



Punkt Tronics AG MC02 5G Secure Phone User Manual

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Punkt.

Punkt Tronics AG MC02 5G Secure Phone



Specifications

- **SIM Card Compatibility:** Nano SIM
- **Memory Card Compatibility:** Nano SIM and MicroSD
- **Battery Charging Time:** Max. 2.5 hours
- **Charging Method:** USB-C cable or wireless charger
- **Power Button:** Long-press to switch on/off, short-press to activate screen

Product Usage Instructions

Inserting the SIM card and memory card

1. Remove the SIM tray from the side of the phone using the SIM ejector tool.
2. Place the nano SIM card(s) or memory card(s) into the card slots, ensuring correct orientation.
3. Insert the SIM tray back into the MC02 with the contact area facing downwards.

Charging the battery

1. Plug the USB charger into a power source and connect it to the phone using the USB-C cable.
2. Charge the battery to 100% (max. 2.5 hours).
3. To disconnect the charger, unplug it from the phone first, then from the power outlet. Pull the plug, not the cable, to prevent damage.
4. Note: The MC02 can also be charged wirelessly using a wireless charger. Switch it off if not in use for a few days.

Switching the MC02 On/Off

To switch on: Long-press the Power button. To switch off: Long-press the Power button, then tap the Power off icon on the screen.

Setting up the MC02

1. Turn on the MC02 by long-pressing the Power button and follow the on-screen instructions.
2. If possible, update the operating system using WLAN to avoid unnecessary mobile network data use.

Making a call

1. Activate the screen by short-pressing the Power button and swipe up to unlock.
2. From the Home screen, swipe left and tap the Phone icon, then the Keypad icon.
3. Enter a phone number and tap the Call icon. Use the Back icon to correct any mistakes.
4. To end the call, press the End icon.

Frequently Asked Questions (FAQ)

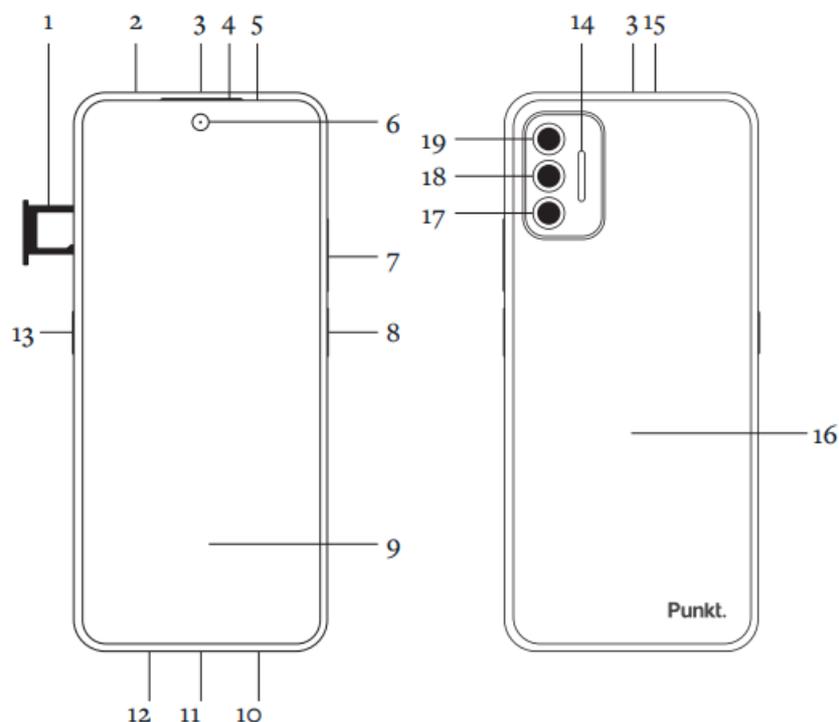
- **Where can I download the full Instruction Manual?**

You can download the Instruction Manual from punkt.ch for complete information on how to use the MC02.

- **Can the MC02 interfere with other electronic devices?**

Yes, the MC02 emits radio signals that may interfere with other electronic devices. Similarly, interference from other electronic devices may affect its ability to connect with a mobile phone network.

PRODUCT OVERVIEW



1. SIM card & microSD tray
2. Headset jack 3.5mm
3. Top microphone
4. Top speaker
5. Charging LED
6. Front camera
7. Volume button +/-

8. Power button / Fingerprint sensor
9. Touchscreen
10. Bottom speaker
11. USB type C port
12. Bottom microphone
13. Customisable function button
14. Flash
15. Barometer (internal)
16. Coil (internal) for NFC and for inductive charging
17. Macro camera
18. Wide angle camera
19. Main camera

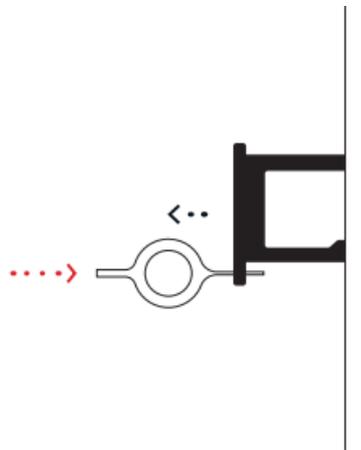
Getting Started

Please read the Product and Safety information before using the MC02. Please also check punkt.ch for any updates.

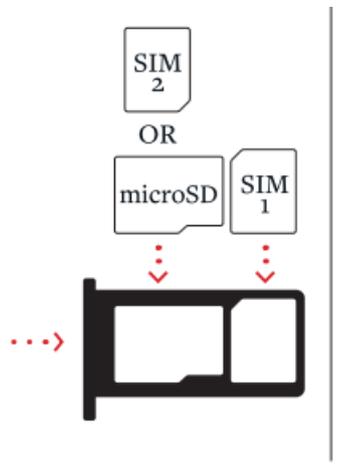
Inserting the SIM card and memory card

You can insert two nano SIM cards or one nano SIM card and one microSD memory card into the MC02.

1. Remove the SIM tray from the side of the phone by inserting the SIM ejector tool into the small release hole next to it and pushing firmly.

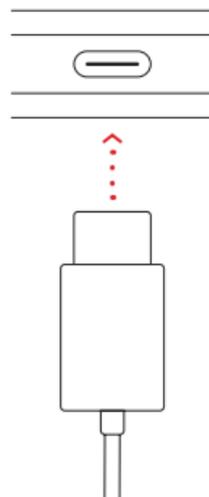


2. Taking care not to touch the metal contact element, place the nano SIM card(s)/memory card in the card slots. The angled corner ensures correct orientation.
3. Insert the SIM tray back into the MC02 with the SIM card(s) /memory card contact area facing downwards.



Charging the battery

- The battery may already be partially charged, before using the MC02 you should charge it to 100% (max. 2.5 hours).
- Plug the USB charger into an appropriate power source and then connect it to the phone with the USB-C cable provided.
- When the display shows that the MC02 is fully charged, unplug the charger from the phone first, then from the power outlet.
- To prevent cable or socket damage, always pull the plug, never the cable, and pull in line with the socket.
- The MC02 can also be inductively charged using a wireless charger.
- If you are not using the MC02 for a few days, switch it off.



Switching the MC02 On/Off.

- Long-press the Power button to switch on; short-press to activate screen.
- To switch off, long-press the Power button; then tap the Power off icon on the screen.



Setting up the MC02.

- Long-press the Power button to turn on the MC02 and follow the instructions on the screen.
- If possible, update the operating system using WLAN to avoid unnecessary mobile network data use.

Making a call.

1. Short-press the Power button to activate the screen and swipe up to unlock the screen.
2. From the Home screen swipe left, then tap the Phone icon followed by the Keypad icon.



3. Enter a phone number and tap the Call icon. If you make a mistake, tap the Back icon.



4. When finished, press the End icon.



For full information about how to use the MC02, please download the Instruction Manual from punkt.ch

Product and Safety Information

Consult the Instruction Manual before using your MC02 (available at punkt.ch), read carefully and refer to the product and safety sections for more details about the information given here. Failure to comply presents a risk of injury and damage to the device.

- The MC02 emits radio signals, which may interfere with other electronic devices. Also, interference from other electronic devices may affect its ability to connect with a mobile phone network.
- Turn the MC2 off in areas where the use of mobile phones is not allowed, or when it may cause radio interference or danger.
- Obey all local laws covering the use of mobile phones (including hands-free) when driving.
- Protect the MC02 from all forms of moisture at all times. To prevent possible damage, do not use or store it in wet conditions or high levels of humidity.
- Do not open, dismantle or modify the MC02. Never use it if it is damaged. If servicing or repair is necessary, ensure that this is only carried out by a qualified person.
- If the MC02 is damaged, stop using it and place it in a plastic bag to contain possible battery leakage. The MC02's screen is made of glass; protect it from impact. If it breaks, do not touch or attempt to remove the broken glass. Stop using the MC02 and arrange for the screen to be replaced by an authorised technician.
- Keep the MC02 and its cables out of the reach of small children and pets. The device and its accessories are not toys, and contain small parts with sharp edges that may cause an injury or create a choking hazard. Seek medical attention immediately if small parts are swallowed. A child may only use the mobile phone under the supervision of an adult.

- Do not expose the MC02 or charger to fire or heat sources. It may cause explosion, fire or other hazards.
- Do not use the MC02 in environments with a risk of explosion, such as near petrol (gasoline) pumps. Sparks may cause an explosion or fire resulting in injury or death.

Protect your hearing

Exposure to loud sound levels can permanently damage your hearing. Do not hold the device near your ear in loudspeaker mode. Take care if using headphones or similar, as high-volume settings may damage your hearing. Use of headphones may affect your ability to hear external sounds and can lead to a dangerous lack of awareness of your surroundings.

Hospitals and Medical devices

- Switch off your wireless device when requested to do so in hospitals, clinics or healthcare facilities.
- Keep the MC02 away from medical devices, including pacemakers and cochlear implants. These could malfunction, potentially causing serious harm or death.
- Please consult your doctor / contact the relevant manufacturer if you or the people around you use medical devices for information on whether such devices are protected from radio frequency signals in the environment.
- Ensure that the distance between the phone and a pacemaker / implantable cardioverter-defibrillator is at least 152 mm. Use the mobile phone on the opposite side to the implant to reduce potential interference. Switch the mobile phone off immediately if interference occurs. Do not keep the mobile phone in a shirt pocket.
- Some digital wireless devices can interfere with hearing aids and cochlear implants. Please consult the manufacturers of these products if interference occurs.

Emergency calls

Emergency call numbers vary by location. Ensure that you know them for where you are, especially when travelling. Important: A network connection can never be guaranteed. DO NOT rely on the MC02 for emergency communication.

Battery

The MC02 contains a lithium-ion battery. Contact Punkt. or a Punkt. authorised service provider to replace the battery. Do not remove or dismantle it; it will become hazardous if damaged and may overheat, explode or catch fire and burn. Do not dispose of it with household waste; it should be recycled (still inside the phone) at a specialist facility. If liquid from the battery touches the skin or eyes, seek urgent medical assistance.

Charger and other accessories

- Charge the battery only indoors (room temperature 10°C to 30°C). The battery temperature rises during the charging process, avoid charging the battery for longer than 12 hours. Never use a damaged charger or other accessory.
- Unplug the charger when not in use, especially if there is a possibility of lightning nearby. Use the charger for its intended purpose only. When unplugging always pull the plug (not the cable). Do not use the phone whilst the phone is charging.
- Use only certified chargers and accessories that are known to be compatible with a Limited Power Source output per IEC 60950-1 and/or PS2 classified output per IEC 62368-1, rated: 9 V DC maximum 2 A; 5 V DC maximum 2A.

Extreme temperatures

Store and use the MC02 between 15° and 25 C for optimal performance and battery life. Avoid extreme

temperatures (below 0°C or above 40°C). Exposure to extreme temperatures may cause the phone to stop working temporarily and/or cause permanent damage. If such exposure is inevitable, keep the MC02 switched off and in a plastic bag.

Long periods of use

Using the device for long periods may mean assuming an unhealthy body posture. Take a 15-minute break every hour. Consult a doctor if you feel unwell after long period use.

Aeroplanes, vehicles and road safety

- Switch off your mobile phone in aeroplanes, observe applicable restrictions and regulations and follow the instructions issued by flight personnel. Wireless devices can interfere with the function of aeronautical equipment.
- Road safety is paramount Using a mobile phone whilst driving, whether hand-held or hands-free, is distracting and dangerous. You may be violating applicable laws.

Regulatory compliance

You can find information about regulatory requirements and guidelines in the MC02 menu: Settings > About Phone > Legal and Regulatory.

CE compliance statement

- Punkt Tronics AG declares that the MC02 complies with Radio Equipment Directive 2014/53/EU. The full declaration of conformity is available at punkt.ch/en/mc02-regulatory.
- The 5150 – 5350 MHz band is restricted to indoor use in the UK and for the following countries:

	AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES
FI	FR	HR	HU	IE	IS	IT	LI	LT	LU	LV	MT
NL	NO	PT	PL	RO	SE	SI	SK	TR	UK/(NI)		

Recycling and crossed-out wheelee bin symbol

The crossed-out symbol signifies that the product (including its battery) must be disposed of separately from household waste. Separate out electronic equipment and packaging materials. Do not dispose of this product as unsorted municipal waste. At the end of its life, take it for recycling at an appropriate collection point. Contact your local authority for more information.

FCC and ISED Canada compliance statement

This device complies with Part 15 of the FCC Rules. This device complies with ISED Canada RSS standard(s) for permit-free devices and CAN ICES-3(B)/NMB-3(B). Operation is subject to the following two conditions:

1. This device may not cause harmful interference
 2. this device must accept any interference received, including interference that may cause undesired operation.
- NOTE: To ensure that interference stays within acceptable levels, appropriate cables and accessories must be used.

RF Specific Absorption Rate (SAR)

- The MC02 has been tested and meets applicable limits for radio frequency (RF) exposure.
- To reduce exposure to electromagnetic radiation during communication, you can use a hands-free option such as the built-in speakerphone or an earpiece.
- The SAR limit rates for the MC02 when either held to the ear or attached to a body-mounted holder varies by country as follows:

SAR regulation	Head	Body	Limb	SAR limit
FCC/ISED (over 1 g)	○ mm	10 mm		1.6 W/kg
CE (over 10 g)	○ mm	5 mm		2.0 W/kg
CE (over 10 g)			○ mm	4.0 W/kg

Radio frequency band information

- **Cellular Network**
 - **2G (GSM) 900** 33.36 dBm
 - **2G (GSM) 1800** 29.99 dBm
 - **3G (WCDMA) B1** 24.90 dBm
 - **3G (WCDMA) B8** 25.16 dBm
 - **4G LTE (FDD) B1/2/3/4/5/7/8/12/13/17/20/25/26/28/30/66/71** 25.45 dBm
 - **4G LTE (TDD) B38/41/42/48** 25.14 dBm
 - **5G NR N1/2/3/5/7/8/12/20/25/28/41/48/66/71/77/78/79** 25.08 dBm
- **WLAN**
 - **2.4 GHz** 18.05 dBm
 - **5.1~5.7 GHz** 16.11 dBm
 - **5.8 GHz** 13.85 dBm
- **BT**
 - **2.4 GHz** 5.09 dBm
- **NFC**
 - **13.56 MHz** -30.52 dBm

Open-source software.

Certain components of the Software are available as open-source. The open-source software is available under its own terms. Refer to [aphy.app/tos](#).

Warranty

Please retain all documentation supplied with the product for future reference, as well as your proof of purchase and the original packaging.

- Punkt. guarantees this product for a period of two years from the date of purchase. The warranty is only valid for the original purchaser and only applies to defects attributable to the production process or materials used. If an issue arises, it will be repaired or replaced as decided by Punkt. after assessment by us. Claims under

warranty must be accompanied by proof of purchase. Please note that we are not liable for any damage incurred while a product is being returned to us; we strongly recommend that the original packaging is retained in case the product ever needs to be sent back. The warranty shall not apply to or extend to software or services provided with the product.

- The warranty does not cover disposable batteries and devices fitted with accessories not authorised by Punkt.. Also, please note that items such as power cords, connector cables, sockets, battery compartment covers, etc. are very easily damaged by rough handling. As stated above, claims are dependent on flaws being clearly due to manufacturing and/or materials; please treat these items with care. The warranty also does not cover accidental damage caused by dropping, breaking, lightning including water damage, forgotten passwords, misuse, and negligence. In particular claims are null and void if the product has been tampered with by unauthorised persons, the device is opened, components on the printed circuit board are manipulated, the software is manipulated. Defects or damage caused by mechanical, chemical, radio interference or thermal factors (such as sauna, microwave etc.) are also not covered.
- This warranty does not cover any other claims arising from or related to the product. It is important to note that this warranty does not seek to restrict or eliminate the customer's statutory rights, nor does it affect Punkt's responsibility in cases of death or personal injury caused by its negligence.

Exclusion of liability

- Your device's display consists of pixels. Each pixel consists of three sub-pixels (red, green, blue). A sub-pixel may be missing or has a colour deviation. A warranty claim is only valid if the maximum number of permitted sub-pixel defect is exceeded. Wear and tear signs on the display and casing, including rust or stains, are excluded from the warranty.

Description	Maximum number of permitted sub-pixel defect
Colour illuminated sub-pixels	1
Dark sub-pixels	1
Total number of coloured and dark sub-pixel defect	1

- For further information please contact the Punkt. dealer closest to you or get in touch with us via punkt.ch.
- The information in this document is provided "as is" without any obligation, representations or warranties – express or implied. We reserve the right to amend or update information at any time and without prior notice.
- The products grant access to certain content and services that belong to third parties and are safeguarded by intellectual property laws, including copyrights, patents, and trademarks. It is essential to respect the authorization of the content owner or service provider when using such content or services. To clarify, unless explicitly permitted by the content owner or service provider, you are prohibited from engaging in activities such as altering, reproducing, sharing, uploading, publishing, transmitting, translating, selling, creating derivative works from, or distributing the content or services displayed on the product, regardless of the format or medium.
- © 2023 Punkt Tronics AG. All rights reserved. The MC02 is a registered product design. Punkt. and the Punkt. logo are registered trademarks owned by Punkt Tronics AG. All other trademarks are the property of their respective owners.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference,
2. this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Specific Absorption Rate (SAR) information:

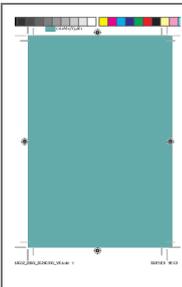
This smart phone meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: smart phone (FCC ID: Z3PMC02) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.842W/kg and when properly worn on the body is 1.135 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.



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MC02 5G Secure Phone, MC02, 5G Secure Phone, Secure Phone, Phone

References

- [Punkt.: elegant technology for the 21st century](#)
- [Punkt.: Elegante Technologie für das 21. Jahrhundert](#)
- [Punkt.: elegant technology for the 21st century](#)
- [MP02 Conformità regolamentare](#)
- [User Manual](#)

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