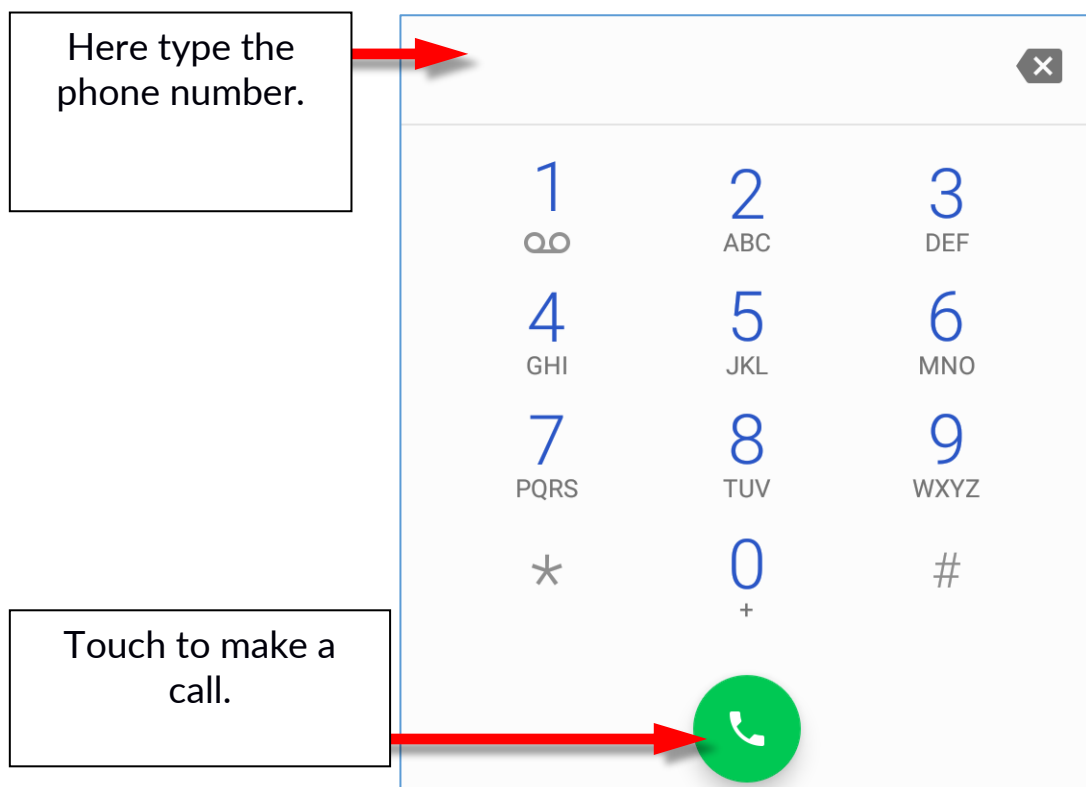
15.2 SMS - Messages

This smartphone can be used to exchange text and multimedia messages with

other cellphones. You can manage your messages using the **[Messages]** application in the home screen or smartphone menu. Incoming and received messages will be saved as a one conversation for each contact. In this way you can look through the whole conversation with given contact in a comfortable

way.
To be able to send an SMS, insert a SIM card into the slot in the device. Enter: **[Applications menu]** > **[Settings]** > **[Network & Internet] [SIM cards]** > **[SMS messages]** and tick the SIM card which is going to be used to send SMS messages. (When you exchange SIM card you have to repeat the whole process).
Generating message

You can manage your messages using the **[Messages]** application in the home screen or smartphone menu.

Run an application and touch icon , insert number and name. When you have chosen the contact a screen will appear where you type the message itself.
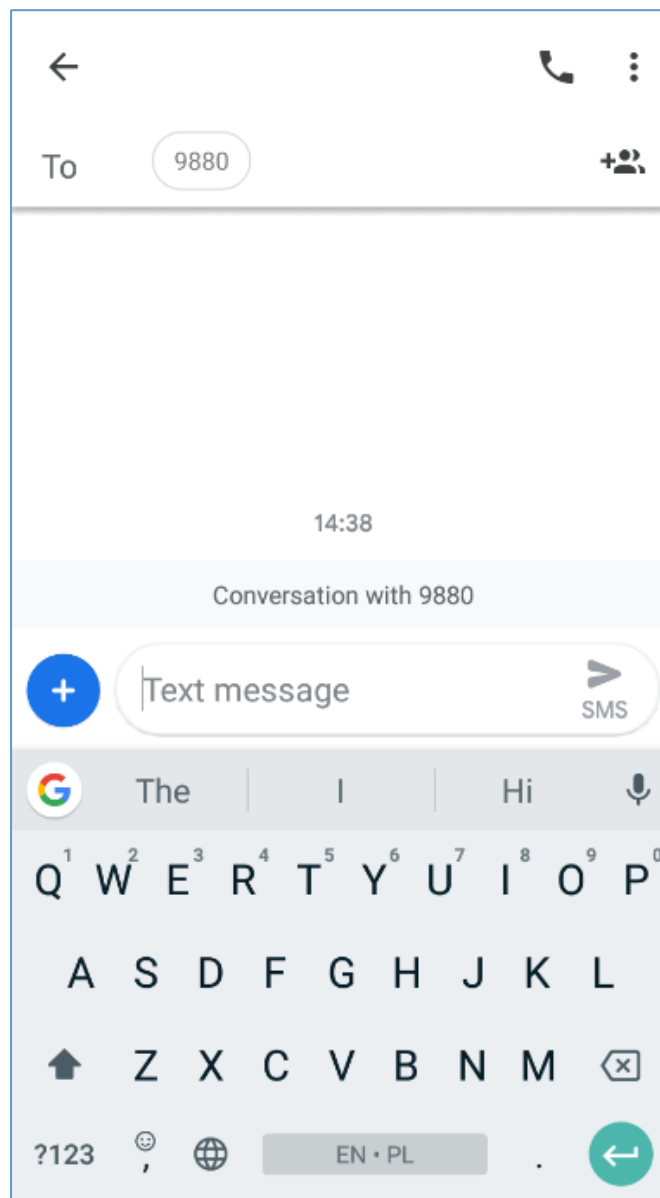
Type the message body. To send the message press .

Before you send a text message you can transform it into a multimedia message by pressing ⊕ symbol situated in the left corner of the textbox and adding a picture, video, audio or location.

16. Multimedia
16.1 Camera
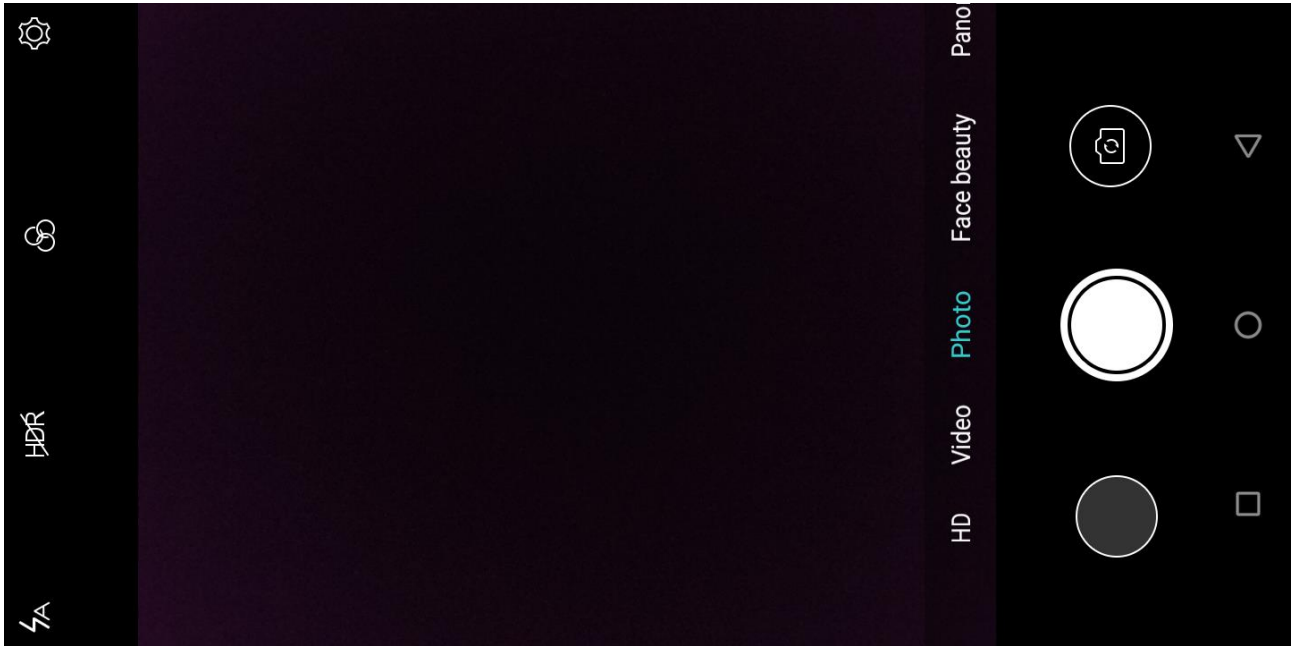
Icon	Description
HDR	HDR mode - high dynamic range.
⚡A	Flash mode
🔄	Activates the front or rear camera.
◯	Shutter of the camera.
⚙	Camera and Video recorder settings.
⊚	Effects selection menu.

⬤	Picture preview.
HD	Very high resolution photo mode
Video	Video mode
Snapshot	Photo mode
Face beauty	A mode to take photos with beautyfing filters.
Panorama	Panoramic mode - a few photos is put together into a panorama.

To take a photo place the photographed object in the frame and touch shutter button ◯. If necessary you can adjust exposure, flash and other settings or leave them in automatic mode (options available in settings).

Touch to go to settings:

- **Basic**
  - Picture size
  - Store location

- **Taking a photo**
  - Mute camera
  - Touch screen to take a photo
  - Self-timer
  - Grid line
  - ZSD (Zero shutter delay)
  - Anti-flicker
  - Volume buttons
  - Capture number
  - Storage path

- **The current page is loaded from a saved page and cannot be saved again.**
  - Video quality
  - Microphone
  - Noise reduction

16.2 Photos

Touch icon in applications menu to browse pictures and videos. Application displays pictures and videos stored in your smartphone and the SD memory card, including those that have been taken with the camera, downloaded from the web or from other locations. The following options are available in the application, among others:

1. **Share photos -** you can share your photos through Bluetooth, email and others, by touching an icon situated in the lower left corner of the "gallery" app.

2. **Deleting photos**: You can delete the photo you are viewing by pressing icon and confirming that you have moved the image to the bin.

3. **Details:** You can display more information on viewed picture by pressing icon.

4. **Edit photos** - While viewing the pictures in the gallery you can edit it any picture you want to. To do that touch icon.

16.3 FM Radio

[FM Radio] app is situated in the main menu.

⚠ To use the FM Radio, connect the corded headset to your smartphone using the supplied USB-C adapter - mini-3.5 mm.

Radio Stations

The current frequency

Searching for channel of lower

Recording and browsing through the

Choose loudspeaker or

Adding the current frequency to favourites.

Searching for a channel of higher

Turning the FM Radio On/Off

Lower/Higher frequency - adjustable of 0.1 MHz
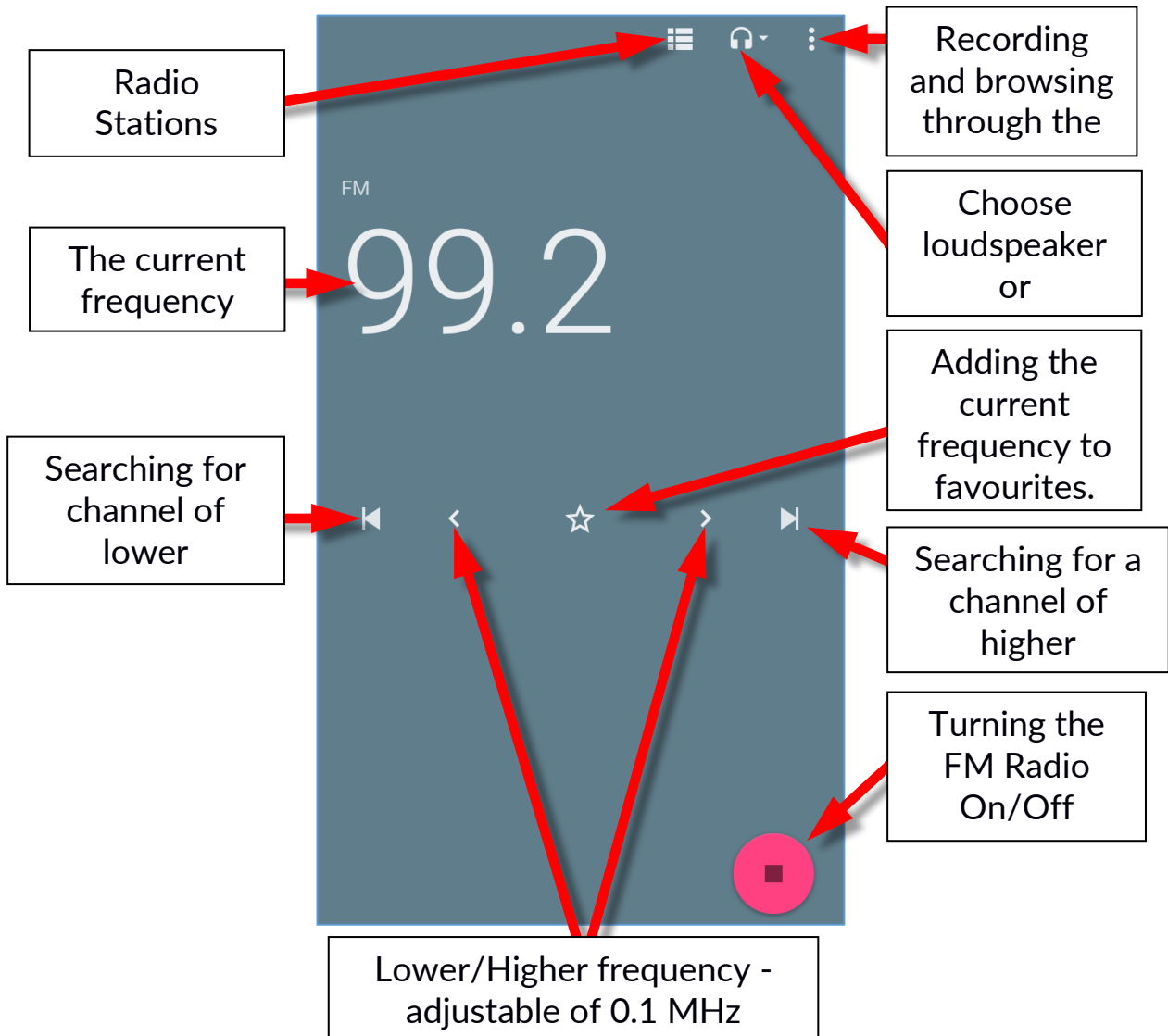
Touching ⦙ button will open a dialog window in which the following options appear:

- Start recording - enables recording radio stations and saving it in smartphone memory.
- Saved recordings - It allows you to go to the list of recorded files and listen, add to the playlist or edit them.

A radio station can be listened to in the background, so at this time other applications can be used on your smartphone.

17. Bluetooth

A built-in Bluetooth module uses a wireless, short-range communication technology used to exchange data up to 10 meters distance. The most commonly used Bluetooth devices are headphones or wireless speakers used to make voice calls and listening to music. Also car kits and other wireless mobile devices such as laptops, tablets, and mobile phones are often used.

← Bluetooth

On ⬤

Visible as "Blade 2 PRO" to other devices

Paired devices

Pair new device
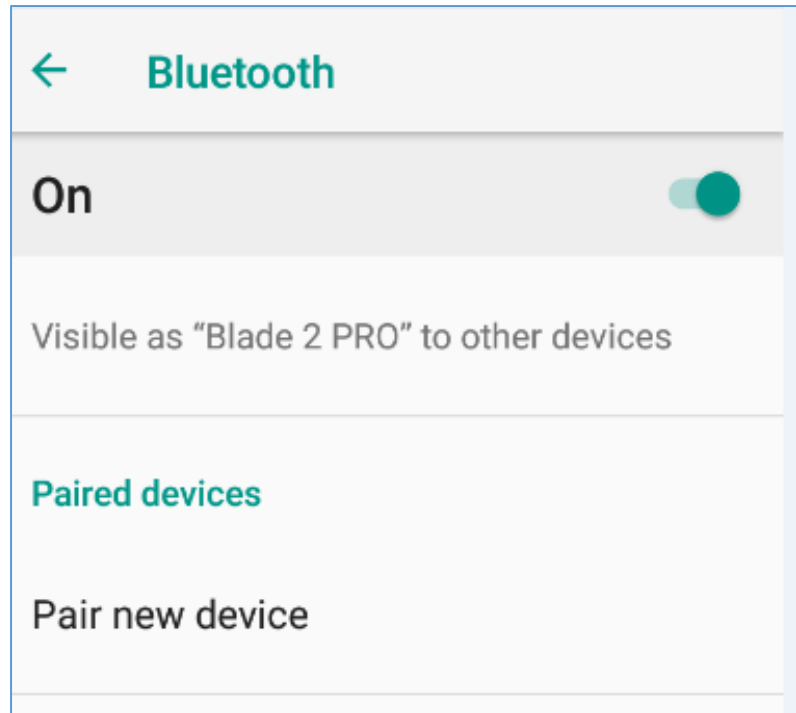
17.1 Sending files

To send the file, select **[Application Menu] > [Settings] > [Connected Devices] > [Bluetooth]**, slide the **[Bluetooth]** slider to the right to enable the module. Enter **[File manager]** search and hold a little longer the file you wish to share.

Then touch an icon and choose Bluetooth from the list. In the list, touch the device ID to start pairing. When pairing is complete and transfer is confirmed on the target device, the file will be send.

17.2 Receiving files

To receive the file, select **[Application Menu] > [Settings] > [Connected Devices] > [Bluetooth],** slide the **[Bluetooth]** slider to the right to turn on the module. When paired, the smartphone will receive a file send from another device and will save it in its memory, when confirmed.

17.3 Connection a bluetooth headset

To connect a headset to your smartphone enter: **[Application menu] > [Settings] > [Connected devices] > [Bluetooth]** > and select headset ID from the list. When pairing is active you will be able to listen to music and pick/make calls.

18. Internet
18.1 Wi-Fi
An option used to connect the device to an Wi-Fi network.
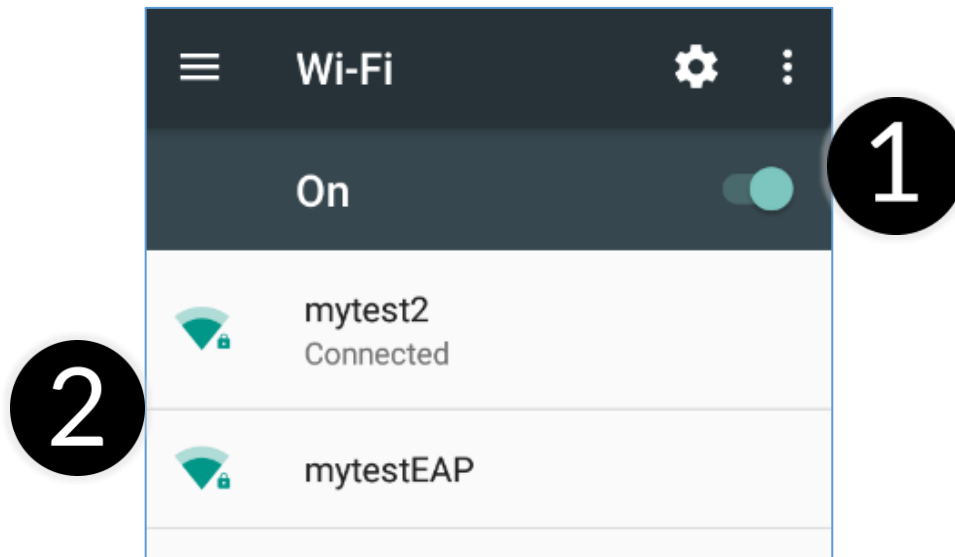
1. Select **[Application menu] > [Settings] > [Network and Internet] > [Wi-Fi]** and slide the slider (1) to the right (turn it on). If you want to add or specify a new Wi-Fi network, press the **[Add Network]** button and enter the SSID, select the type of security, and if necessary set the proxy server and the IP type.
2. In this field you can see a list of available Wi-Fi (2) networks, connection status between the device and given network, an icon depicting network signal strength, security (a padlock visible).

⚠ If a Wi-Fi network is secured then on an attempt to connect an enquiry for password will appear, which is to be entered by a virtual alphanumeric keyboard.

18.2 Connecting with 3G/LTE (4G) network
Using a smartphone you can use the mobile internet offered by your mobile operator. To use the Internet on your smartphone, your SIM card should be able to connect to a 3G/LTE (4G) network, and your smartphone must be within range of that network. If you are not sure if the SIM card has the ability to connect to above mentioned network, or you are not sure if your smartphone is in 3G/LTE (4G) network range contact you cellular network operator. To turn on the mobile internet, the SIM card must be inserted into the slot on the device. Enter: **[Applications menu] > [Settings] > [Network & internet] > [SIM cards] >[Mobile data]** and tick the SIM card with which you are going to connect to the Internet. (When you change SIM card you have to repeat the whole process). Subsequently, expand the notification bar (starting at the top edge) and press

⊠ and device should connect to the 3G/LTE (4G).

⚠️ If you do not have the Internet enable it in: **[Applications menu] > [Settings] > [Networks & Internet] > [Mobile network]** roaming of national calls or all calls.

19. Adding APN access points

A correct configuration of APN settings is needed for the proper functioning of MMS service and the mobile Internet network.

⚠️ *The best option is checking data which should be in APN on the website of cellular operator, whose SIM card is being installed. In some cases those data can be received via SMS or email.*
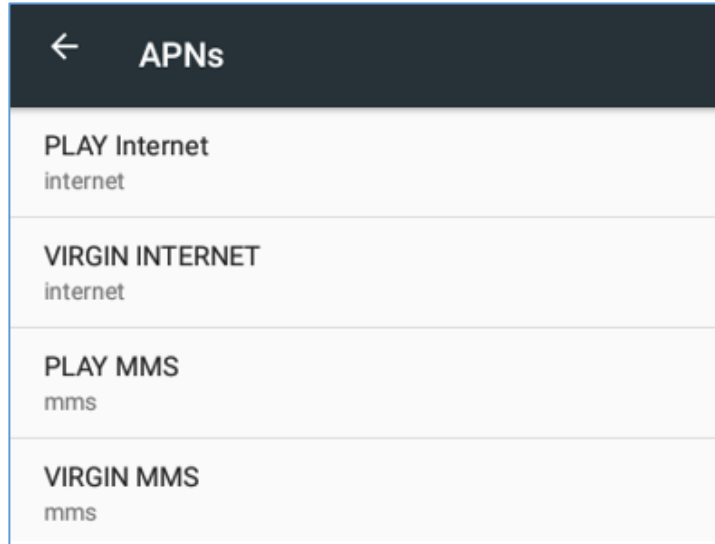
If you need to add them manually, after finding information about the values to be recorded in APN, you must usually enter: **[Applications menu]> [Settings]> [Networks & internet]> [Mobile network]> [Access point names].**

Subsequently touch the upper right corner ➕ which will add an APN point. An ability to fill in some fields will appear. Below are examples of screens filled with fields for APN operator T MOBILE.

For MMS:

For the Internet:

HAMMER BLADE 2 PRO

Edit access point ⋮	Edit access point ⋮	Edit access point ⋮
Name T-Mobile.pl INTERNET	MMSC Not set	APN type default,supl
APN internet	MMS proxy Not set	APN protocol IPv4/IPv6
Proxy Not set	MMS port Not set	APN roaming protocol IPv4/IPv6
Port Not set	MCC 260	APN enable/disable APN enabled
Username Not set	MNC 02	Bearer Unspecified
Password Not set	Authentication type Not set	MVNO type None
Server Not set	APN type default,supl	MVNO value Not set

After filling them (not all have to been given values), you need to click the icon
⋮ in the upper right corner of the screen and select [Save], if you want to keep
the APN in the device memory or [Reject], when you want to exit the window
without saving.

20. Location

There is a possibility to permit applications to use data and GPS satellites to
determine the approximate location of the device. Also the possibility to allow
Google to use location data in order to improve i.e. search results. Before using
location services, such as map and navigation applications, or internet services,
ensure that there is an active wireless connection to the Internet and the
function of the GPS satellites in the [Application Menu]> [Settings]> [Location
and blockades].

21. Smartphone software update by OTA

From time to time, the manufacturer provides system software update, so that
the devices receive new possibilities, patches, etc.

There is an application in the system [System update] . It allows you to
check whether any update is available and if so, you can download it from the
Internet and install on the device.

⚠️ *The internal memory of the device is NOT used for updating system software,
so during the upgrade process you may receive the message* **"Downloading and
installing an update requires an SD card.**" *It means that the update file is so large
that it does not fit in the standard cache memory of the device. Therefore, to*

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*properly perform the update process, insert the SD card containing enough free space and specify it in the system as an **external memory.** If the card is specified as an **extension of internal memory**, the update will not be possible.*

⚠ *Remember that updates tend to have an expected size counted in hundreds of megabytes, so we recommend that you carry them out when connected via Wi-Fi. Updating via the GSM network may contribute to the operator charging for data downloaded from the internet.*

⚠ *Please remember that before upgrading, the battery charge level should be higher than 30%. If it is lower, plug the device to the power grid and charge the battery **at least** to 30%.*

⚠ *While updating the device might restart on its own a few times. You should not remove the battery or use any of device features, as this may cause the device to stop working.*

22. Safety remarks
22.1 Troubleshooting

⚠ *In case of any problems with the device we strongly advice to make a copy of an important data (contacts, SMS, photos, videos, music etc.) and restart the phone or restore default factory settings.*

If the problem continues, read the following tips and follow the given suggestions in case of problems with a particular section:

- **SD Memory card** - check if it is properly mounted in the corresponding SD card slot. If it does not help use another memory card of appropriate class and capacity.
- **USB** - check the cable, by plugging another device. Check the form of a USB connection in smartphone settings (shortcut available in screen notifications). If it doesn't help, use another cable.
- **Bluetooth** - check whether the connection is active and Bluetooth visibility options are enabled. Make sure that both devices are in Bluetooth connection range and there are no obstacles between them (interesting fact - some LCDs absorb magnetic waves). Make sure that the devices have a sufficient amount of memory to exchange files. Make sure both devices have disabled the aeroplane mode. It blocks Bluetooth, Wi-Fi, and cellular networks.
- **Internet/Wi-Fi -** Check if the aeroplane mode is not on, because it disables using any wireless network functions. Check network range. Check if the function is activated in the device and the parameters set correctly. Check the login password to the Wi-Fi network.
- **Sounds** - make sure that the sound in the phone is not muted. Check other smartphone sound settings. Check if the plug at the end of the cable is connected correctly to the 3.5 mm minijack socket. Some minijack plugs differ from each other which also might be a reason. Try another cable or use an

adapter.

- **Photos and screenshots** - check if the camera lens is not somehow obscured. Check if the device has a sufficient amount of memory on the SD card or internal memory (depending on the carrier, in which photos or screenshots are stored). Check if the SD memory card has been mounted correctly.
- **Although the battery is charging, the battery charge continues to drop** - turn off all options, such as Wi-Fi, Bluetooth, Location, and then reduce the brightness of the screen (these options consume the most power from the battery of the device), then turn Aeroplane mode on the device. Those easy steps will accelerate the charging process. It is recommended to charge the device with the charger, and not through a USB port on your computer.

If the problem persists, contact your dealer.

22.2 Protection of memory card data
- Do not take out a memory card while information are being transferred or used by the device. This may cause data loss or damage to the card or device.
- Do not touch the pins with your fingers or metal objects. In case of any dirt, wipe the card with a soft dry cloth.

22.3 Protection of personal data and important information
- It is recommended to regularly back up important data. The manufacturer is not liable for any loss of information.
- Before selling or donating the device, delete all data **[Application menu] > [Settings] > [System] > [Reset options] > [Erase all data (factory reset)].** This way you can protect yourself from accessing your personal information by unauthorized people.
- Downloading applications, refer to the on-screen information. Particular caution should be exercised in the case of applications that have access to many functions or to a significant amount of personal information.
- Regularly check your account in terms of unauthorized or suspicious use. If traces of misuse of personal information are discovered, contact your service provider to delete or change your account information.
- In the case of loss or theft of the device immediately change the passwords for the accounts (Google, email, social networking, etc.).
- Try not to use applications coming from unknown sources. Lock the device using the pattern, password or PIN code.
- Do not distribute copyright-protected material.
- Do not distribute copyrighted content without permission of the copyright holder. Failure to do so may result in copyright infringement. The manufacturer is not liable for any legal consequences of illegal use by the user of copyrighted material.
- Use anti-virus software, which regularly update the virus signature database.

22.4 Correct battery use remarks.

- The battery may be charged with USB port in the computer or laptop. Nevertheless, it is not a recommended form of charging an operating device due to the low charging current offered by the USB - even though the device is connected to a power source battery can still gets discharged. If you wish to charge your device this way turn off the device.
- If the battery level is low, recharge it to continue the use of the device. If you wish to prolong the battery life span, discharge the battery beneath 20% of the battery capacity and charge it back to 100%.
- If not used, unplug the charger from the device. Excessive charging might cause shortened battery life.
- The temperature of the battery has an impact on its charging cycle. Prior to the charging process, cool the battery or raise its temperature so that it is similar to the room temperature. If the battery temperature exceeds 40°C/104°F it must not be charged!
- Do not use a damaged battery!
- The battery life span can be shortened, if it has been exposed to very low or very high temperatures - this causes interference to the device, even when the battery has been properly charged.

23. Maintenance of the device

To prolong the life span of the device act according to these instructions.

- Keep the device and its accessories out of reach of children.
- Avoid contact with liquids; it can cause damage to electronic components of the device.

- Avoid very high temperatures for it can shorten the life of device electronic components, melt the plastic parts and destroy the battery.
- Do not try to disassemble the device. Tampering with the device in an unprofessional manner may cause serious damage to the device or destroy it completely.
- For cleaning use only a dry cloth. Never use any agent with a high concentration of acids or alkalis.
- Use only the original accessories. Violation of this rule may result in an invalidation of the warranty.

The packaging of the device can be recycled in accordance with local regulations.

24. Surroundings security

Turn off the device in areas where its use is forbidden or when it may cause interference or danger. The use of any devices that radio waves causes interference with medical devices (i.e. cardiac pacemaker), if they are not properly secured (if in doubt, consult your doctor or medical device manufacturer).

Attention	Statement
The manufacturer is not responsible for any consequences caused by improper usage of the device and not obeying the above instructions.	The software version can be upgraded without earlier notice.

25. The use of the manual

25.1 Consents

Without prior written consent of the manufacturer, no part of this manual may be photocopied, reproduced, translated or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or storing in any systems of storing and sharing information.

25.2 Appearance

The device and screen shots contained in this manual may differ from the actual product. Accessories attached to the set may differ from the illustrations included in manual.

25.3 Trademarks

- Google, Android, Google Play, Google Play logos and other brands are Google LLC trademarks.
- Oracle and Java are a registered trademarks of Oracle and / or its affiliates.
- Wi-Fi® Wi-Fi logo are a registered trademarks Wi-Fi Alliance association.
- All other trademarks and copyrights belong to their respective owners.

26. Correct disposal of used equipment

The device is marked with a crossed-out garbage bin, in accordance with the European Directive 2012/19/WE on used electrical and electronic Equipment (Waste Electrical and Electronic equipment - WEEE). Products marked with this symbol should not be disposed of or dumped with other household waste after a period of use. The user is obliged to get rid of used electrical and electronic equipment by delivering it to designated recycling point in which dangerous waste are being recycled. Collecting this type of waste in designated locations, and the actual process of their recovery contribute to the protection of natural resources. Proper disposal

of used electrical and electronic equipment is beneficial to human health and environment. To obtain information on where and how to dispose of used electrical and electronic equipment in an environmentally friendly manner user should contact their local government office, the waste collection point, or point of sale, where the equipment was purchased.

27. Correct disposal of used battery

In accordance with Directive 2006/66/EC as amended by Directive 2013/56/EU on the disposal of batteries and accumulators, this product is marked with the symbol of a crossed-out waste bin. The symbol indicates that the batteries used in this product should not be disposed with regular household waste, but treated according to the legal directives and local regulations. It is not allowed to dispose of batteries and accumulators with unsorted municipal waste. Users of batteries and accumulators must use the available collection points of these items, which allows them to return, recycle and disposal. Within the EU, the collection and recycling of batteries and accumulators is a subject to separate procedures. To learn more about existing procedures of recycling of batteries and accumulators please contact your local office or an institution for waste disposal or landfill.

28. Specific absorption rate (SAR)

SAR is a value indicating the amount of radiation emitted by the phone. The SAR limit recommended by the Council of the European Union is 2 W/kg. Maximum SAR values for HAMMER Blade 2 Pro phone are **1.471** W/kg for LTE 2100 MHz and **0.431** W/kg for Wi-Fi 2.4 GHz.

The maximum radio frequency power emitted in the frequency range.	
Frequency Range	Transmit Power
GSM 850/900/1800/1900 MHz	2W/1W
UMTS 900/2100MHz	0.25W
LTE 850/900/1800/2100/2600 MHz	0.2W
SRD 5745 -5825 MHz	6.97 dBm EIRP
WiFi 2412-2472 MHz	10.73 dBm EIRP
Bluetooth 2402-2480 MHz	-2.59dBm EIRP

29. Declaration of conformity with European Union Directives

mPTech Ltd. hereby declares that HAMMER BLADE 2 PRO cellular phone is compliant with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following Internet address:

www.myphone.pl/qr/hammer-blade-2-pro