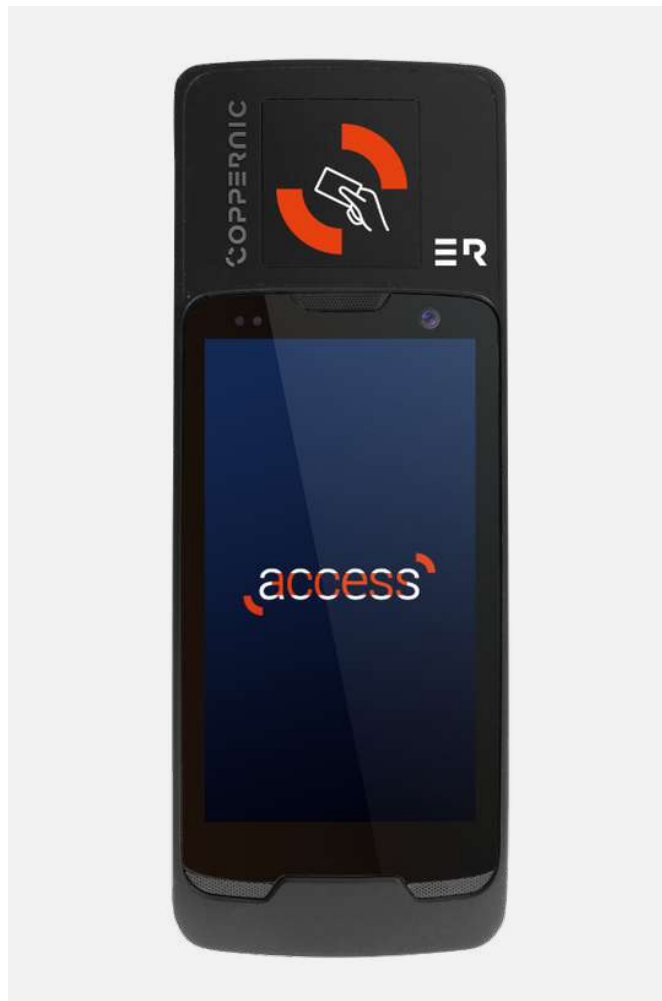


access-ER-HF ASK

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| Non-Contractual Pictures |

20 Rue Georges Claude
ZI Les Milles - 13290 Aix-en-Provence FRANCE
T. +33 (0)4 42 65 25 65 F. +33 (0)4 42 51 57 32

coppernic.fr

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SIRET : 509 059 572 00024 • APE 6201Z • TVA : FR 58 509 059 572

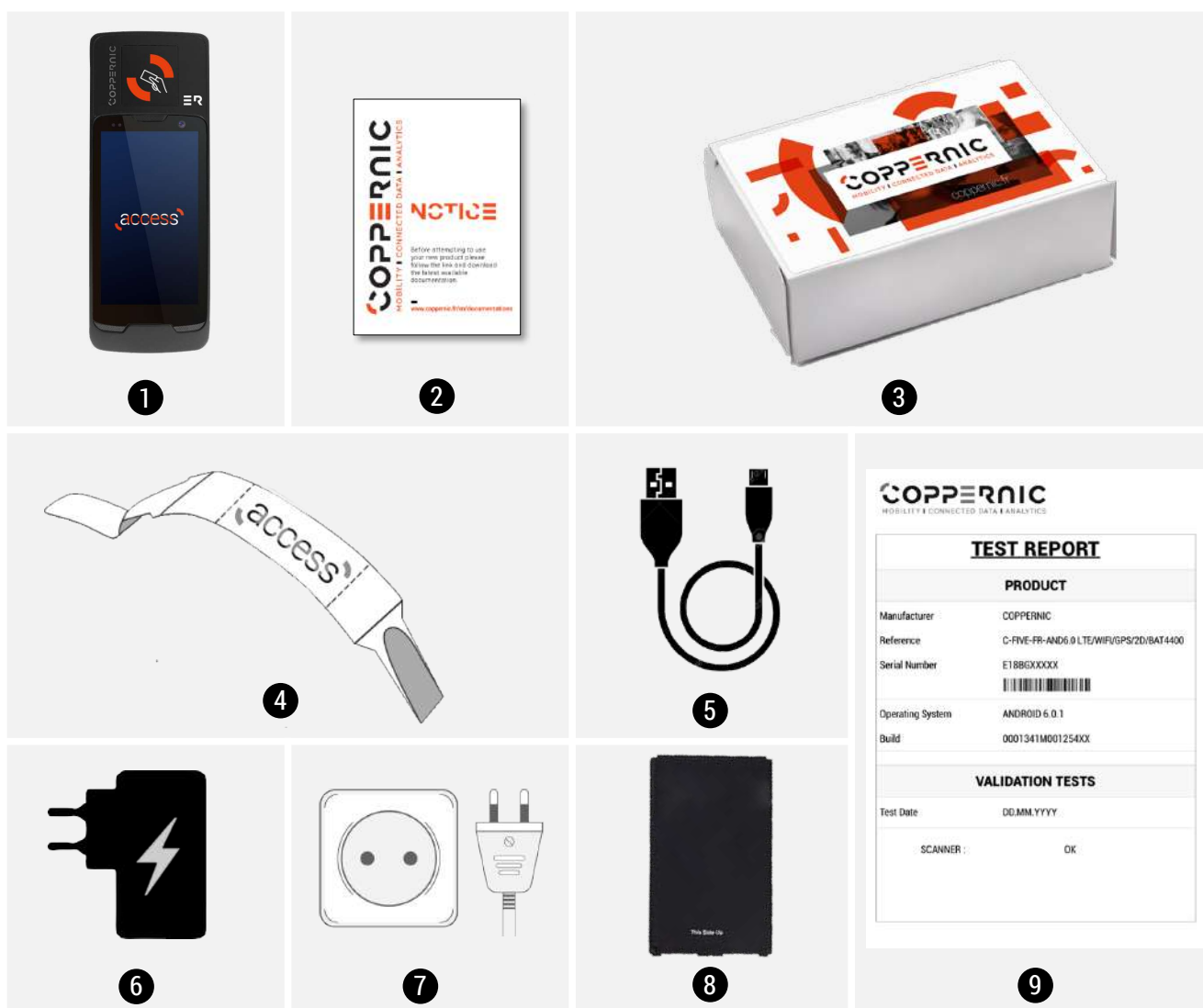
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WHAT'S IN THE BOX ?

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1 DEVICE

2 NOTICE

3 BOX

4 HANDSTRAP

5 CABLE MICRO USB C | USB A

6 POWER SUPPLY

7 EU PLUG

8 BATTERY

9 TEST REPORT

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PRODUCT OVERVIEW

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| Non-Contractual Pictures |

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Setting up your device

NANO SIM | MICRO SD cards installation

- Press the left and right latches at the same time and remove the battery.
- Insert the Micro SD card into SD slot
- Insert Nano SIM card into SIM slot



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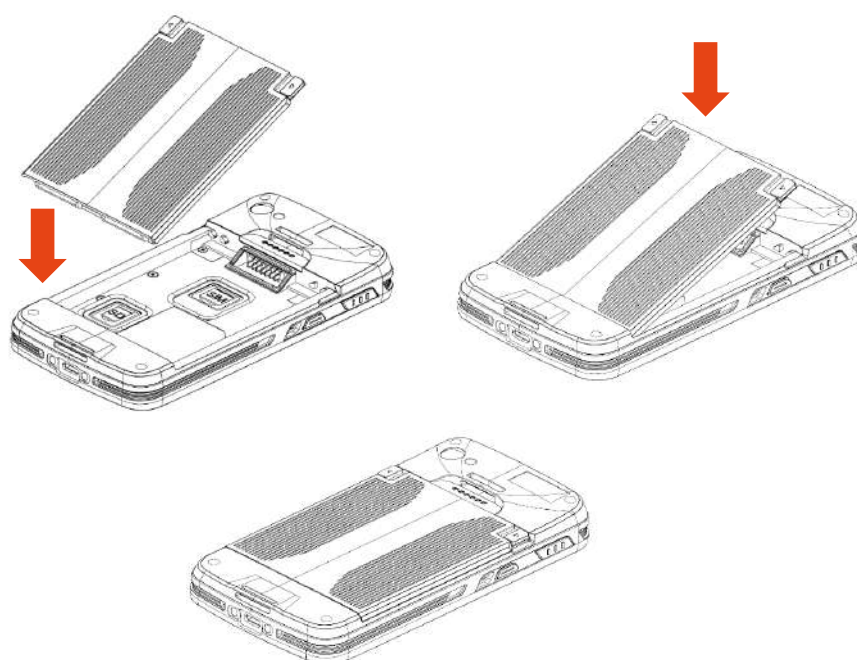
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Setting up your device

Battery installation

- Insert the battery, lower part first.
- Press the upper side of the battery until you hear a "click".



NOTE

Make sure that the latches are properly positioned to the left and right so that the battery door closes properly.



CAUTION

1. Replace the battery **only** with an identical battery or with an equivalent type of battery recommended by Coppernic.
2. Please recycle used batteries in accordance with current regulations.

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Setting up your device

CAUTION

Please make sure the device being charged fully when using access-ER at first time.

DEVICE: access-ER

Remove the BATTERY

- Press the left and right latches **at the same time**.
- Remove the battery.

Charge the BATTERY

Before using the access-ER, please charge the battery using one of the following accessories approved by COPPERNIC.

1. Insert the micro USB-C cable into the access-ER and the USB A cable into the power supply.
 - > The Micro USB C | USB A cable is included in the device's box.
 - > The power supply is included in the device box.






Charging time

Power Supply	access in docking station	access battery in docking station
4 hours	4 hours	4 hours



LED indicators



	Red LED blinks	Low battery - Battery level \leq 15%
	Red LED	Battery is charging - Battery level $>$ 15% and $<$ 95%
	Green LED	Battery is fully charged - \geq 95%

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Setting up your device

CRADLE: DS-access-1000

The LED indicator shows the connection status of the docking station as well as the battery charge status.

1. Insert the Jack Power Adapter into the docking station and the power supply into the socket.
> Power supply is included in the docking station box.



●	Red LED	Power connected and low battery power
●	Green LED	Connected to power supply and battery charged

CAUTION

Charge batteries in temperatures from 0°C to 40°C. The device or cradle always performs battery charging in a safe and intelligent manner. At higher temperatures (e.g. approximately +37°C) the device or cradle may for small periods of time alternately enable and disable battery charging to keep the battery at acceptable temperatures. The access-ER and its cradle indicates when charging is disabled due to abnormal temperatures via its LED.

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Using your device

TURNING ON | TURNING OFF your device

Power On | Press and hold for 3 seconds the ON | OFF button.

Power Off | Press and hold for 2 seconds the ON | OFF button and select "Power off" in the dialog box.

Reboot | Press and hold for 2 seconds the ON | OFF button and select "Reboot" in the dialog window to restart the device.

Suspend Mode | Press and release the ON | OFF button to place the device in suspend mode. The display will be off and go into a low power state to conserve battery power.

Reset | Press and hold the ON | OFF button during 30s.



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Using your device

DATA CAPTURE | photos & videos

Use cameras to take photos and record videos.

1. Go to the Home screen > select "Camera" > press the camera icon to take a picture/ switch to the video icon and press for video recording.
2. Press the icon  to switch between cameras (front | back).

NOTE

Ensure device memory or extend Micro SD card space is available.

Highly suggest to use camera app which is included in Android OS already. Using 3rd party application may cause any malfunction.

DATA CAPTURE | barcode scanner

CAUTION



Class 2 laser when open.

Do not stare into beam or view with optical instruments.

Complies with 21cfr1040.10 and 1040.11 except for deviations pursuant to laser notice no. 50, dated June 24, 2007 and IEC/EN 60825-1:2014.

Scan with the imager

- Use the "**B-Manager**" application provided by Copernic to set up the reader and the "**B-Scan**" application to read a barcode.

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Using your device

DATA CAPTURE | barcode scanner

Side-Key Remapping for scanning

- Go to "Settings" > Select "Remap key & Shortcut".
- Select function keys P1, P2 or P3.
- Press the "Remap Shortcut" button.
- Press the "B-Scan" button.
- Press the scan button to trigger a capture.
- The red laser lights up to assist aiming, and the scan is ready when the beep sounds.



RFID HF ASK

Please put the card on the HF ASK antenna area



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CE Regulatory information



E&E

Eurofins Electrical and Electronic Testing NA, Inc.

metlabs.com

410.354.3300

NOTIFIED BODY NUMBER: 0980

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EU TYPE EXAMINATION CERTIFICATE

Issue Date: March 16, 2023

Applicant:
Coppernic
20,rue Georges Claude Aix en Provence France 13290

Manufacturer:
Askey Computer Corp.
10F, No.119, JianKang RD.,Zhonghe Dist.,
New Taipei City,23585 Taiwan,R.O.C Taiwan

Model Number/Name: access-ER

Product Description: access-ER HF ASK / access-ER HF ASK RCTIF

Serial Number: N/A

Hardware version: PCTA200 REV:3

Software version: ANDROID 10

Frequency Band(s):

BT: 2402MHz~2480MHz; Wi-Fi 2.4G: 2412MHz~2472MHz

Wi-Fi 5.2G: 5180MHz~5240MHz ;Wi-Fi 5.3G: 5260MHz~5320MHz; Wi-Fi 5.6G: 5500MHz~5700MHz

GSM/GPRS/EGPRS 900: Uplink 880MHz~915MHz; Downlink 925MHz~960MHz

GSM/GPRS/EGPRS 1800 : Uplink 1710MHz~1785MHz; Downlink 1805MHz~1880MHz

WCDMA Band 1 : Uplink 1920MHz~1980MHz; Downlink 2110MHz~2170MHz

WCDMA Band 8 : Uplink 880MHz~915MHz; Downlink 925MHz~960MHz

FDD-LTE Band 1 : Uplink 1920MHz~1980MHz; Downlink 2110MHz~2170MHz

FDD-LTE Band 3 : Uplink 1710MHz~1785MHz; Downlink 1805MHz~1880MHz

FDD-LTE Band 7 : Uplink 2500MHz~2570MHz; Downlink 2620MHz~2690MHz

FDD-LTE Band 8 : Uplink 880MHz~915MHz; Downlink 925MHz~960MHz

FDD-LTE Band 20 : Uplink 832MHz~862MHz; Downlink 791MHz~821MHz

FDD-LTE Band 28: Uplink: 703 MHz to 736MHz;Downlink: 758 MHz to 791 MHz

TDD-LTE Band 38: Uplink & Downlink: 2570 MHz to 2620 MHz

GPS Receiver: 1.57542GHz

NFC:13.56MHz

Transmit Power Range(s):

BT(EDR): 5.49dBm; BT(BLE): -0.7dBm; Wi-Fi 2.4G: 16.74dBm; Wi-Fi 5.2G: 9.65dBm;

Wi-Fi 5.3G: 9.67dBm; Wi-Fi 5.6G: 11.02dBm;

GSM 900: 33.08dBm; GSM 1800: 29.74dBm;

WCDMA Band 1: 23.8dBm; WCDMA Band 8: 24.04dBm;

FDD-LTE Band 1: 23.06dBm; FDD-LTE Band 3: 22.56; FDD-LTE Band 7: 23.02dBm;

FDD-LTE Band 8: 23.00dBm; FDD-LTE Band 20: 23.19dBm; FDD-LTE Band 28: 23.09dBm;

TDD-LTE Band 38: 23.56dBm;

NFC: -11.31dBuA/10m

Modulation Type(s):

BT(EDR): GFSK, $\pi/4$ -DQPSK,8-DPSK; BT(BLE): GFSK; Wi-Fi: DSSS/OFDM;

GSM: GMSK/8-PSK ; WCDMA: QPSK; LTE: QPSK/16QAM;

NFC: ASK ; GPS: BPSK;

Baltimore HQ
914 W. Patapsco Ave.
Baltimore, MD 21230

Union City
33439 Western Ave.
Union City, CA 94587

Santa Clara
3162 Belick St.
Santa Clara, CA 95054

Austin
13501 McCallen Pass
Austin, TX 78753

South East
901 Sheldon Drive
Cary, NC 27513

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NOTIFIED BODY NUMBER: 0980

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Channel Spacing(s):
BT(BR+EDR): 1MHz; BT(BLE): 1MHz; Wi-Fi 2.4G: 5MHz; Wi-Fi 5G: 20MHz; GSM: 0.2MHz;
WCDMA: 0.2MHz; LTE: 0.1MHz;
Duty Cycle: N/A
Microprocessor Model Number(s): SDR660;SDM660;PM660L;PM660
Antenna Type(s) and Gain(s):
LDS Antenna: 2.4G Wi-Fi/BT: 3dBi; 5GWIFI: 3dBi; GPS: 3dBi;
GSM900: 3dBi / DCS1800: 3dBi; WCDMA 900:3dBi; WCDMA 2100: 3dBi;
LTE: 3dBi;

Essential Requirement	Applied Specifications/Standards	Documentary Evidence	Result	
Art. 3.1(a)	Safety	EN 62368-1:2014+A11:2017	Test Report	Pass
Art. 3.1 (a)	Health	EN 50566:2017 EN 62209-2:2010 EN 62479:2010 EN 50364:2018 EN 62369-1:2009	Test Report	Pass
Art. 3.1(b)	EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.1.1 (2019-03) ETSI EN 301 489-17 V3 2.4 (2020-09) ETSI EN 301 489-19 V2.1.1 (2019-04) ETSI EN 301 489-52 V1.2.1 (2021-11) EN 55032:2015+A1:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021	Test Report	Pass
Art. 3.2	Radio	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 893 V2.1.1 (2017-05) ETSI EN 300 330 V2.1.1 (2017-02) ETSI EN 301 511 V12.5.1 (2017-03) ETSI EN 301 908-1 V13.1.1 (2019-11) ETSI EN 301 908-2 V13.1.1 (2020-06) ETSI EN 301 908-13 V13.1.1 (2019-11)	Test Report	Pass
Art. 3.3(g)	Emergency Service	N/A	N/A	N/A

Examination Result: Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.

Tom Zhang
Technical Reviewer
REDCA Program, Eurofins Electrical and Electronic Testing NA, Inc.

Project Number: 2229-3-2023-126003

Baltimore HQ 914 W. Patapsco Ave. Baltimore, MD 21230	Union City 33439 Western Ave. Union City, CA 94587	Santa Clara 3162 Belick St. Santa Clara, CA 95054	Austin 13501 McCallen Pass Austin, TX 78753	South East 901 Shelton Drive Cary, NC 27513
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The highest SAR values for this device model are:

- Body: 1.314 Kg / W (separation distance of 5 mm / Exposure limits 2.0 Kg / W)
- Member: 3.816 Kg / W (separation distance of 0 mm / Exposure limits 4.0 Kg / W)

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CAUTION

Only use accessories tested and approved by COPPERNIC to ensure compliance with European standards. Operation of the device without regulatory approval is illegal.

Wireless Device Country Approval

Regulatory markings, subject to certification, are applied to the device signifying the radio(s) are approved for use in the European countries under CE coverage.

For 2.4GHz or 5GHz products : Europe includes Austria, Belgium, Bulgaria, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherland, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Country Roaming

This device incorporates the international roaming feature which will ensure the product operates on the correct channels for the particular country of use.

Warnings of Use Wireless Devices

Please observe warning notices with regard to the usage of wireless devices.

Potentially Hazardous Atmospheres – Vehicles Use

You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders) and any other area where you would normally be advised to turn off your vehicle engine.

Safety in Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff.

Safety in Hospitals

Wireless devices transmit radio frequency energy and may affect medical electrical equipment. Wireless devices should be switched off whenever you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Safety Information – Europe

This device was tested for typical body-worn operation. Use only COPPERNIC tested and approved accessories to ensure EU compliance.

Laser Devices

Class 2 laser scanners use a lower power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a class 2 laser is not known to be harmful.

CAUTION

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

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Power Adaptor

Use only an access-ER approved Power Adaptor with electrical ratings: Output 5VDC, min 2A, with a maximum ambient temperature of at least 45°C. Use of alternative power adaptor will invalidate any approvals given to this device and maybe dangerous.

Battery Information

Use only a COPPERNIC approved batteries.

When devices are stored over six (6) months without use, some irreversible deterioration in overall battery quality may occur. Store devices at half of full charge in a dry, cool place. When storing devices for one year or longer, the charge level of battery should be verified at least once a year and charged to half of full charge.

Battery Safety

1. The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non-commercial environment.
2. Follow battery usage, storage, and charging guidelines found in the user guide.
3. Improper battery use may result in a fire, explosion, or other hazard.
4. To charge the device battery, the battery and charger temperature must be between 0°C~+50°C.
5. Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or the hazard.
6. Do not disassemble or open, crush, bend or deform, puncture, or shred the device.
7. Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.
8. Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
9. Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
10. Do not leave or store the equipment in or near areas that might get very hot, such as in a parked vehicle or near a radiator or other heat source. Do not place battery into a microwave oven or dryer.
11. Battery usage by children should be supervised.
12. Please follow local regulations to promptly dispose of used re-chargeable batteries.
13. Do not dispose of batteries in fire.
14. Seek medical advice immediately if a battery has been swallowed. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.

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Operating frequency

The use of 2.4 GHz RLAN's, for use through the EEA, have the following restrictions:

1. Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 - 2.4835 GHz
2. France, outside usage is restricted to 2.4 - 2.454 GHz.
3. Italy requires a user license for outside usage. Bluetooth® Wireless Technology for use through the EEA has the following restrictions:
4. Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835 GHz
5. France, outside usage is restricted to 10mW EIRP
6. Italy requires a user license for outside usage.
7. Ad-Hoc Operation (5GHz Band)

This device complies with **Directive 2014/53/EU** issued by the Commission of the European Community.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

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United States and Canada Regulatory Body - Worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10 mm must be maintained between the user's 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.

Radio Frequency Interference Notices - FCC

FCC ID: XGK-ACERASK

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

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

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 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.

FCC caution

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

This transmitter must not be co-located (within 20cm) or operating in conjunction with any other antenna or transmitter.

RF Exposure Requirements FCC

The highest SAR value for this device model are:

- Body-Worn: 1.588 Kg / W (separation distance of 10 mm / Exposure limits 1.6 Kg / W)
- Hotspot: 1.554 Kg / W (separation distance of 10 mm / Exposure limits 1.6 Kg / W)

The FCC has granted an Equipment Authorization for this device model with all reported SAR levels evaluated in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of <https://www.fcc.gov/oet/ea/fccid> after searching on **FCC ID: XGK-ACERASK**.

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Radio Frequency Interference Requirements - Canada

IC ID: 8402A-ACERASK

Radio Transmitters

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s) Operation is subject to the following two conditions:

- This device may not cause interference, and
- This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The highest SAR value for this device model are:

- Body-Worn: 1.579 Kg / W (separation distance of 10 mm / Exposure limits 1.6 Kg / W)
- Hotspot: 1.579 Kg / W (separation distance of 10 mm / Exposure limits 1.6 Kg / W)
- Extremity: 1.957 Kg : W (separation distance of 0 mm / Exposure limits 4.0 Kg / W)

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's 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. This device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- L'appareil ne doit pas produire de brouillage, et
- L'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme avec l'exposition aux radiations ISED définies pour un environnement non contrôlé. L'utilisateur final doit respecter les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF. Cet émetteur ne doit pas être colocalisées ou opérant en conjonction avec une autre antenne ou transmetteur.

Les valeurs de DAS maximales pour cet équipement sont :

- Corps: 1.579 Kg / W (distance de séparation 10 mm/ Limites expositions 1.6 Kg / W)
- Hotspot : 1.579 Kg / W (distance de séparation 10 mm / Limites expositions 1.6 Kg / W)
- Extrémité: 1.957 Kg : W (distance de séparation 0 mm / Limites expositions 4.0 Kg / W)

Pour se conformer aux exigences d'exposition aux radiofréquences, une distance minimale de 10 mm doit être maintenue entre le corps de l'utilisateur et le combiné, y compris l'antenne. Les pinces de ceinture, les étuis et autres accessoires similaires utilisés par cet appareil ne doivent pas contenir de composants métalliques. Les accessoires portatifs qui ne répondent pas à ces exigences peuvent ne pas se conformer aux exigences d'exposition RF et doit être évitée. Utilisez uniquement l'antenne fournie ou une antenne approuvée.

Lorsqu'il fonctionne dans la plage de fréquence 5150 à 5350 MHz, cet appareil doit-être utilisé exclusivement en extérieur.

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