

Legal, safety, and regulatory

Legal information. This guide provides important legal, safety, and regulatory information that you should read before using your product. For the complete legal information, from the home screen swipe up and tap **Settings** > , then type **Legal information**, or visit www.motorola.com/device-legal.

Water repellent. Your phone is not waterproof. For more about your phone's water-repellent design and care, see the user guide.

Regulatory information (e-label). To view regulatory information for this phone, from the home screen swipe up and tap **Settings** > , then type **Regulatory**, or visit www.motorola.com/device-legal.

Battery safety. Your phone uses a removable battery. Don't use tools, sharp objects, or excessive force to insert or remove the battery. This may damage the battery and could cause burning and injury.

Battery safety. To prevent possible burning and injury, the battery in your phone should only be removed by a Motorola-approved service center or similar skilled personnel.

If your phone becomes unresponsive, press and hold the Power button until the screen goes dark and your phone restarts.

Charge your phone using a compatible Motorola charger. Use of other chargers is not recommended. Don't charge your phone in temperatures below -20°C (-4°F) or above 45°C (113°F). For more, see the "Legal information" section of this guide, or visit www.motorola.com/device-legal.

Driving precautions. Responsible and safe driving is your primary responsibility when driving a vehicle. Always obey local laws and regulations. For more, see the "Legal information" section of this guide to find the complete legal information, or visit www.motorola.com/device-legal.

Seizures, blackouts, eyestrain & discomfort. This device may display flashing images or loud sounds. For more, see the "Legal information" section of this guide to find the complete legal information, or visit www.motorola.com/device-legal.

Medical devices. This device may interfere with pacemakers and other medical devices. For more, see the "Legal information" section of this guide to find the complete legal information, or visit www.motorola.com/device-legal.

Class 1 Laser. This device is classified as a Class 1 Laser product, which is safe in normal use per IEC60825-1:2007 and IEC60825-1:2014. This device complies with 21 CFR 1040.10 and 1040.11, except for deviations pursuant to Laser Notice 50, dated June 24, 2007. Do not attempt to modify or disassemble.

CLASS 1 LASER PRODUCT

Extreme heat or cold. Don't use your phone in temperatures below

-20°C (-4°F) or above 45°C (113°F). Don't store/transport your phone in temperatures below -20°C (-4°F) or above 60°C (140°F).

SAR information (on e-label). To view specific absorption rate (SAR) values for this phone, from the home screen swipe up and tap **Settings** > 🔍 the type **Regulatory**, or visit www.motorola.com/sar.

Operational warnings. Obey all local restrictions when using mobile devices in public areas, such as hospitals, airplanes, or schools.

- **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.

Warning about high volume usage. To prevent possible hearing damage, do not listen at high volume levels for long



periods.

Disposal & recycling. For help recycling products and packaging responsibly, go to www.motorola.com/recycling.



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 and tap **Settings** >  then type **Legal information**, or visit

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. To locate your phone's serial (IMEI) number, from the home screen swipe up and tap **Settings** > , then type **IMEI**. For more information on this arbitration provision, on your phone, swipe up and tap **Settings** > , then type **Legal information**, or visit www.motorola.com/device-legal.

Legal disclaimers. Features, services and applications are network dependent and may not be available in all areas; additional terms/charges may apply. Features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to correct or change any information without notice.

ANATEL: model



This product is approved by ANATEL in accordance with the regulated procedures for assessing the conformity of telecommunications products, and meets the applied technical requirements, including the exposure limits of the Specific Absorption Rate for radio frequency, electric, magnetic and electromagnetic fields.

"This equipment is not entitled to the protection from harmful interference and may not cause interference with duly authorized

systems." www.anatel.gov.br

For more information about your phone's SAR (Specific Absorption Rate), visit www.motorola.com/sar. Click on the Brazilian flag, then choose your phone from the list.

This product contains lithium ion batteries approved by ANATEL. In accordance with ANATEL rules, the respective approval seal will be applied in the manual for products where the battery is not accessible by the final user.

Specific Absorption Rate (SAR) and Power Density (PD)(ICNIRP).
YOUR PHONE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES. The highest SAR values under the ICNIRP guidelines for your phone model are:

Head SAR _____ W/kg

Body-worn SAR _____ W/kg

Electrical Requirements.

Battery: Adapter: Entrance: Exit:	Car Charger: Entrance: Exit:
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NCC statements.

- **SAR.** SAR limit 2.0W/Kg; after testing value: W/Kg.
- **LTE bands.** This product supports LTE frequency bands: _____
- **Radio frequency.** Wireless information transmission equipment must avoid affecting the operation of nearby radar systems. For reducing RF influence, use properly. For instructions on proper use, refer to your quick start guide.
- **Battery.** If the battery is incorrectly replaced, there is danger of an explosion. For proper battery care, refer to your start guide.
- **Vision.** Excessive use of your phone may harm your vision. Take a 10-minute break after 30 minutes of continuous use.
- **Children.** Children under two years old should not look at the screen. Over two years old, do not look at the screen more than one hour a day.
- **Radio frequency motors.** Article XII Type: Certified low power radio frequency motor, unlicensed, company, firm or user shall not alter the frequency, increase the power or change the characteristics of the original design and function. Article

XIV: Using low-power radio-frequency motors shall not affect flight safety and interfere with legal communications; when there is interference by the discovery should be immediately suspended, and to improve without interfering may continue to be used. Legal communications in the preceding paragraph, refers to radio communication in accordance with the provisions of the Telecommunications Act of operation. Low-power radio communication interference motor must endure radiation and Electronic Equipment legal or industrial, scientific and medical radio.

- **Battery recycle.**



- **Importer.** Netherlands Business Associates Ltd. Taiwan Branch 5th Floor, No 89, Sec. 2, Dibing Avenue, Neihu District, Taipei. Importer, Manufacturers, Wholesalers, Retailers 0800-000-702
- **Storage(w/SDcard).** Built-in main memory capacity: GB; minimum main memory available to users: GB; expandable memory card support: GB or less.
- **Storage (no SDcard).** Built-in main memory capacity: GB; minimum main memory available to users: GB; your phone does not support an expandable memory card
- **Turbo charging.** The product supports fast charging: Adapter Brand name, Adapter Model name, the fast charging mode is XVdc/X.XA; and the normal charging mode is XVdc/X.XA.
- **PWSreception.** When SIM1 and SIM2 cards are in use, only 4G function will display the PWS reception function normally.

Thailand licensed devices.



กสทช.

ผู้ใดมีไว้ในครอบครอง หรือ ใช้ซึ่งเครื่องวิทยุคมนาคมหรือตั้งสถานีวิทยุคมนาคมนี้ ต้องได้รับใบอนุญาตจากเจ้าพนักงานผู้ออกใบอนุญาต หากฝ่าฝืน มาตรา 6 หรือมาตรา 11 มีความผิดตามมาตรา 23 แห่งพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 ต้องระวางโทษปรับไม่เกินหนึ่งแสนบาท หรือจำคุกไม่เกินห้าปี หรือทั้งปรับทั้งจำ



nab. | โทรคมนาคม

กำกับดูแลเพื่อประชาชน

Call Center 1200 (Inswifi)

RoHS statement. RoHS compliant as per India E-waste

(Management) Rules.

World Health Organization advice. Organizations such as the World Health Organization (WHO) and the US Food and Drug Administration have stated that if people are concerned and want to reduce their exposure they could use a handsfree accessory to keep the phone away from the head and body during phone calls, or reduce the amount of time spent on the phone.

Note: This guidance is included as a precaution, per the requirements of the Government of India. The scientific consensus is that there are no known RF health effects from the use of phones.

Vietnam RoHS. Products sold in Vietnam, on or after September 23, 2011, meet the requirements of the Vietnam Circular 30/2011/TT-BCT ("Vietnam RoHS").

Battery. Your battery is marked with a recycle symbol like this one. For more information, visit <http://www.baj.or.jp/>.



Li-ion00

Near-field Communication (NFC). Your phone might

support NFC. To find out and turn NFC on/off, swipe up and tap **Settings** > **Q** then type **NFC**. For more information, refer to **Settings** > **Help**.

Allergens. Trace amounts of an allergen may be added during manufacture of a phone or device component that may cause discomfort for some individuals. This approach is common for many types of products. We recommend that you monitor any products that may be in prolonged contact with your skin, and avoid contact if you experience skin irritation.

Location services. Your mobile device can provide location information to applications, using sources including GPS (GPS, AGPS, Galileo, GLONASS and Beidou - depending on the device specification) and Wi-Fi. GPS systems use government-operated satellites that are subject to changes in national policy by the governments operating them that may affect the performance of location services technology on your mobile device. AGPS (Assisted Global Positioning System) uses your wireless service provider's network to improve performance. Airtime, data fees, and/or additional charges may apply in accordance with your service plan.

Phones transmit location-based information when connected to a wireless network or when using other location technologies like GPS. If you use applications that require location-based information such as driving directions, your phone will provide location information to them. These applications may share location information with third parties, including your wireless service provider, applications providers, Motorola, Lenovo, and other third parties providing services.

Emergency calls: When you make an emergency call, the cellular network may activate the AGPS technology in your phone to tell

the emergency responders your approximate location. AGPS has limitations and may not work in your area. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the call for as long as the emergency responder instructs you.

Phone security. Motorola understands that a safe and secure mobile experience is important to everyone. Because some features of your phone might affect your security, please follow these recommendations to enhance protection of your phone:

- Monitor access. Keep your phone with you and don't leave it where others might have unmonitored access. Use your phone's security and lock features, where available.
- Keep software up to date. If Motorola or a software application/ vendor releases a patch or software fix for your phone that updates the phone's security is released, install it as soon as possible.
- Secure personal information. Your phone can store personal information in various locations, including a SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your phone. You can also backup your personal data to transfer to a new phone.

User privacy. Motorola and Lenovo are committed to protecting and appropriately using personal data and user information under our care. To better understand what data Motorola and Lenovo may collect and use, be sure to review the Motorola/Lenovo privacy policies linked within your phone (found at phone set-up and in **Settings**). Please also be sure to take advantage of the privacy and security controls and features within your phone.

In addition, please note that when your Motorola product is turned on for the first time (and is connected to the internet), the international mobile station equipment identity (IMEI) number or serial number (SN) of this product together with the information about the country and city where this product is first activated will be registered with Motorola and/or Lenovo; this will be a one-time registration. Confirming the mobile phone/tablet's activation will facilitate after-sales service to you by verifying the product's authenticity. For the registration, the data transmitted is less than 1KB.

Contact center. Japan: 0120-227-217.

NTC requirements. This telecommunication equipment is in compliance with NTC requirements.

Contact centers.

Thailand	0018008526352 /+66 20269362
South Korea	0079885218264
Indonesia	0018038522246

Singapore 8008526007
 Philippines 1800 1855 0288
 Vietnam 120852302
 Malaysia 1800817032
 Hong Kong 2506-3888
 Taiwan 00886 2 8758-6163
 Australia 1300 138823
 New Zealand 0508 668676

Motorola authorized service centers:

M-CARE Jakarta ITC Roxy Mas Lt. 4 No. 18 Jl. Kyai Hasyim Ashari, Jakarta Pusat Tel: 021-6319647 Monday - Saturday : 11.00-19.00 Sunday : 11-15.00	Semarang Jl. Jendral Sudirman 256, Semarang Tel: 024-70148778 Monday-Saturday: 10.00-17.00	Bandung Balubur Town Square (Baltos) Lt. 1 K05 - K06, Jl. Tamansari, Bandung Tel: 089614618594 Monday - Friday : 10.00-18.00 Saturday : 10.00-15.00
Ruko Mall Roxy Square No.A1, Jl.Kyai Tapa No.1, Jakarta Barat Tel: 021-56954393 Monday - Friday : 09.00-17.00 Saturday : 09.00-15.00	Surabaya Mastech Blok F11 (Maspion Square) Jl. A. Yani 78, Surabaya Tel: 031-8477889 ext.1611 Monday-Saturday: 11.00-21.00	Cirebon Jl. Pasuketan No. 63, Cirebon, Jawa Barat Tel: 0231-209322 Monday - Friday : 09.00-17.00 Saturday : 09.00-15.00
Ambassador Mall Lt. 2 Blok A No. 37, Jakarta Selatan Tel: 021-5762539 Monday - Sunday : 11.00-20.00	Yogyakarta Ramai Shopping Mall Lt.2 No.A26, Jl. Ahmad Yani No. 73, Yogyakarta Tel: 0274-557015 Monday - Friday : 10.00-19.00 Saturday : 10.00-17.00 Sunday : 10.00-15.00	Serang Jl. SA Tirtayasa no.8a Simpang Poci, Serang, Banten Tel: 0254-204882 Monday - Sunday : 10.00-20.00
ITC Cempaka Mas Lt.6 No.H7-H8, Jl. Letjen Suprpto, Jakarta Pusat Tel: 021-21480901 Monday - Friday : 10.00-19.00 Saturday : 10.00-17.00 Sunday : 10.00-15.00	Tegal Ruko Citraland Blok B No.11, Jl. Sipelem Raya, Tegal Tel: 0283-340909 Monday - Friday : 08.30-17.30 Saturday : 08.30-17.30	Bali Jl. Ratna no. 65 D, Denpasar, Bali Tel: 021-54375250 Monday - Friday : 08.30-16.30 Saturday : 08.30-16.30

Batam Komplek Wira Mustika C-08, Nagoya, Batam Tel: 077-8431101 Monday - Friday : 09.00-18.00 Saturday : 09.00-18.00	Jambi Jl. Gajah Mada No.11 -12, Jambi (Samping Karaoke Charly) Tel: 0741-43789 Ext.102 Monday - Friday : 09.00-17.00 Saturday : 09.00-15.00	Makassar MTC Karebosi Lt.3 Blok I No.3-5, Jl. Jend.Ahmad Yani, Makassar Tel: 0411-3635038 Monday - Friday : 10.00-19.00 Saturday: 10.00-17.00. Sunday: 10.00-15.00
Medan Jl. Sutomo No.490, Medan Tel: 061-4568988 Monday - Friday : 09.00-17.00 Saturday : 09.00-15.00	MITRACARE Jakarta Komplek Duta Merlin Blok C No.6-7, Jl. Gajah Mada 3-5, Jakarta Pusat 10130 Tel: 021-6347726 Monday-Saturday: 09.00-17.00	Bekasi Bekasi Cyber Park Lt.1 Blok A10 No.10B, Jalan KH.Noer Ali No.177, Bekasi Tel: 021-88955327 Monday - Saturday : 10.00-19.00
Bandung Istana Bandung Electronic Center Lt.3 Blok A No.06 Jl.Purnawarman No.13-15, Bandung, Jawa Barat 40117 Tel: 022-4201887 Monday - Sunday : 10.00-19.00	Pusat Grosir Cililitan Lantai 3, No.661, Jl. Mayjen Sutoyo No. 76 Cililitan, Jakarta Timur 13640 Tel: 021-80888540 Monday - Saturday: 10.00-19.00	Depok ITC Depok Lt.3 Cafe No.126, Jl.Margonda Raya Kav.56, Pancoran Mas, Depok, Jawa Barat 16431 Tel: 08787860022 / 02129502049 Monday - Saturday : 10.00-19.00
Medan Ruko Plaza Millenium Medan, Jl.Kapten Muslim No.111 Helvetia, Medan Tel: 061-8447598 Monday - Saturday : 10.00-19.00	Surabaya Jl.Kusuma Bangsa 92D, Tambaksari, Surabaya, Jawa Timur 60136 Tel: 031-5347270 Monday-Saturday: 08.30-17.30	Makassar Jl.AP Pettarani Ruko Massalle No.94, Makassar, Sulawesi Selatan 90233 Tel: 0411-457098 Monday - Saturday : 08.30-17.30
Pekanbaru Jl.Tuanku Tambusai No.124, Kota Pekanbaru, Riau Tel: 0761-38390 Monday - Saturday : 08.30-17.30	Palembang Jl.Letkol Iskandar, Kel.17 Ilir, Kec.Iilir Timur I, Palembang, Sumatera Selatan 30125 Tel: 0711-355886 Monday-Saturday: 08.30-17.30	Malang Jl.Soekarno Hatta PTP II No.1 Kav.2, Malang, Jawa Timur Tel: 0341-402096 Monday - Sunday : 10.00-19.00

Lampung Jl.Diponegoro No.177, Kel.Gotong Royong, Bandar Lampung Tel: 0721-262666 Monday - Saturday : 08.30-17.30	Rantau Prapat Jl.Gatot Subroto No.5, Rantau Prapat, Sumatera Utara Tel: 0624-22588 Monday - Friday : 08.30-17.00, Saturday : 08.30- 15.30	Padang Sidempuan Jl.Sudirman X Merdeka No.41, Week II, Padangsidimpuan, Sumatera Barat Tel: 0634-24195 Monday - Friday : 08.30-17.00, Saturday : 08.30-15.30
UNICOM Tangerang Supermall Karawaci, Jl.Boulevard Diponegoro No.105, Lt.LG #E2/ 2-5 (Area E Center), Lippo Karawaci, Tangerang 15811 Tel: 021-5470398 / 082311061658 Monday - Sunday : 10.00-19.00, Public Holiday : 10.00-18.00	Bogor Bogor Trade Mall Lt.2 Blok A16 No.1B Jl.H.Juanda No.68, Bogor 16127 Tel: 0251-8401301 / 8401302 Monday - Sunday : 10.00-18.00	Padang Jl.Dr.Sutomo No.48, Simpang Haru Kec. Padang Timur, Padang Tel: 0751-8951821 / 0823 87899712 Monday - Saturday : 10.00-18.00
Yogyakarta Plaza Ambarukmo Lt.LG BlokA12-14 Jl.Laksda Adi Sucipto, Yogyakarta 55281 Tel:0274-4331334 Monday - Sunday : 10.00-20.00	Semarang Jl.Sriwijaya No.173 A Kel.Candi Kec. Candisari, Semarang Tel: 024-8455087 Monday-Saturday: 09.00-17.00	Solo Jl.DR.Rajiman No.241 Jayengan, Serengan, Surakarta, Solo, Jawa tengah Tel: 0271-668677 / 0878-36055598 Monday - Saturday : 09.00-17.00
Tasikmalaya Jl.Tentara Pelajar No.93 Empangsari Tawang, Tasikmalaya, Jawa Barat 46113 Tel: 026-5322750 Monday - Saturday : 09.00-17.00	Pekalongan Jl.KH.M.Mansyur No.70, Pekalongan, Jawa Tengah Tel: 0285-426328 Monday-Saturday: 09.00-17.00	Kediri Ruko Garden Ville A12 Jl.Kilisuci, Kediri, Jawa Timur 64122 Tel: 0354-680681 Monday - Saturday : 09.00-17.00
Jember Jl.Sumatera No.88, Sumbersari, Jember, Jawa Timur Tel: 0331-4436252 / 081938363177 Monday - Saturday : 09.00-17.00	Pati Jl.Setiabudi No.2A, Pati, Jawa Tengah 59115 Tel: 082234179826 Monday-Saturday: 09.00-17.00	Pontianak Jl.Nusa Indah Baru No.F5 - Pontianak Tel:0561-768470 Monday - Saturday : 09.00-17.00

Balikpapan Ruko Bandar Blok D-09, Jl.Jend. Sudirman, Klandasan, Balikpapan, Kalimantan Timur 76112 Tel: 0542-739009 Monday-Saturday : 09.00-17.00	Samarinda Ruko Simpang DR.Sutomo No.03 Jl.S.Parkan, Samarinda 75117 Tel: 0541-4120744 Monday-Saturday: 09.00-17.00	Banjarmasin Jl.Jendral A.Yani Km.1 No.39 B Banjarmasin, kalimantan Selatan 70233 Tel: 0511-3267889 Monday - Saturday : 10.00-18.00
Manado Jl.Pierre Tendean No.18 Boulevard, Manado 95111 Tel: 0431-844561 Monday - Saturday : 10.00-18.00	Kendari Ruko Senapati Land Blok A No.36 Jl.Brigjen M.Yunus (Bypass) Kel.Bende Kec.Kadia, Kendari, Sulawesi Tenggara Tel: 081215921122 Monday-Saturday: 09.00-17.00	Palu Jl.Basuki Rahmat No.24C Kel.Tatura selatan Kec.Palu selatan Palu, Sulawesi Tengah Tel: 082176774679 Monday - Saturday : 09.00-17.00
Bali Jl.Teuku Umar 170A, Dauh puri kuah, Denpasar, Bali Tel: 0361-8422375 / 0361-78870184/ 0361-232163 Monday-Saturday: 09.00-17.00	Lombok Jl.Catur Warga No.10A Cakranegara, Mataram, Nusa Tenggara Barat 83126 Tel: 08175769223 Monday-Saturday: 09.00-17.00	TAM Jakarta Mall Of Indonesia, Erafone Mega Store GF 1A, Jl.Raya Boulevard Barat 14240 6-1 A9, Kelapa Gading, Jakarta Utara Tel: 021-29364707 Monday - Sunday : 10.30-18.30
Bogor Jambu Dua Bogor, BEC Ruko Warung Jambu Blok R1 No. 1 Tel: 0251-8340653 Monday - Sunday : 10.00-18.00	Surabaya Plaza Marina, Lt.3 Blok C2-C3 Surabaya Tel: 031-8470323 Monday - Sunday : 10.00-20.00	Semarang Jl. Badak Raya No.47 D, Kel. Pandeanlamper, Kec. Gayamsari, Semarang Tel: 024-76410154 Monday - Friday : 10.00-18.00, Saturday : 10.00-16.00

European conformance (CE). The following information is applicable to phones that carry a CE mark. Contact point: Regulatory Compliance, Motorola Mobility UK Ltd., Redwood, Crockford 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.

This phone, containing all Turkish characters, complies with the ETSI TS 123.038 V8.0.0 and ETSI TS 123.040 V8.1.0 technical specifications. It also complies with EEE regulations.

Restrictions of use.

The 5150 to 5350 MHz frequency range is restricted to indoor use only in: 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(NI).

Supported frequencies and power. This phone is capable of operation on the following frequencies, subject to location and network availability.

Model: XT2235-1

Operating mode	Frequency range MHz / Band	Maximum nominal transmit power dBm
Bluetooth	2400–2483.5	20
WLAN 2.4G	2400–2483.5	20
WLAN 5G band 1	5150-5250	23
WLAN 5G band 2	5250-5350	23
WLAN 5G band 3	5470-5725	23
WLAN 5G band 4	5725-5850	14
GPS/GLONASS/ Galileo	1559-1610	NA
GSM900	880-915	33
GSM1800	1710-1785	30
WCDMA Band I	1920–1980	24
WCDMA Band VIII	880 - 915	24
LTE Band 1	1920 - 1980	23
LTE Band 3	1710 - 1785	23
LTE Band 7	2500 - 2570	23
LTE Band 8	880 - 915	23
LTE Band 28	703 - 748	23

LTE Band 38	2570 - 2620	23
LTE Band 40	2300 - 2400	23

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.

Exposure to RF energy & phone operation. Your phone contains a transmitter and receiver of RF energy. It is designed to comply with regulatory requirements concerning human RF exposure. For optimal phone performance, and to stay within the RF exposure guidelines:

- Hold your phone normally at your ear when talking on it.
- When using the phone 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 phone is tested for



compliance with RF exposure requirements.

- If you use your phone with a non-Motorola accessory case or holder, make sure the accessory maintains the required separation distance and has no metallic parts.

Note: According to the World Health Organization, "many studies have been carried out over the last twenty years to evaluate the risks that phones present to health. Up to now, the negative impact on health of using phones has not been proven" (Leaflet No. 193). In accordance with French regulations, we are obliged to include the following recommendations regarding precautionary measures: you can limit your exposure to radio-frequency energy a) by using your phone in areas with good network coverage, or b) by using a hands-free kit to keep your phone away from your head and body. In this latter case, pregnant women are advised to keep their phone away from their abdomen. It is also recommended that adolescents keep their phones away from the lower part of their abdomen.

Importer company. Lenovo Technology B.V. Merkezi Hollanda Türkiye İstanbul Şubesi: Palladium Tower İş Mrk. K. Bakkalköy Mh. Halk Cad. Kardelen Sokak No: 2/1 Kat: 3. Ofis No: 13 34746. Tel: +90 216 577 01 00 Atasehir İstanbul Türkiye.

Service life. This product has an expected service life of 5 (five) years as determined by the Turkish Ministry of Customs and Trade.

Ukraine radio compliance. Hereby, the manufacturer, Motorola Mobility LLC, declares that this radio equipment complies with Technical Regulation of radio equipment. The full text of declaration of conformity is available at www.motorola.com/red.

Unified product circulation mark. Compliance with the requirements of Technical Regulations: Smartphone meets the requirements of TR CU 020/2011 "electromagnetic compatibility of technical means." TR EAEU 037/2016 "On Restrictions of the use of hazardous substances in electrical and radio electronic equipment". Charger (AC adapter) meets the requirements of TR CU 004/2011 "on safety of low-voltage equipment." TR CU 020/2011 "electromagnetic compatibility of technical means." TR EAEU 037/2016 "On Restrictions of the use of hazardous substances in electrical and radio electronic equipment". Mark of conformity:



Russian compliance. Smartphone for personal and business use, designed for voice calls, sending text messages, data transfer, with support for various connection profiles (Wi-Fi, Bluetooth, GSM, CDMA, etc.) and applications.

Изготовитель: Моторола Мобилити ЛЛС, 222 В. Мерчандисе Март Плаза, Суите 1800, Чикаго, ИЛ 60654, США (Motorola Mobility LLC, 222 W. Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654, USA)

Made in China. Representative: LLC Lenovo EE/A, 143401, Moscow Region, Krasnogorsk, boulevard Stroiteley 4 bld 1, section A, 7 floor.

Importer: The name of Importer can be found on package label/

sticker*.

Manufacturing date: see package label*, line Date (the date is indicated in a format year-month-date).

* According to the standard GOST 2.601-2013 "Unified system of design documentation. Operational manual", article 5.1, clause 5.1.2, sticker/label is considered as type of operation manual.

Life cycle of the product: 2 years.

MOTOROLA MOBILITY LLC GLOBAL LIMITED WARRANTY MOBILE PHONES

Motorola Mobility LLC, or its subsidiaries, ("Motorola") warrants to the original consumer purchaser ("you") that the Mobile Phone or Moto Mod accompanying this warranty, and any in-box accessories which accompany it (the "Products"), will be free of substantial defects in material and workmanship for the period noted in the Addendum (see end of section), beginning from the date of original consumer purchase ("Warranty Period") provided that the Products are used for normal consumer purpose.

This warranty only applies to the first purchaser, and begins on the original date of purchase by such first purchaser. This warranty does not apply to products that are resold to a second purchaser (e.g. either as used, refurbished, or otherwise). In the event of a dispute as to whether the phone has been resold, if the date the phone has been first activated precedes the date of purchase by the second purchaser, such phone shall be deemed to have been resold, and this warranty shall not apply.

Note for Moto Mods owners: This warranty covers only the Moto Insta-Snap Projector, Hasselblad True Zoom, Moto Power Pack, Moto Style Shell Wireless Charging, Moto TurboPower Pack, Moto 360 Camera, and Moto Smart Speaker with Amazon Alexa, and Polaroid Insta-Snap Printer, Moto Gamepad, Moto Stereo Speaker, Moto Power Pack & TV Digital, Moto Style Shell, and Moto 5G Moto Mods. Third-party Moto Mods are not covered by this warranty, but may be covered by a separate warranty that accompanies them.

Repairs made by Motorola or its authorized agent under this Limited Warranty ("Warranty Service") are covered for the balance of the original Warranty Period, or for the period noted in the Addendum, whichever is longer. This Limited Warranty covers only a purchase of new Products from Motorola or an authorized reseller or authorized distributor of Motorola Products which are accompanied in-box by this written Limited Warranty. This Limited Warranty is personal to you and not transferable. No retailer or other third party is authorized to make any representations on behalf of Motorola or to modify this Limited Warranty.

Additional warranty coverage for those Products that contain the ShatterShield™ Display (not all products contain the ShatterShield™

display, see printed manual for details). The ShatterShield™ display consists of the internal display panel and embedded lens, which are warranted against shattering and cracking for four (4) years from the original date of consumer purchase. Certain phones may include a protective lens, screen protectors, or other similar external layers, which are not covered by this additional warranty. All other limitations and exclusions contained in this Limited Warranty (see "What is not covered" section), including scratches and other cosmetic damage, intentional damage or abuse, and normal wear and tear, apply to the components of the ShatterShield™ display.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY BY STATE, PROVINCE OR COUNTRY. FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. FOR A FULL UNDERSTANDING OF YOUR RIGHTS YOU SHOULD CONSULT THE LAWS OF YOUR COUNTRY, PROVINCE OR STATE.

What will we do if you make a claim under this Limited Warranty?

If you make a valid claim under this Limited Warranty, Motorola, or its Authorized Service Provider will, at their discretion, either (1) repair the Product using new, used, or reconditioned replacement parts; or (2) replace the Product with a new or 'like new' reconditioned Product that is the same or similar to the warranted Product; or (3) refund the purchase price. Repaired or replaced products will be returned to you in their original factory configuration, plus any applicable software updates, which may affect use and/or compatibility with third party applications (for which Motorola shall have no liability). Any refunded or replaced Product shall become the property of Motorola. To obtain service under this Limited Warranty, the claim should be made in the country where the Product was intended for sale; otherwise repair services are limited to the options available in the country where the service is requested.

What is not covered?

This Limited Warranty does not cover the following unless they occurred because of a defect in materials or workmanship:

- (a) Normal wear and tear due to the normal aging of the Product, including parts that are expected to deteriorate over time, such as batteries, lens liners, or protective coatings.**
- (b) Cosmetic damage, including scratches, dents, and cracks to the Products.**
- (c) Damage caused by the use of non-Motorola branded or**

approved products, accessories or software.

(d) Damage caused beyond the reasonable control of Motorola, including damage caused by (i) accident, abuse, misuse; (ii) operating a Product outside its permitted or intended uses as defined in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation provided to you, including use of the Products for commercial purposes; (iii) improper care and handling (e.g. subjecting the Product to temperatures above the temperature for which the Product is approved), abuse or neglect (e.g. broken or bent connectors, ports, or SIM/SD card slots); impact damage (e.g. dropping the Product); (iv) contact with liquids, water, rain, extreme humidity, unusually heavy perspiration, vapor or other moisture; sand, food, dirt or other similar substances (except for Products sold as resistant to such substances), but then only to the extent the damage was not caused by incorrectly securing the phone's protective elements (e.g. failing to properly close a seal), or such protective elements are damaged or missing (e.g. a cracked back cover), or subjecting a Product to conditions beyond its stated specifications or limits (e.g. IPx7, 30 minutes in 1 meter of fresh water); or (v) flood, fire, earthquake, tornado or other acts of God not within Motorola's reasonable control.

(e) Unauthorized service. Defects or damage resulting from someone other than Motorola or a Motorola authorized service center servicing, testing, adjusting, installing, maintaining, altering, or tampering with the Products.

(f) Products that have been modified in any manner without the written permission of Motorola, including Products (i) with serial numbers or other manufacturer codes that have been removed, altered or obliterated; (ii) with mismatched or duplicated serial numbers; (iii) with broken seals or other evidence of tampering; or (iv) which have been modified to alter functionality or capability, or show evidence of attempts to modify them.

- **WARNING AGAINST UNLOCKING THE BOOTLOADER OR ALTERING A PRODUCT'S OPERATING SYSTEM SOFTWARE: ALTERING A PRODUCT'S OPERATING SYSTEM, WHICH INCLUDES UNLOCKING THE BOOTLOADER, ROOTING A PHONE OR RUNNING ANY OPERATING SOFTWARE OTHER THAN THE APPROVED VERSIONS ISSUED BY MOTOROLA AND ITS PARTNERS FOR YOUR SPECIFIC PHONE MAY PERMANENTLY DAMAGE YOUR PRODUCT, CAUSE IT TO BE UNSAFE AND/OR MALFUNCTION AND ANY DAMAGE THAT IS CAUSED THEREFROM WILL, UNLESS OTHERWISE STATED BY MOTOROLA, NOT BE COVERED BY THIS LIMITED WARRANTY.**
- **IMPORTANT: IT IS ILLEGAL TO USE THIS PRODUCT IF IT CEASES TO COMPLY WITH THE GOVERNMENT AUTHORIZATIONS THAT APPROVED ITS RELEASE. THEREFORE, YOU MUST NOT MAKE CHANGES TO THE PRODUCT AFFECTING ITS EMISSION, MODULATION,**

TRANSMISSION CHARACTERISTICS, INCLUDING POWER LEVELS, OPERATING FREQUENCIES AND BANDWIDTHS, SAR LEVELS, DUTY-CYCLE, TRANSMISSION MODES AND THE INTENDED METHOD OF USE OF THE PRODUCT.

(g) Defects, damages, or the failure of the Product due to any third party communication service or network you subscribe to or use with the Product.

(h) Software, either embedded in, downloaded to, or accompanied with the Products.

- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ALL WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS, AND MOTOROLA DOES NOT WARRANT THAT THE OPERATION OF ANY PRODUCTS OR SOFTWARE COVERED UNDER THIS LIMITED WARRANTY WILL MEET YOUR REQUIREMENTS, WORK IN COMBINATION WITH ANY HARDWARE OR SOFTWARE APPLICATIONS OR THIRD PARTY SERVICES, BE UNINTERRUPTED, ERROR-FREE, OR WITHOUT RISK TO, OR LOSS OF, ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS CONTAINED THEREIN, OR THAT DEFECTS IN THE PRODUCTS OR SOFTWARE WILL BE CORRECTED. WHERE SUCH STATUTORY OR IMPLIED WARRANTIES CANNOT LAWFULLY BE DISCLAIMED, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS LIMITED WARRANTY CONTAINED HEREIN AND THE REMEDIES OF REPAIR, REPLACEMENT, OR REFUND AS DETERMINED BY MOTOROLA IN ITS SOLE DISCRETION SHALL BE THE EXCLUSIVE REMEDY OF THE CONSUMER. NO ORAL OR WRITTEN REPRESENTATIONS MADE BY MOTOROLA OR ANY SELLER, RESELLER OR DISTRIBUTOR OF THE PRODUCTS, INCLUDING EMPLOYEES AND AGENTS THEREOF, SHALL CREATE ANY ADDITIONAL WARRANTY OBLIGATIONS, INCREASE THE SCOPE, OR OTHERWISE MODIFY IN ANY MANNER THE TERMS OF THIS LIMITED WARRANTY.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA SPECIFICALLY DISCLAIMS ANY AND ALL LIABILITY, WHETHER IN CONTRACT, TORT OR UNDER OTHER LEGAL THEORY (INCLUDING NEGLIGENCE), FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCTS, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS; LOSS OF BUSINESS; BUSINESS INTERRUPTION; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; LOSS OF, DAMAGE TO, OR CORRUPTION OF INFORMATION, DATA, SOFTWARE

OR APPLICATIONS (INCLUDING ANY COSTS ASSOCIATED WITH RECOVERING, PROGRAMMING, OR REPRODUCING ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS STORED ON OR USED WITH MOTOROLA PRODUCTS, OR ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF ANY INFORMATION OR DATA STORED ON THE PRODUCTS); OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR SERVICES PROVIDED UNDER THIS LIMITED WARRANTY. BY MAKING A CLAIM UNDER THIS LIMITED WARRANTY YOU ACKNOWLEDGE THAT YOU UNDERSTAND THE ABOVE DISCLAIMERS OF LIABILITY.

- SOME STATES OR JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR THE EXCLUSION OR LIMITATION ON THE LENGTH OF AN IMPLIED WARRANTY, OR THE LIMITATION OR EXCLUSION OF DAMAGES FOR PERSONAL INJURIES CAUSED BY NEGLIGENCE, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE OR JURISDICTION.

My Product needs service, what should I do? Locate your valid proof of purchase, showing the date of purchase, you will need it to obtain warranty coverage.

1. Before attempting to diagnose or repair any Product, please backup all software, applications, and other data, including contacts, photos, music, games, which will be erased during the repair process and cannot be reinstalled by Motorola and Motorola shall have no liability therefore.
2. Review the online Motorola customer support website at www.motorola.com for troubleshooting information.
3. If the Product is still not functioning properly after you have followed troubleshooting instructions suggested on this website, please contact Motorola using the contact details provided on the customer support page of www.motorola.com.
4. If your Product is covered by this Limited Warranty, you may be required to download, or otherwise obtain and accept software updates. You are responsible for any third party data costs incurred when obtaining the downloads.

Before we can provide any further support under this Limited Warranty you must first comply with the warranty processes outlined above, and any repair instructions provided by Motorola.

5. If the software update does not fix the problem, you will receive instructions on how and where to ship the Product for evaluation. You must supply: (i) proof of purchase; (ii) a written description of the problem; (iii) the name of your mobile

network service provider, if applicable; and (iv) your home and email address and telephone number. Motorola reserves the right to charge you for the cost of shipping the Product to and from the authorized service center.

6. If the Product is not covered by this Limited Warranty (and you do not have any other statutory rights in your place of residence), Motorola will inform you of the availability, price, and other conditions applicable to such out-of-warranty repair of the Product.

Addendum: Warranty periods by country

Country/Region	Warranty Period (Months) Phone & Moto Mod/Charger/ Earphone/Non-Removable Battery/Removable Battery

Guarantee policy (Mexico only)

This Guarantee Policy represents the only guarantee that applies to personal communication Products and Accessories of the Motorola Trademark that are purchased in Mexico.

Items covered by this Guarantee

It protects the manufacturing defects and hidden defects of the "Products" and "Accessories" (such as batteries, antennas, chargers, wired headphones and wireless phones) of the Motorola trademark, described in the space that for such purpose is established on the back of this Guarantee Policy, which covers all of the parts, components, accessories and labor of Motorola Products, as well as the transportation costs that derive from fulfilling this policy, within its service network.

The Motorola "Products" that this guarantee protects may be: (a) cellular phones, (b) smart phones (pocket computer and cellular phone), (c) beepers, (d) two-way radios, (e) wireless phones.

Motorola, free of charge for you, shall have the option to repair or replace the "Products", "Accessories" and components that present problems and are covered by the Guarantee. Motorola Comercial, S.A. de C.V. shall use used, equally functioning, refurbished, repaired or second hand parts or spare parts to repair the "Product." Software updates shall not be provided.

Duration of the Guarantee

The duration of the guarantee shall be one year starting from the purchase date of the new "Product" or "Accessory" at an authorized

guarantee laws and regulations and your local Motorola office.

Comisión de Regulación de Comunicaciones (CRC).

To find the CRC approval letter for the phone, visit <http://www.sjust.gov.co/siic/publico/terminal-homologada>.

This phone works with 4G LTE technology and is enabled to operate on the band 4 - AWS and band 7 - 2,600 MH, for more information visit www.motorola.com/support.

Hearing Aid Compatibility (HAC). Go to www.motorola.com/hacphones or see 'Hearing aids' in the user guide to learn more.



Compatible energy efficient power supplies. Motorola products are designed to work with a range of compatible power supplies. You can find a list on the product-specific EU Declaration of Conformity (DoC) at www.motorola.com/RED. To find energy efficiency information for your power supply, go to www.motorola.com/eu-erp.

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

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Motorola Mobility LLC
222 W. Merchandise Mart Plaza
Chicago, IL 60654
www.motorola.com

SAR

To view the SAR and/or PD values for your phone, visit www.motorola.com/sar.

This product meets the applicable national or international RF exposure guidance (SAR guideline)

when used normally against your head or, when worn or carried, at a distance of 5 mm from the body. To meet RF exposure guidelines during body-worn operation, the device should be positioned at least this distance away from the body. The SAR guideline includes a considerable safety margin designed to assure the safety of all persons, regardless of age and health.

To view additional information, visit www.motorola.com/rfhealth.

Warranty Card

Product name Serial number /
IMEI

Lenovo (Motorola Mobility LLC) guarantees that every purchased Lenovo hardware product is free from material and quality defects in case of normal use of the product during the warranty period.

The warranty period for the purchased product is 24 months from the original date of purchase stated on the receipt or invoice, unless otherwise specified by Lenovo. The above mentioned warranty period also applies to the accessories included in the product.

The warranty rights will be exercised upon presentation of and confirmation that the entries in the warranty card are in conformity with the actual state of affairs.

Depending on the type of fault and the level of support selected, the customer will be informed about further service procedures. If the product needs to be delivered to the maintenance service, the product should be delivered in a company packaging or in a rigid box with intact flaps, secured inside with a suitable cushioning material. Each item should be wrapped separately.

Any product defects discovered during the warranty period will be repaired or replaced free of charge. The time during which defective products remain in repair is not included in the warranty period. The maximum permitted repair time is 14 calendar days from the date the equipment is submitted to repair. The method of defect repair is determined by the guarantor.

During the warranty period, the guarantor will replace the product with an analogous one or another model, free from defects, with no worse technical parameters if:

- the reported defect is not removable, or
- the warranty service cannot be performed within the aforementioned period.

The Warranty Card should be filled in completely and legibly, signed by the seller and the buyer, and should not contain any deletions, corrections, etc.

The warranty does not cover mechanical damage, defects caused by improper use or use of the product inconsistent with the operating manual as well as defects caused by random events. Mechanically damaged parts of the device lose their warranty.

The warranty does not cover the restoration of the customer's data or software.

The maintenance service may refuse warranty repair in the event of an inconsistency of product serial numbers with serial numbers contained in the Warranty Card, illegible records, change or lack of product serial number, detecting unauthorized repairs, breach of warranty seals of the product or its components, or use of the

product contrary to its intended purpose.

This warranty with respect to consumer goods does not exclude, limit or

suspend the purchaser's rights under the warranty provisions for defects in the sold item.

In the case of reporting a defect not covered by the warranty, the authorized Lenovo service may charge the Claimant with the costs of diagnostics and logistics.

This warranty is the sole warranty of the Customer in Poland. The guarantor of the device is:

Lenovo (Motorola Mobility LLC) Branch in Poland, ul. Gottlieba Daimlera 1, 02-460 Warsaw. Hotline: +48 223 07 360

Date of Acceptance for Service	Date of receipt	Type of fault	Stamp of the service facility
Remarks:			

Date of sale Stamp and signature of seller

Authorized Lenovo service:

Regeneris (Warsaw) Limited, Janki, ul. Falencka 1B, 05-090 Raszyn Hotline: +48 22 703 41 00 Open: Monday–Friday 8:30–18:00

www.ctdipolska.pl

FCC notice (USA)

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)

DONE

 Motorola legal Motorola legal

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).

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

Was this information helpful?

Related topics[FCC notice \(USA\)](#)[Industry Canada notice to users \(Canada\)](#)[European Conformance \(CE\)](#)[Restrictions of use](#)[Frequency & power](#)[Avoid altering your product's software](#)[Communications Regulation Commission \(Colombia\)](#)[Eurasian Conformity Mark](#)



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motorola



hearing aid compatibility in the US

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 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.



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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 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 with the following sequence: Apps > Phone > Menu > Settings > HAC mode settings.

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.

current HAC models*

Market name	Model number(s)	M rating	T rating**	C63.19 version
moto g	XT2117-1,			

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Hearing aid compatibility (US)



Learn more at www.motorola.com/hacphones or see "hearing aid" in the User Guide.

Was this information helpful?

Related topics

[Battery safety](#)[Battery charging](#)[Distractions](#)[Driving precautions](#)[Navigation](#)[Seizures, blackouts, eyestrain & discomfort](#)[Warning about high volume usage](#)[LED light safety](#)[Hearing aid compatibility \(US\)](#)[Children and animals](#)