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http://www.zebra.com

Zebra Technologies Corporation  
Lincolnshire, IL U.S.A.



http://www.zebra.com/support

For the latest version of this guide, go to:

please contact that business partner for support.

If you purchased your Zebra business product from a Zebra business partner,

warranty.

shipping container is not used. Shipping the units improperly can possibly void the

Zebra is not responsible for any damages incurred during shipment if the approved

need to return your equipment for servicing and will be given specific directions.

service agreements. If your problem cannot be solved by Zebra Support, you may

Zebra responds to calls by e-mail, telephone or fax within the time limits set forth in

- Serial number of the unit
- Model number or product name
- Software type and version number

When contacting Zebra support, please have the following information available:

For contact information, go to: <http://www.zebra.com/support>.

If you have a problem with your equipment, contact Zebra support for your region.

### Service Information



### Laser Devices

Class 1 Laser devices are not considered to be hazardous when used for their intended purpose.

Laser Warning Label -Class 1

CLASS 1 LASER PRODUCT  
LASER KLASSE 1  
APPAREIL A LASER DE CLASSE 1

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

The following statement is required to comply with US and international regulations.

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

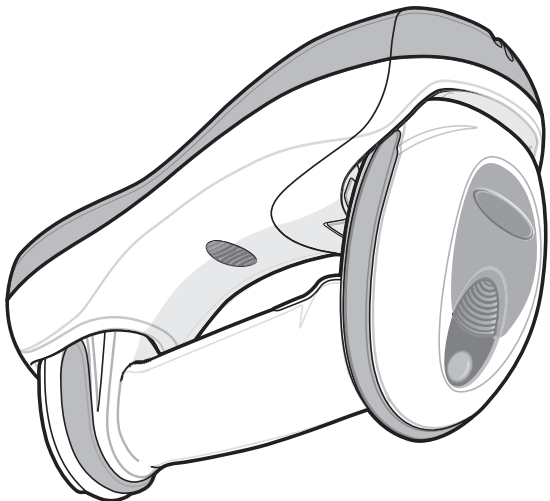
Scanner Labeling

Labels Read:

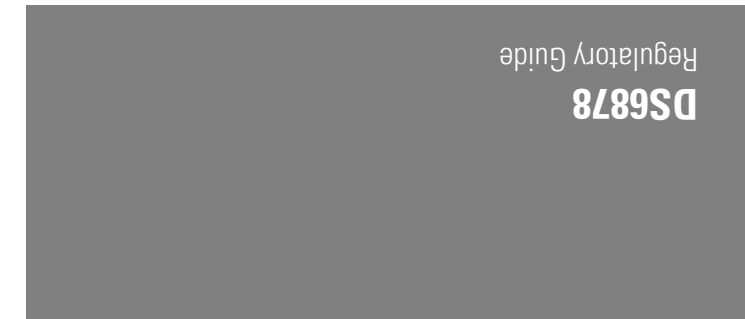
1. Laser Light - do not stare into beam Class 2 Laser product.

2. Caution - Class 3R laser light when open. Avoid direct eye exposure.

3. Complies with 21 CFR1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007, and IEC 60825-1 (Ed.2.0), EN 60825-1:2007 and/ or IEC/EN 60825-1:2014.



Regulatory Guide  
DS6878



### Persons with Pacemakers:

- Should ALWAYS keep the device more than 15cm (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 minimise 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.



### FCC / EU 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 <http://www.zebra.com/doc>.

#### Handheld Devices

To comply with FCC RF and EU RF exposure requirements, this device must be operated in the hand with a minimum separation distance of 20cm or more from a person's body. Other operating configurations should be avoided.

the most updated warranty terms.

+65 6858 0722. You may also visit our website: <http://www.zebra.com> for

you have any queries, please call Zebra Technologies Corporation at

to any rights and remedies you may have under the Australian Consumer Law. If

Zebra Technologies Corporation Australia's limited warranty above is in addition

failure does not amount to a major failure.

goods repaired or replaced if the goods fail to be of acceptable quality and the

other reasonably foreseeable loss or damage. You are also entitled to have the

entitled to a replacement or refund for a major failure and compensation for any

guarantees that cannot be excluded under the Australia Consumer Law. You are

Road, #05-02/03, Singapore 068895, Singapore. Our goods come with

This warranty is given by Zebra Technologies Asia Pacific Pte. Ltd., 71 Robinson

### For Australia Only

<http://www.zebra.com/warranty>.

For the complete Zebra hardware product warranty statement, go to:

### Warranty

<http://www.zebra.com>

Lincolnshire, IL U.S.A.

Zebra Technologies Corporation

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trademarks or registered trademarks of their respective companies and are

Technologies company. Other product names mentioned in this manual may be

Symbol logo is a registered trademark of Symbol Technologies, Inc., a Zebra

Zebra and the Zebra head graphic are registered trademarks of ZIH Corp. The

for complete copyright, conditions and disclaimer information.

Software, and Publicly Available Software. Refer to the Product Reference Guide

This Zebra product may include Zebra Software, Commercial Third Party

contained in Zebra products.

be used. An implied license exists only for equipment, circuits, and subsystems

under any patent right or patent, covering or relating to any combination, system,

apparatus, machine, material, method, or process in which Zebra products might

No license is granted, either expressly or by implication, estoppel, or otherwise

the application or use of any product, circuit, or application described herein.

Zebra does not assume any product liability arising out of, or in connection with,

function, or design.

Zebra reserves the right to make changes to any product to improve reliability,

© 2015 Symbol Technologies, Inc.



### Warnings for Use of Wireless Devices

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

### Potentially Hazardous Atmospheres - Vehicle 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 other areas where you would normally be advised to run off your vehicle engine.

### Potentially Hazardous Atmospheres - Fixed Installations

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).

### 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.



### 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 health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

### 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.

- Improve work procedures.

- Provide a suitable working environment.

- Provide adequate clearance.

- Provide adjustable workstations.

- Reduce or eliminate direct pressure.

- Reduce or eliminate vibration.

- Perform tasks at correct heights.

- Keep objects that are used frequently within easy reach.

- Reduce or eliminate excessive force.

- Maintain a natural position.

- Reduce or eliminate repetitive motion.

employee injury.

the recommendations below. Consult with your local Health & Safety Manager to

ensure that you are adhering to your company's safety programs to prevent

Caution: In order to avoid or minimize the potential risk of ergonomic injury follow



### Health and Safety Recommendations

#### Ergonomic Recommendations

### Regulatory Information

This guide applies to the following Model Number: DS6878. All Zebra devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

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

could void the user's authority to operate the equipment.

Local language translations are available at the following web site:

<http://www.zebra.com/support>.



**CAUTION** Only use Zebra approved and UL Listed accessories, battery packs and battery chargers.

### Bluetooth® Wireless Technology

This is an approved Bluetooth® product. For more information or to view End Product Listing, visit the following Web site: <http://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<sup>1</sup>.

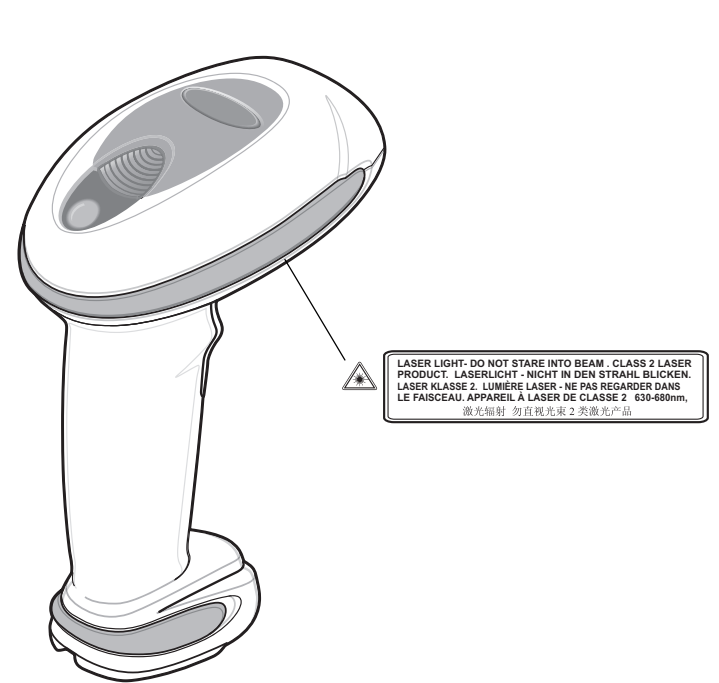
Please refer to the Zebra Declaration of Conformity (DoC) for details of other country markings. This is available at the following Web site: <http://www.zebra.com/doc>.

Note 1: For 2.4GHz 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.



Operation of the device without regulatory approval is illegal.

## Scanner Labeling



### Batteries

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.

### 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.
- 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 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 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.
- If you suspect damage to your equipment or battery, contact Zebra support to arrange for inspection.

#### 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.

#### Radio Frequency Interference Requirements-FCC



Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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 undesired operation.

#### 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

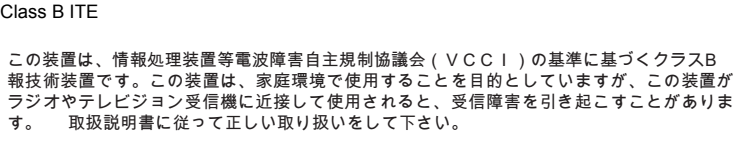
This device complies with RSS 210 of Industry & Science Canada. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Label Marking: The term "IC:" before the radio certification only signifies that Industry Canada technical specifications were met.

## CE Marking and European Economic Area (EEA)

#### Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with Directive 2011/65/EU and 1999/5/EC or 2014/53/EU (2014/53/EU supersedes 1999/5/EC from 13th June 2017). The full text of the EU Declaration of Conformity is available at the following internet address: http://www.zebra.com/doc

## Japan (VCCI) - Voluntary Control Council for Interference



This is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

#### Korean Warning Statement for Class B ITE

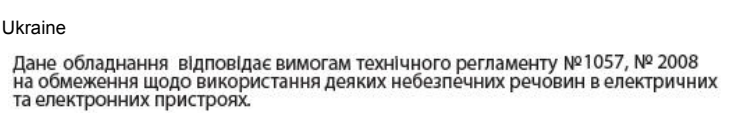
기종별	사용자안내문
B 급 기기 ( 가정용 방송통신기기 )	이 기기는 가정용 (B 급) 으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며 , 모든 지역에서 사용할 수 있습니다 .

#### Other Countries

Brasil: Declarações Regulamentares para DS6878

Nota: A marca de certificação se aplica ao Transceptor, modelo DS6878. 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 maiores informações sobre ANATEL consulte o site: www.anatel.gov.br



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

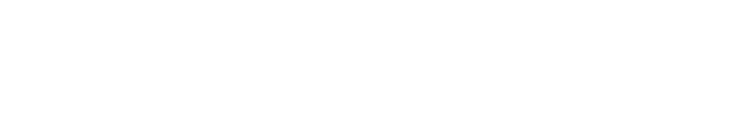
Mexico: Restrict Frequency Range to: 2.450 - 2.4835 GHz.

#### Korean

당해 무선설비는 운용 중 전파혼신 가능성이 있음



당해 무선설비는 논전파혼 신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.



당해 무선설비는 논전파혼 신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.



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，應立即停止使用，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。

#### Eurasian Customs Union

Евразийский Таможенный Союз

Данный продукт соответствует требованиям знака ЕАС.

## EAC

## 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 ползения им живот всички продукти трябва да се връщат на Zebra за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: http://www.zebra.com/weee.

**Čeština:** Pro zákaznky z EU: Všechny produkty je nutné po skoněení jejich životnosti vrátit společnosti Zebra k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: http://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: http://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 http://www.zebra.com/weee.

**Eesti:** EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Zebra'le. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://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: http://www.zebra.com/weee.

**Ελληνικά:** Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Zebra για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση http://www.zebra.com/weee στο Διαδίκτυο.

**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 : http://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 consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: http://www.zebra.com/weee.

**Lietuvių:** ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti gražinti utilizuoti į kompaniją „Zebra“. Daugiau informacijos, kaip gražinti gaminį, rasite: http://www.zebra.com/weee.

**Latviešu:** ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Zebra otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zebra, lūdzu, skatiet: http://www.zebra.com/weee.

**Magyar:** Az EU-ban vásárlóknak: Minden tönkrement termékét a Zebra vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókrét látogasson el a http://www.zebra.com/weee weboldalra.



**Malti:** Ghal klijenti fl-UE: il-prodotti kollha li jkunu waslu fl-aħħar tal-hajja ta' l-użu tagħhom, iridu jiġu rritornati għand Zebra għar-riċiklaġġ. Għal aktar taġhrif dwar kif għandek tirritorna l-prodott, jekk jogħġbok żur: 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 producten.

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

**Românesc:** Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Zebra pentru reciclare. Pentru informații despre returnarea produsului, accesați: http://www.zebra.com/weee.

**Slovenski:** Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklažo. Za informacije o vračilu izdelka obišèite: http://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 http://www.zebra.com/weee.

**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 dönüşürme için Zebra'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: http://www.zebra.com/weee.

**Hrvatski:** Za kupce u Europskoj uniji: Svi se proizvodi po isteku vijeka trajanja moraju vratiti tvrtki Zebra na recikliranje. Informacije o načinu vraćanja proizvoda potražite na web-stranici: www.zebra.com/weee.