



Additional Information

For information on using the L10, refer to the L10 User Guide available at:
<http://www.zebra.com/l10-info>.

L10 Android™ Tablet Regulatory Guide



Get Info



Printed in China



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Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following Model Numbers: RTL10B1, RTL10B0.

All Zebra devices are designed to be compliant with the rules and regulations in locations they are sold and will be labeled as required.

Local language translations are available at the following website: www.zebra.com/support.

Any changes or modifications to Zebra equipment, not expressly approved by Zebra, could void the user's authority to operate the equipment.

Declared temperature range (operating, non-Hazardous Location): -20°C to 60°C.

Declared temperature range (operating, Hazardous Location): 5°C to 40°C.

Declared temperature range (operating, AC Power Adapter): -20°C to 40°C.

Declared temperature range (storage): -30°C to 70°C.

UL Listed Products with GPS

Underwriters Laboratories Inc. (UL) has not tested the performance or reliability of the Global Positioning System (GPS) hardware, operating software, or other aspects of this product. UL has only tested for fire, shock, or casualties as outlined in UL's Standard(s) for Safety for Information Technology Equipment, UL60950-1. UL Certification does not cover the performance or reliability of the GPS hardware and GPS operating software. UL makes no representations, warranties, or certifications whatsoever regarding the performance or reliability of any GPS related functions of this product.

Bluetooth® Wireless Technology

This is an approved Bluetooth® product. For more information or to view the End Product Listing, please visit www.bluetooth.org/tpp/listings.cfm.

Wireless Device Country Approvals

Regulatory markings subject to certification are applied to the device signifying the radio(s) is/are approved for use in the following countries and continents: United States, Canada, Japan, China, South Korea, Australia, and Europe.

Please refer to the Declaration of Conformity (DoC) for details of other country markings. This is available at: www.zebra.com/doc.

Note: Europe includes Austria, Belgium, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.



Country Roaming

This device incorporates the International Roaming feature (IEEE802.11d), which will ensure the product operates on the correct channels for the particular country of use.

Wi-Fi Direct / Hotspot Mode



Operation is limited to the following channels/bands as supported in the country of use:

- Channels 1 - 11 (2,412 - 2,462 MHz)
- Channels 36 - 48 (5,150 - 5,250 MHz)
- Channels 149 - 165 (5,745 - 5,825 MHz)

Frequency of Operation – FCC and IC

5 GHz Only

Industry Canada Statement

CAUTION: The device for the band 5,150 - 5,250 MHz is only for indoor usage to reduce potential for harmful interference to co-Channel mobile satellite systems. High power radars are allocated as primary users (meaning they have priority) of 5,250 - 5,350 MHz and 5,650 - 5,850 MHz and these radars could cause interference and/or damage to LE-LAN devices.

AVERTISSEMENT: Le dispositif fonctionnant dans la bande 5,150 - 5,250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux. Les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bands 5,250 - 5,350 MHz et 5,650 - 5,850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

2.4 GHz Only

The available channels for 802.11 operation in the US are Channels 1 to 11. The range of channels is limited by firmware.

Health and Safety Recommendations

Ergonomic Recommendations

CAUTION: In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures

Vehicle Installation

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (including safety systems). Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer about any equipment that has been added to your vehicle.

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Position the device within easy reach. Be able to access the device without removing your eyes from the road.

NOTE: Connection to an alert device that will cause a vehicle horn to sound or lights to flash on receipt of a call on public roads is not permitted.

IMPORTANT: Before installing or using, check state and local laws regarding windshield mounting and use of equipment.

For Safe Installation

- Do not put your phone in a location that obstructs the driver's vision or interferes with the operation of the Vehicle.
- Do not cover an airbag.

Safety on the Road

Do not take notes or use the device while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.

When driving a car, driving is your first responsibility - Give full attention to driving. Check the laws and regulations on the use of wireless devices in the areas where you drive. Always obey them.

Warnings for Use of Wireless Devices

CAUTION: Please observe all 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

Switch off your wireless device whenever you are instructed to do so by airport or airline staff. If your device offers a 'flight mode' or similar feature, consult airline staff as to its use in flight.

((i)) Safety in Hospitals

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

Pacemakers

Pacemaker manufacturers recommended that a minimum of 15 cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

Persons with Pacemakers:

- Should ALWAYS keep the device more than 15 cm (6 inches) from their pacemaker when turned ON.
- Should not carry the device in a breast pocket.
- Should use the ear furthest from the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn OFF your device.

Other Medical Devices

Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

RF Exposure Guidelines

Safety Information

Reducing RF Exposure – Use Properly

Only operate the device in accordance with the instructions supplied.

International

The device complies with internationally recognized standards covering human exposure to electromagnetic fields from radio devices. For information on 'International' human exposure to electromagnetic fields, refer to the Zebra Declaration of Conformity (DoC) at www.zebra.com/doc.

For further information on the safety of RF energy from wireless devices, see www.zebra.com/responsibility located under Corporate Responsibility.

Europe

This device was tested for typical body-worn operation. Use only Zebra tested and approved belt-clips, holsters, and similar accessories to ensure EU Compliance.

US and Canada

Co-located statement

To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter/antenna except those already approved in this filing.

Use only Zebra tested and approved belt clips, holsters, and similar accessories to ensure FCC Compliance. The use of third-party belt clips, holsters, and similar accessories may not comply with FCC RF exposure compliance requirements and should be avoided. The FCC has granted an Equipment Authorization for these model phones with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on these model phones is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid.

Handheld Devices

This device was tested for typical body worn operation. Use only Zebra tested and approved belt-clips, holsters, and similar accessories to ensure FCC Compliance. The use of third-party belt clips, holsters, and similar accessories may not comply with FCC RF exposure compliance requirements, and should be avoided.

LED Devices

Classified as 'EXEMPT RISK GROUP' according to IEC 62471:2006 and EN 62471:2008.

Pulse duration: CW ms.

Power Supply

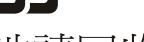
Use ONLY a Zebra approved Nationally Recognized Test Laboratory (NRTL) Certified ITE (LPS/SELV) power supply with electrical ratings: Output VDC, 19 VDC, min 3.42 A, with a maximum ambient temperature of at least 40° C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Batteries



Taiwan - Recycling

EPA (Environmental Protection Administration) requires dry battery producing or importing firms in accordance with Article 15 of the Waste Disposal Act are required to indicate the recycling marks on the batteries used in sales, giveaway or promotion. Contact a qualified Taiwanese recycler for proper battery disposal.



Battery Information

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of batteries according to instructions.

Use only Zebra approved batteries. Accessories which have battery charging capability are approved for use with the following battery model:

• Model: XLBLM1 (7.6 VDC, 4,770 mAh)

• Model: XLB1E1 (7.6 VDC, 13,000 mAh) (optional)

Zebra approved rechargeable battery packs are designed and constructed to the highest standards within the industry.

However, there are limitations to how long a battery can operate or be stored before needing replacement. Many factors affect the actual life cycle of a battery pack, such as heat, cold, harsh environmental conditions and severe drops.

When batteries are stored over six (6) months, some irreversible deterioration in overall battery quality may occur. Store batteries at half of full charge in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts and electrolyte leakage. When storing batteries for one year or longer, the charge level should be verified at least once a year and charged to half of full charge.

Replace the battery when a significant loss of run time is detected.

Standard warranty period for all Zebra batteries is one year, regardless if the battery was purchased separately or included as part of the mobile computer or bar code scanner. For more information on Zebra batteries, please visit: www.zebra.com/batterybasics.

Battery Safety Guidelines

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.

• Follow battery usage, storage, and charging guidelines found in the user's guide.

• Improper battery use may result in a fire, explosion, or other hazard.

• To charge the mobile device battery, the battery and charger temperatures must be between +32°F and +104°F (0°C and +40°C).

• Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or other hazard. If you have any questions about the compatibility of a battery or a charger, contact Zebra support.

• Do not disassemble or open, crush, bend or deform, puncture, or shred.

• Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.

• Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.

• 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.

• 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.

• Battery usage by children should be supervised.

• Please follow local regulations to promptly dispose of used re-chargeable batteries.

• Do not dispose of batteries in fire.

• 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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This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CE Marking and European Economic Area (EEA)

The use of 5 GHz RLAN throughout the EEA has the following restrictions:

- 5.15 - 5.35 GHz is restricted to indoor use only.

Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with Directives, 2014/53/EU and 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.zebra.com/doc.

Japan (VCCI) - Voluntary Control Council for Interference

Class B ITE

この装置は、クラス B 情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用される場合と、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

Korea Warning Statement for Class B ITE

기종별	사용자 안내문
B 금 기기 (가정용 방송통신기자재)	이 기기는 가정용(B 금) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Other Countries

Australia

The use of 5 GHz RLAN in Australia is restricted in the following band 5.60 – 5.65GHz.

Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em Sistemas devidamente autorizados.

Este produto está homologado pela Anatel de acordo com os procedimentos regulamentados para avaliação da conformidade de produtos para telecomunicações e atende aos requisitos técnicos aplicados, incluindo os limites de exposição da Taxa de Absorção Específica referente a campos elétricos, magnéticos e eletromagnéticos de radiofrequência.

Chile

Este equipo cumple con la Resolución No 403 de 2008, de la Subsecretaría de telecomunicaciones, relativa a radiaciones electromagnéticas.

Conforme a Resolución 755 parte j.1), se ajustará el dispositivo a operar en interiores en las siguientes bandas con una potencia máxima radiada no superior a 150mW:

- 2.400 a 2.483,5 MHz
- 5.150 a 5.250MHz
- 5.250 a 5.350MHz
- 5.470 a 5.725MHz
- 5.725 a 5.850MHz

Además, de acuerdo con Resolución 755, para la banda 5150-5250MHz la operación del equipo estará restringida al interior de inmuebles y la densidad de potencia radiada máxima no supera 7,5mW/MHz en cualquier banda de 1MHz y 0,1875mW/25kHz en cualquier banda de 25kHz.

Para la tecnología NFC en la banda 13.553 a 13.567 kHz, la intensidad de campo eléctrico no excederá 20 mV/m a 30 metros, conforme a Resolución 755 parte Art 1. e).

China

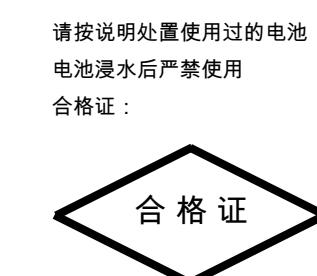
通过访问以下网址可下载当地语言支持的产品说明书
www.zebra.com/support

确认进网标贴和证书真伪可查询网址 : www.tenaa.com.cn/.

锂电池安全警示语 :

警告：请勿拆装，短路，撞击，挤压或者投入火中

注意：如果电池被不正确型号替换，或出现鼓胀，会存在爆炸及其他危险



请按说明处置使用过的电池

电池浸水后严禁使用

合格证 :

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Eurasian Customs Union

Евразийский Таможенный Союз

Данный продукт соответствует требованиям знака ЕАС.



Hong Kong

In accordance with HKTA1039, the band 5.15GHz - 5.35GHz is for indoor operation only.

Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

South Korea

해당 무선설비는 운용 중 전파혼신 가능성이 있음
해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다

Taiwan

臺灣

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。
前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

減少電磁波影響，請妥適使用

應避免影響附近雷達系統之操作

公司資訊

台灣斑馬科技股份有限公司 / 台北市信義區松高路 9 號 13 樓

Ukraine

Дане обладнання відповідає вимогам технічного регламенту № 1057, 2008 на обмеження щодо використання деяких небезпечних речовин в електрических та електронних пристроях.

Thailand

เครื่องไม้ไม่สักและอุปกรณ์ที่มีความสอดคล้องตามข้อกำหนดของ กทค .

Turkey

Bu cihaz Türkçe karakterlerin tamamını ıhtiyaç eden ETSI TS 123.038 V8.0.0 (veya sonraki sürümlük kodu) ve ETSI TS 123.040 V8.1.0 (veya sonraki sürümlük kodu) teknik özelliklerine uygundur.

Turkish WEEE Statement of Compliance

EEE Yönetmeliğine Uygundur.



Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Zebra for recycling. For information on how to return product, please go to: www.zebra.com/weee.

Français: Clients de l'Union Européenne: Tous les produits en fin de cycle de vie doivent être retournés à Zebra pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : www.zebra.com/weee.

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Zebra al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: www.zebra.com/weee.

Bulgarian: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се върнат на Zebra за рециклиране. За информация относно въръщането на продукти, моля отидете на адрес: www.zebra.com/weee.

Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Zebra zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter www.zebra.com/weee.

Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Zebra al fine di consentire il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: www.zebra.com/weee.

Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Zebra para reciclagem. Para obter informações sobre como devolver o produto, visite: www.zebra.com/weee.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggestuur voor recycling. Raadpleeg www.zebra.com/weee voor meer informatie over het terugzenden van producten.

Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należą zwrocić do firmy Zebra w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej www.zebra.com/weee.

Ceština: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Zebra k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: www.zebra.com/weee.

Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamiseks Zebra'ile. Lisainformatsiooni saamiseks toote tagastamise kohta külalstage palun aadressi: www.zebra.com/weee.

Magyar: Az EU-ban vásárlóknak: minden tönkrement terméket a Zebra vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a www.zebra.com/weee weboldalra.

Svenska: För kunder inom EU: Alla produkter som uppgräddats till livslängd måste returneras till Zebra för återvinning. Information om hur du returnerar produkten finns på www.zebra.com/weee.

Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Zebra-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa www.zebra.com/weee.

Dansk: Til kunder i EU: Alle produkter skal returneres til Zebra til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: www.zebra.com/weee.

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。(企业可在此处, 根据实际情况对表中打 "x" 的技术原因进行进一步说明。)

This table was created to comply with China RoHS requirements.

CMM Disclosure

部件名称 (Parts)	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr ^{VI})	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 (Metal Parts)	○	○	○	○	○	○
电路模块 (Circuit Modules)	X	○	○	○	○	○
电缆及电缆组件 (Cables and Cable Assemblies)	○	○	○	○	○	○
塑料和聚合物部件 (Plastic and Polymeric Parts)	○	○	○	○	○	○
光学和光学组件 (Optics and Optical Components)	○	○	○	○	○	○
电池 (Batteries)	○	○	○	○	○	○

本表格依据 SJ/T 11364 的规定编制。

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。(企业可在此处, 根据实际情况对表中打 "x" 的技术原因进行进一步说明。)

This table was created to comply with China RoHS requirements.

Software Support

Zebra wants to ensure that customers have the latest entitled software at the time of device purchase in order to keep the device operating at peak performance levels. To confirm that your Zebra device has the latest entitled software available at the time of purchase, visit www.zebra.com/support.

Check for the latest software from Support > Products, or search for the device and select Support > Software Downloads.

If your device does not have the latest entitled software as of your device purchase date, e-mail Zebra at entitlementservices@zebra.com and ensure you include the following essential device information:

- Model number
- Serial number
- Proof of purchase
- Title of the software download you are requesting.

If it is determined by Zebra that your device is entitled to the latest version of software, as of the date you purchased your device, you will receive an e-mail containing a link directing you to a Zebra Web site to download the appropriate software.

Hazardous Location Statements

WARNING - SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C AND D HAZARDOUS LOCATIONS, OR NONHAZARDOUS LOCATIONS ONLY.

WARNING - EXPLOSION HAZARD - Tablet PC is to be only powered from the battery pack while in Hazardous Locations. Power adapter is not certified to use in Hazardous Locations and not to be used in Hazardous Locations.