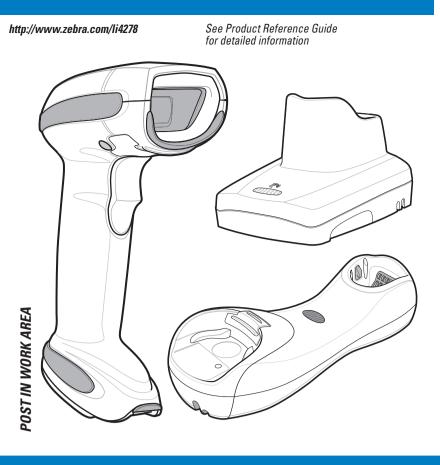
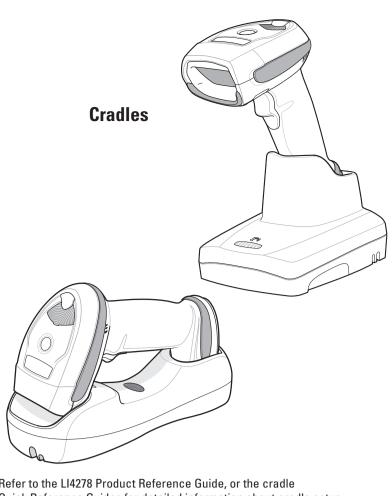
LI4278 LINEAR IMAGER QUICK START GUIDE

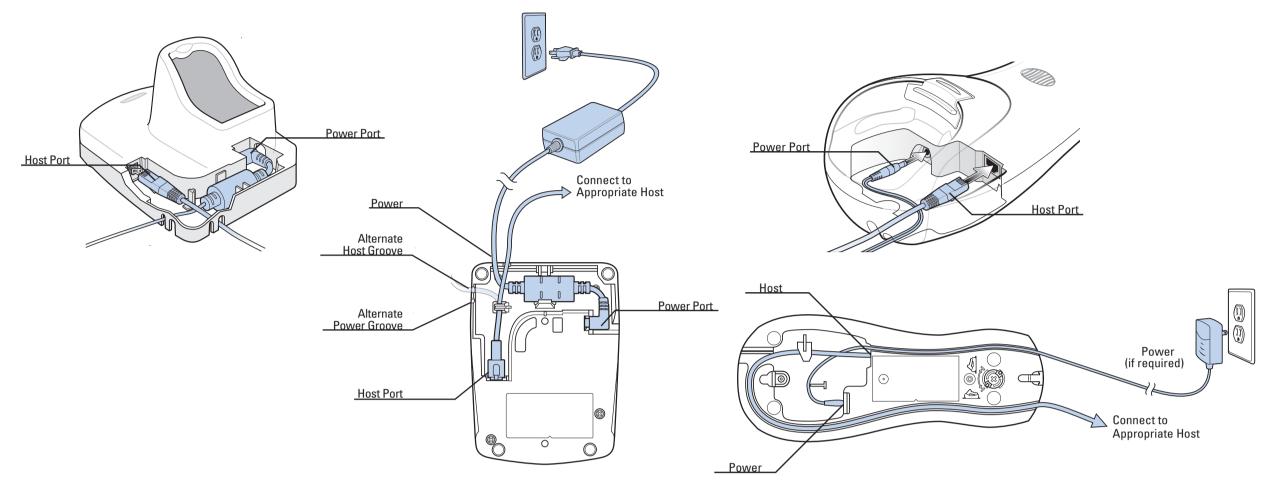






Refer to the LI4278 Product Reference Guide, or the cradle Quick Reference Guides for detailed information about cradle setup. When charging, use the cradle power supply for faster charge time.

STEP 1 - CRADLE CABLE CONNECTIONS



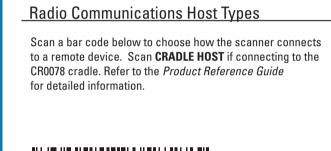
Important: Charge the linear imager scanner for 24 hours before the first full day of use.



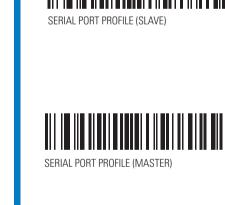
USB

(For use with hands-free base only)

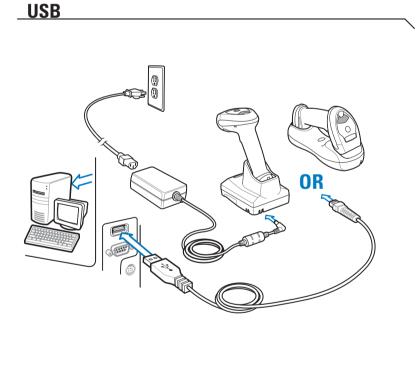




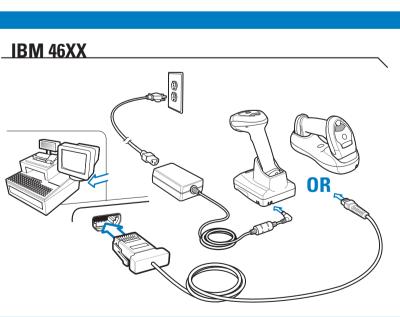


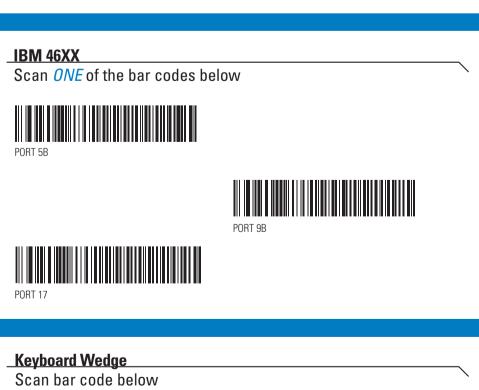


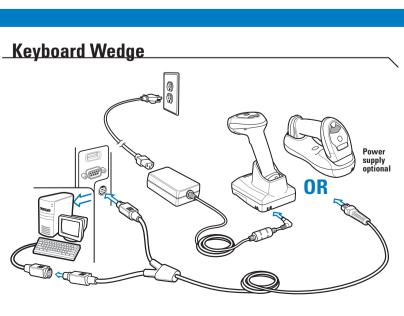


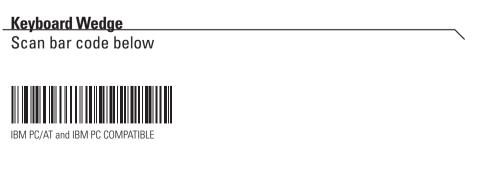






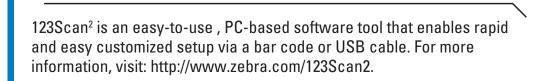






123SCAN² **HELPFUL BAR CODES**



















RECOMMENDED USAGE GUIDE - OPTIMUM BODY POSTURE

012345

Avoid Extreme Wrist Angles









Avoid Reaching



Hand-Held Scanning

Health and Safety Recommendations

L Ergonomic Recommendations

Caution: In order to avoid or minimize the potential risk of ergonomic iniury 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.

Perform tasks at correct heights.

- · Reduce or eliminate repetitive motion. Maintain a natural position.
- · Reduce or eliminate excessive force. Keep objects that are used frequently within easy reach.
- Reduce or eliminate direct pressure. Provide adjustable workstations. • Provide adequate clearance.

• Reduce or eliminate vibration

· Improve work procedures.

· Provide a suitable working environment

BEEPER INDICATIONS **LED INDICATIONS**

Standard Use Low/medium/high beep Short medium beep 4 long low beeps 4 short beeps Bar code decoded Transmission error detected; Power up Low battery data is ignored Parameter Menu Scanning Low/high beep High/low/high/low beep High/low beep Incorrect programming sequence Successful Correct programming or "Cancel" bar code scanned parameter setting sequence performed Wireless Operation High/low beep High/low/high/low beep Low/high beep Pairing bar code Bluetooth Bluetooth connection established scanned disconnection

Green Red Scanner is on and ready to scan, Bar code is successfully decoded Transmission error or no power to scanner <u> Hands-Free (Presentation) Scanning</u> Off Green Off Momentarily Red No power to Scanner is ready Transmission error Bar code is successfully decoded to scan **Charging** Green - Solid Off Green - Slow Continuous Green - Fast Continuous Scanner is fully charged No power to Non-critical battery Scanner is charging temperature faul

TROUBLESHOOTING

for bar code type

Cradle lost connection to host

Scanner not working No power to scanner

Scanner not programmed for

correct host interface

Scan appropriate host

parameter bar codes

Low battery start-up

Wait for red LED to turn green

indicating scanner is charging

Check system power; battery may be discharged; charge scanner in cradle; check battery door is closed; ensure battery end cap is secured

LED indicates low battery start-up

host-connected interface Pair the scanner to

Scanner decoding bar code, but data not transmitting to host

Scanner not paired to Interface cable is loose

Cradle communication error

Scanner is disabled

Ensure that correct host

interface cable is used

Ensure all cable connections are secure

Inspect contacts; remove and reinsert scanner in cradle

Ensure scanner is programmed to read type of bar code being scanned

Scanner not programmed

Scanner not decoding bar code

In this order: disconnect power supply; disconnect host cable; wait three seconds; reconnect host cable; reconnect power supply; reestablish pairing

Bar code unreadable Distance between scanner

and bar code incorrect Ensure bar code is not defaced; try scanning test bar code of same Move scanner closer to bar code type or further from bar code

Scanned data incorrectly displayed on host

Scanner not programmed for correct host interface Scan appropriate host parameter bar codes

LED indicates battery temperature

Battery is above or below normal operating temperature

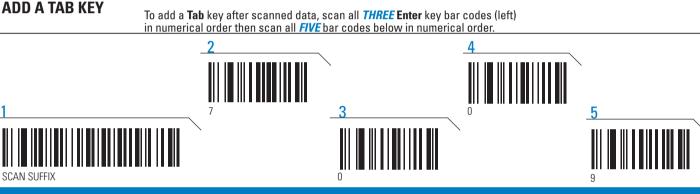
Do not use scanner; move scanner to location with normal operating temperature; refer to the *Product Reference Guide* for more information

HELPFUL BAR CODES









REGULATORY INFORMATION

Zebra reserves the right to make changes to any product to improve reliability, function, or design. Zebra does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein. No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Zebra products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Zebra products.

Power Supply

Use only approved power supply. The power supply shall be Listed to UL/CSA 60950-1 and certified to IEC60950-1 and EN60950-1 with SELV outputs. Use of alternative power supply will invalidate any approval given to this device and may be dangerous.

Warranty

For the complete Zebra hardware product warranty statement, go to: http://www.zebra.com/warranty

For Australia Only

This warranty is given by Zebra Technologies Asia Pacific Pte. Ltd., 71 Robinson Road, #05-02/03, Singapore 068895, Singapore. Our goods come with guarantees that cannot be excluded under the Australia Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Zebra Technologies Corporation Australia's limited warranty above is in addition to any rights and remedies you may have under the Australian Consumer Law. If you have any queries, please call Zebra Technologies Corporation at +65 6858 0722. You may also visit our website: http://www.zebra.com for the most updated warranty terms.

If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem

with the equipment, they will contact the Zebra Global Customer Support Center at: http://www.zebra.com/support. For the latest version of this guide go to: http://www.zebra.com/support.

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

Cestina: Pro zákazníky z EU: Všechny produkty je nutné po skoněení jejich životnosti vrátit spoleěnosti Zebra k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránoc: http://www.zebra.com/weee. Dansk: Til kunder i EU: Alle produkter skal returneres til Zebra til recirkulering, nár de er udtjent. Læs oplysningerne om returnering af produkter på: http://www.zebra.com/ weee. Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihre Lebensdauer zum Recycling an Zebra zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter http://www.zebra.com/weee. Αλληνικά: Τία πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειος ζωής τους, πρέπει να επιστρέφονται στην Ζεότα για σνακύλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διευθύνση http://www.zebra.com/weee στο Διαδίτειο.

Eesti: EL klientidele; kõik tooted tuleb nende eluea lõppedes tagastada Lestr: EL killerindeie: kolk todiet uilleb hende einde lopede stagdsklad taaskasutamise eesmärgil Zebra'ile. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://www.zebra.com/weee. Español: Para clientes en la Unión Europea: todos los productos deberár entregarse a Zebra al final de su ciclo de vida para que sean reciclados. Si des más información sobre cómo devolver un producto, visite: Français : Clients de l'Union Européenne : Tous les produits en fin de cycle de

Français : Cilentis or Union Europeanne : rous les productis en in de cycle vie doivent être retournés à Zebra pour recyclage. Pour de plus amples informations sur le retour de produits, consultaz : http://www.zebra.com/weee. Italiano: per i clienti dell'UE: tutt i prodotti che sono giunti al termine del rispettivo cido di vita devono essere restituit a Zebra al fine di consentime il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito ww.zebra.com/weee Latviešu: ES klientiem; visi produkti pēc to kalpošanas mūža beigām ir inogādā atpakaļ Zebra otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zehra Tūdzu, skatiet: http://www.zehra.com/weee

TURKISH WEEE Statement of Compliance

· Keep objects that are used frequently within easy reach

are available at the following website: http://www.zebra.com/support.

Zebra Technologies, could void the user's authority to operate the equipment

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

Health and Safety Recommendation

! Ergonomic Recommendations

to prevent employee injury.

· Maintain a natural position

Reduce or eliminate repetitive motion

Reduce or eliminate excessive force

Reduce or eliminate direct pressure

Provide a suitable working environment

Perform tasks at correct heights

Reduce or eliminate vibration

• Provide adjustable workstations • Provide adequate clearance

• Improve work procedures.

Magyar: Az EU-ban vásárlóknak: Minden tönkrement terméket a Zebra vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának nódjával kapcsolatos tudnivalókért látogasson el a http://www.zebra.com/weee Malti: Għal klijenti fl-UE; il-prodotti kollha li ikunu waslu fl-aħħar tal-ħajja ta' l-użu

staghhom, indu jiğu mitomati ghand Zebra ghar-rickilağığ. Ghal aklar taghrif dwar kif ghandke tirritorna I-prodott, jekk joghgbok zur. http://www.zebra.com/weee.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg http://www.zebra.com/weee voor meer informatie over het terugzenden van Polski: Klienci z obszaru Unii Europeiskiei; Produkty wycofane z eksploataci

ależy zwróciæ do firmy Zebra w celu ich utylizacii. Informacie na temat zwrotu Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Zebra para reciclagem. Para obter informações sobre como devolve o produto, visite: http://www.zebra.com/weee. Românesc: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de functionare, trebuie returnate la Zebra pentru reciclare, Pentru informatii despre eturnarea produsului, accesati; http://www.zebra.com/v Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Zebra na recykláciu. Bližšie informácie o

átení výrobkov nájdete na; http://www.zebra.com/w Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življeniske dobe vrniti podjetju Zebra za reciklažo. Za informacije o vračilu izdelka obiščil Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Zebra-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteer

Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Zebra för återvinning. Information om hur du returnerar produkten finns på http://www.zebra.com/weee. Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüştürme için Zebra'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen su adresi zivaret edin; http://www.zebra.com/weee

Bluetooth® Wireless Technology

This is an approved Bluetooth® product. For more information or to view End Product Listing, please visit https://www.bluetooth.org/tpg/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: United States, Canada, Japan, China, S. Korea, Australia, and Europe 1,2. Please refer to the Declaration of Conformity (DoC) for details of other country markings. This is available at

http://www.zebra.com/doc. Note1: For 2.4GHz or 5GHz Products: Europe includes, Austria, Belgium, Bulgaria, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia,

Spain, Sweden, Switzerland and the United Kingdom. Note 2: The use of RFID Devices have varying restrictions of use; please refer to the Zebra Declaration of Conformity (DoC) for details.

lpha Operation of the device without regulatory approval is illegal. Frequency of Operation – FCC and IC

2.4 GHz Only The available channels for 802.11 b/g operation in the US are Channels 1 to 11. The range of channels

is limited by firmware.

Warnings for Use of Wireless Devices

Please observe all warning notices with regard to the usage of wireless devices. Safety in Aircraft Switch off your wireless device whenever you are instructed to do so by airport or airline staff. If you

device offers a 'flight mode' or similar feature, consult airline staff as to its use in flight.

Safety in Hospitals

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

Pacemakers Pacemaker manufacturers recommended that a minimum of 15cm (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 not carry the device in a breast pocket. • Should use the ear furthest from the pacemaker to minimise the potential for inter-ference.

• Should ALWAYS keep the device more than 15cm (6 inches) from their pacemaker when turned ON.

• 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.

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 http://www.zebra.com/doc.

LED Devices Complies with IEC/EN60825-1:2001 & EN 62471: 2008 and IEC62471: 2006 Class 1 LED output.

LED Output - this device contains two LEDs for illumination and aiming. Aim/Illumination

Optical Output: 0.87mW Pulse Duration: Continuous

Emitted Wavelength: 590-650nm

Viewing the LED output with certain optical instruments (for example, eye loupes, magnifiers and microscopes) may pose an eye hazard. Caution: Use of controls or adjustments or performance of procedures other than those

specified herein may result in hazardous LED light exposure.

Statement of Compliance Zebra hereby, declares that this device is in compliance with the essential requirements and other relevant provisions of Directives 1995/5/EC and 2011/65/EU. Declaration of Conformities may be obtained from http://www.zebra.com/doc

Batteries Taiwan - Recycling

级 廢電池請回收

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** Zebra 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 batteries is 30 days, regardless if the battery was purchased separately or included as part of the mobile computer or bat

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 Global Customer Support Center.

 For devices that utilize a USB port as a charging source, the device shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program

• 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

• 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

Radio Frequency Interference Requirements -FCC Note: This equipment has been tested and found to comply with the

Tested to comply with FCC Standards FOR HOME OR OFFICE USE

limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will

not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures Reorient or relocate the receiving antenna Increase the separation between the equipment and receiver

. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Consult the dealer or an experienced radio/TV technician for help.

Radio Transmitters (Part 15) 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

Radio Frequency Interference Requirements - Canada

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. **Radio Transmitters**

This device complies with RSS 210 of Industry Canada. 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. Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes:

(1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable. Label Marking: The Term "IC:" before the radio certification only signifies that Industry Canada

Marking and European Economic Area (EEA)

Bluetooth® Wireless Technology for use through the EEA has the following restrictions: • Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835 GHz

Other Countries

Declarações Regulamentares para LI4278 NOTA: A marca de certificação se aplica ao Equip, de Radiação Restrita, modelo L14278.

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário." Para majores consultas sobre ANATEL consulte o site: www.anatel.gov.br. Mexico Restrict Frequency Range to: 2.450 - 2.4835 GHz.

For a radio equipment using 2400~2483.5MHz or 5725~5825MHz, the following two expressions should be displayed:

당해 무선설비는 운용 중 전파혼신 가능성이 있음 당해 무선설비 는전파혼 신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

Ukraine This equipment corresponds to requirements of the Technical Regulation No. 1057, 2008 on restrictions as to the use of some dangerous substances in electric and electronic devices.

Taiwar 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。

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。

この装置は、情報処理装置等電波障害自主規制協議会(VCCI)の基準に基づくクラス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。

Japan (VCCI) - Voluntary Control Council for Interference

Korea Warning Statement for Class B ITE 사용자안내문 이 기기는 가정용(B급)으로 전자파적합등록을 B급 기기 (가정용 방송통신기기) 한 기기로서 주로 가정에서 사용하는 것을 목적 으로 하며, 모든 지역에서 사용할 수 있습니다.

ZEBRA Zebra Technologies Corporation

Lincolnshire, IL U.S.A.

Zebra and the Zebra head graphic are registered trademarks of ZIH Corp. The Symbol logo is a registered trademark of Symbol Technologies, Inc., a Zebra

Technologies company. © 2015 Symbol Technologies, Inc



LI4278 LINEAR IMAGER

This guide applies to Model Number: L14278. All Zebra devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required. Local language translations

Any changes or modifications to Zebra Technologies equipment, not expressly approved by