

## Legal, safety, and regulatory

**Where is my legal, safety, and regulatory information?** In order to provide you with better access to this important information, we've made the materials accessible from the phone's Settings menu and on the web. Review these materials prior to using your phone. To access the materials from a connected phone, swipe up from the home screen and tap **Settings > System > Legal information** (Android 9) or **Settings > About phone > Legal information** (Android 10), and select a topic. To access the materials on the web, visit [www.motorola.com/device-legal](http://www.motorola.com/device-legal).

**Regulatory information (e-label).** Your phone may use an electronic label (e-label) that provides some regulatory information about the phone. To view the regulatory information (such as FCC ID) for this phone, on the phone, swipe up from the home screen and tap **Settings > System > Regulatory information** (Android 9) or **Settings > About phone > Regulatory labels** (Android 10), or visit [www.motorola.com/device-legal](http://www.motorola.com/device-legal).

**Battery charging.** Charge your phone using a compatible Motorola charger or a high-power USB port on a PC. You can leave your phone connected to the charger even after it's fully charged. Don't worry, you can't overcharge your phone.

- Don't charge your phone in temperatures below 0°C (32°F) or above 45°C (113°F).
- Only use Motorola-approved batteries, which contain safety circuitry and are designed to give the best performance in your phone.
- Don't use a damaged charger or charger cable to charge your phone.
- Don't use tools, sharp objects, or excessive force to clean the USB port, as this may damage your phone.
- Always plug your charger into an electrical outlet that is easily accessible, and unplug your charger from the electrical outlet when not in use.
- Don't try to charge your phone when it's wet.

**Note:** Other brand class 2 Limited Power Source USB chargers that comply with USB 1.1, 2.0, 3.0, or greater, and comply with EN301489-34, IEC/EN60950-1 or equivalent can be used. Chargers that do not comply with these standards may be unsafe, and may cause slow charging, product damage, or reduced phone performance.

**Distractions.** Using your phone in some circumstances could distract you and may cause a dangerous situation. Be aware of your surroundings and environmental hazards when using your phone.

**Driving precautions.** Responsible and safe driving is your primary responsibility when driving a vehicle. Always obey local laws and regulations.

**Seizures, blackouts, eyestrain & discomfort.** Prolonged use of any phone may cause discomfort in hands, fingers, arms, neck, and other parts of your body, and may cause eyestrain and headaches. It is good

practice to use your phone in a safe area with comfortable ambient lighting, and take frequent breaks if you feel discomfort. Seek medical advice if symptoms persist.

In rare cases, flashing patterns or lights, for example in video games or movies, may cause seizures or blackouts. If you suffer any seizures or blackouts, or have a history of seizures, stop using your phone and seek medical advice.

**Medical devices.** If you use an implantable pacemaker or defibrillator, or other medical device, consult your healthcare provider and the device manufacturer's directions before using this phone.

If you use a pacemaker or defibrillator, the FCC recommends that you observe the following precautions:

- ALWAYS keep the phone more than 20 centimeters (8 inches) from the pacemaker or defibrillator.
- Use the ear furthest from the pacemaker or defibrillator to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

**Important:** Some products contain magnets. Always keep products with magnets more than 20 cm. (8 in.) from medical devices, such as pacemakers, internal cardio defibrillators or other devices that can be affected by a magnetic field. Also, keep away from credit cards, ID cards and other media that use magnetically encoded information.

**Children and animals. Keep your phone and its accessories away from small children and animals.** These products are not toys and may be hazardous to small children and animals. For example, a choking hazard may exist for small, detachable parts. Keep plastic bags away from babies and children to avoid danger of suffocation and choking. **Supervise access.** If children use your phone and accessories, monitor their access for their safety, and to help prevent loss of data or unexpected charges for data or app purchases.

**Glass parts.** Some parts of your phone, like your screen, could be made of glass. If the glass breaks, chips, or cracks, do not touch or attempt to remove it. Stop using your phone until it can be repaired by a qualified service center.

**Use & care.** To care for your Motorola phone, please observe the following:

- **Liquids.** Don't expose your phone to water, rain, extreme humidity, sweat, or other liquids.
- **Drying.** In the event your phone is exposed to water, dry your phone and ports thoroughly with a soft, clean cloth. Don't put your phone in a microwave oven, conventional oven, or dryer.
- **Extreme heat or cold.** Don't store or use your phone in temperatures below -20°C (-4°F) or above 35°C (use) 60°C (140°F) (storage). For charging temperatures see "Battery charging" page 1.
- **Dust and dirt.** Don't expose your phone to dust, dirt, sand, food, or similar materials.

- **Cleaning.** To clean your phone, use only a dry soft cloth. Don't use chemicals or compressed air.
- **Shock and vibration.** Don't drop your phone or expose it to strong vibration.
- **Protection.** To help protect your phone, always make sure that any available connectors, compartments and removable covers are closed and secure, and avoid carrying it with hard objects such as keys or coins.

**LED light safety.** Some products use an LED light source (such as a camera flash, flashlight, or projector), which is safe when used as intended. Avoid staring directly at the LED light source, which may cause discomfort or temporarily impair vision.

**Operational warnings.** Obey all posted signs when using phones in public areas.

- **Potentially explosive areas:** Potentially explosive areas are often, but not always, posted and can include blasting areas, fueling stations, fueling areas (such as below decks on boats), fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders. Turn off your phone before entering such an area, and do not charge batteries. In such areas, sparks can occur and cause an explosion or fire.
- **Symbol key:** Your charger, phone, battery (if user-removable), phone display, user's guide, or packaging may contain symbols, defined as follows:

	Important safety information follows.
	The package and paper products that came with your phone can be recycled.
	Don't dispose of your battery or phone with your household waste. See "Disposal & recycling" for more information.
	Don't dispose of your battery or phone in a fire.
	For indoor use only.



Listening at high volume to music or voice through a headset or headphone may damage your hearing.

**Usage.** This phone supports apps and services that could use a lot of data, so make sure your data plan meets your needs. Contact your service provider for details. Certain apps and features may not be available in all countries.

**Warranty.** This product is covered by Motorola's limited warranty. To review the warranty on your phone, swipe up > **Settings > System > Legal information > Warranty** (Android 9) or **Settings > About phone > Legal information > Warranty** (Android 10), or visit [www.motorola.com/device-legal](http://www.motorola.com/device-legal). You may also obtain a copy of the warranty by contacting Motorola at: Motorola Mobility LLC, Attention Customer Service—Warranty Request, 222 West Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654.

**Arbitration & opt-out.** Except where prohibited by law, any controversy or claim arising out of or relating to any Motorola product will be resolved by binding arbitration, instead of in court, unless you opt-out. To opt-out, send a written rejection notice within 30 days of purchase that includes your name, address, phone number, phone, and phone serial number, and tells Motorola that you are rejecting this Arbitration provision to: Motorola Mobility LLC, 222 West Merchandise Mart Plaza, Suite 1800, Attn: Arbitration Provision Opt-Out, Chicago, IL 60654 or [arbitrat@motorola.com](mailto:arbitrat@motorola.com). To locate your phone's serial (IMEI) number, swipe up from the home screen and tap **Settings > System > About phone** (Android 9) or **Settings > About phone** (Android 10). For more information on this arbitration provision, on your phone, swipe up > **Settings > System > Legal information > Arbitration and opt-out** (Android 9) or **Settings > About phone > Legal information > Arbitration and opt-out** (Android 10), or visit [www.motorola.com/device-legal](http://www.motorola.com/device-legal).

**European conformance (CE).** The following information is applicable to phones that carry a CE mark. Contact point: Regulatory Compliance, Motorola Mobility UK Ltd., Redwood, Brockford Lane, Chineham Business Park, Basingstoke, RG24 8WQ, UK.



Hereby, Motorola Mobility LLC declares that the radio equipment with this declaration and bearing the CE mark is in compliance with Directive 2014/53/EU.

The full DoC can be found at [www.motorola.com/red](http://www.motorola.com/red). Use the search feature to find your phone's model or type. Your phone's model and type may be under the battery, under the rear cover, or on the exterior of the phone.

**Restrictions of use.** This product may be used in the following European member states subject to the following restrictions. For products that support Wi-Fi



802.11a/ac (as defined in your product information): Outside the United States, this phone is restricted to indoor use when operating in the 5.15 to 5.35 GHz (802.11a) Wi-Fi frequency band.

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	PL	PT	RO	SE	SI	SK	TR	UK

**FCC and IC compliance.** This phone complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this phone may not cause harmful interference, and (2) this phone must accept any interference received, including interference that might cause undesired operation. This phone complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this phone may not cause interference, and (2) this phone must accept any interference received, including interference that might cause undesired operation.

**Hearing Aid Compatibility (HAC).** The US performance rating system for HAC compliant wireless phones is as follows: the "M" (microphone) indicates that the product has been tested and rated for acoustic coupling. The "T" (telecoil) represents that the product has been tested and rated for inductive coupling. The higher the "M" or "T" rating (such as "M3/T4"), the less likely the hearing aid user will experience interference when the hearing aid is set to the respective microphone or telecoil mode.



For more information and a list of HAC ratings by model, visit [www.motorola.com/hacphones](http://www.motorola.com/hacphones). To enable the 'Hearing Aid' feature on your phone: **Phone > Menu > Settings > Accessibility > Hearing aids** (see the User Guide for more).

**Service & Repairs.** If you have questions or need assistance, we're here to help. Go to [www.motorola.com/support](http://www.motorola.com/support), where you can select from a number of customer care options.

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**Supported frequencies and power.** This device is capable of operation on the following frequencies, subject to location and network availability. Model XT2045-3

Operating mode	Frequency range MHz/Band	Maximum EIRP power Unit (dBm)
Bluetooth	2400–2483.5	8.72
WLAN 2.4G	2400–2483.5	19.16
WLAN 5G band 1	5150-5250	18.94
WLAN 5G band 2	5250-5350	18.78
WLAN 5G band 3	5470-5725	19.04
WLAN 5G band 4	5725-5850	12.30
GPS/GLONASS/Galileo	1559-1610	N/A
FM Receive	87.5–108	N/A

Operating mode	Frequency range MHz/Band	Maximum Conducted power Unit ( dBm)
GSM900	880-915	33.50
GSM1800	1710-1785	30.50
WCDMA Band I	1920–1980	24.00
WCDMA Band VIII	880 - 915	24.00
LTE Band 1	1920 - 1980	24.00
LTE Band 3	1710 - 1785	24.00
LTE Band 7	2500 - 2570	24.00
LTE Band 8	880 - 915	24.00
LTE Band 38	2570 - 2620	24.00

### FCC notice

The following statement applies to all products that bear the FCC logo and/or FCC ID on the product label.

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. See 47 CFR Sec. 15.105(b). 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 the receiver.
- Connect the equipment to 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.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(a)(3).

Any changes or modifications to this device by the user could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

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### Hearing aid compatibility (US, Canada)



In the US, specific hearing aid compatibility (HAC) performance ratings can help clarify how certain wireless phones and hearing aids may perform together. HAC compliant wireless phones are capable of working with hearing aids that have a minimal immunity rating of at least 2. The immunity rating indicates how susceptible a hearing aid is to picking up interference from a digital wireless phone. It can rate the performance of the hearing aid for either microphone and/or telecoil coupling. Some hearing aids are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The US performance rating system for

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HAC compliant wireless phones is as follows:

The "M" (microphone) indicates that the product has been tested and rated for acoustic coupling. The "T" (telecoil) represents that the product has been tested and rated for inductive coupling. The higher the "M" or "T" rating, the less likely the hearing aid user will experience interference when the hearing aid is set to the respective microphone or telecoil mode. The highest values to date are 3 and 4 (e.g., "M4" or "M3/T3"). To determine if a product is rated for HAC, please look for the HAC rating or logo on the phone's packaging. For a list of current HAC models, visit [www.motorola.com/hacphones](http://www.motorola.com/hacphones).

Results will vary depending on the user's hearing aid and hearing loss. If your hearing aid happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs. To couple the device to

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your personal needs. To couple the device to your telecoil equipped hearing aid, switch your hearing aid to the "T" or telecoil setting. Then, enable the Hearing Aid mode feature on your Motorola phone at APPS > Phone > Settings > Calls > Accessibility.

Motorola Mobility hearing aid compatible phones have been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Contact your service provider or Motorola for information on hearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer.

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### operation

Your mobile device contains a transmitter and receiver of RF energy. It is designed to comply with regulatory requirements concerning human RF exposure.

For optimal device performance, and to stay within the RF exposure guidelines:

- Hold your mobile device normally at your ear when talking on it.
- When using the mobile device next to your body (other than in your hand or against your head), maintain a distance of 5 mm from your body to be consistent with how the mobile device is tested for compliance with RF exposure requirements.
- If you use your mobile device with a case or holder, make sure it maintains the required separation distance and has no metallic parts.

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### Avis d'Industrie Canada aux utilisateurs (Canada)

Cet appareil est conforme aux normes RSS sans licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas provoquer d'interférences et (2) Cet appareil doit accepter toutes les interférences, y compris celles pouvant provoquer un fonctionnement inopportun de l'appareil. Voir CNR-Gen, section 8.4. Cet appareil est conforme aux exigences de la réglementation ICES-003 pour les appareils de classe B ITE (équipements de technologie de l'information). CAN ICES-3 (B)/NMB-3(B)

Pour les produits prenant en charge le Wi-Fi

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