



## Leitor Zebra LS1203

O leitor de mão LS1203 da Symbol Technologies oferece tecnologia de leitura a laser de alta qualidade, design ergonômico, facilidade de gerenciamento e grande durabilidade e um preço muito igual.

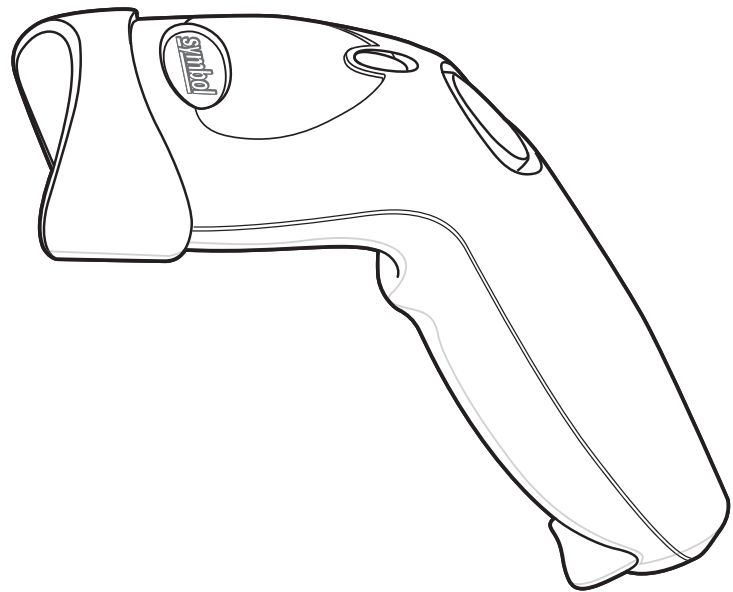
# LS1203

## Quick Start Guide



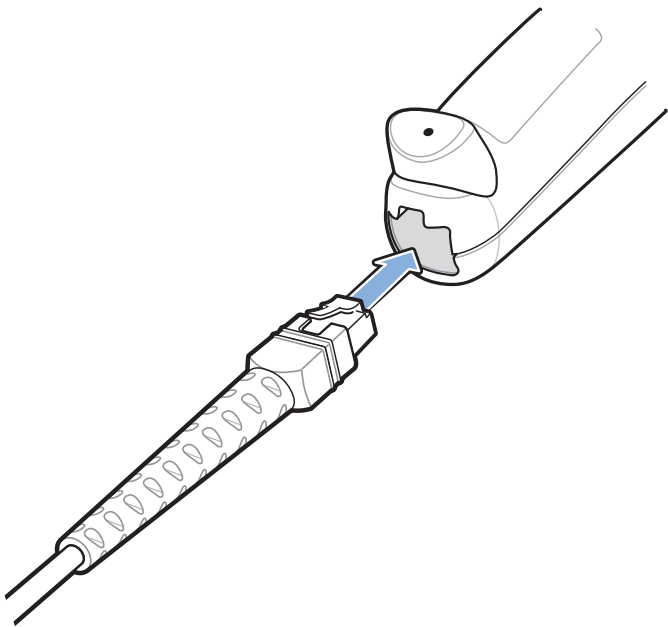
<http://www.motorola.com/ls1203>

### STEP 1 - ATTACH CABLE TO SCANNER

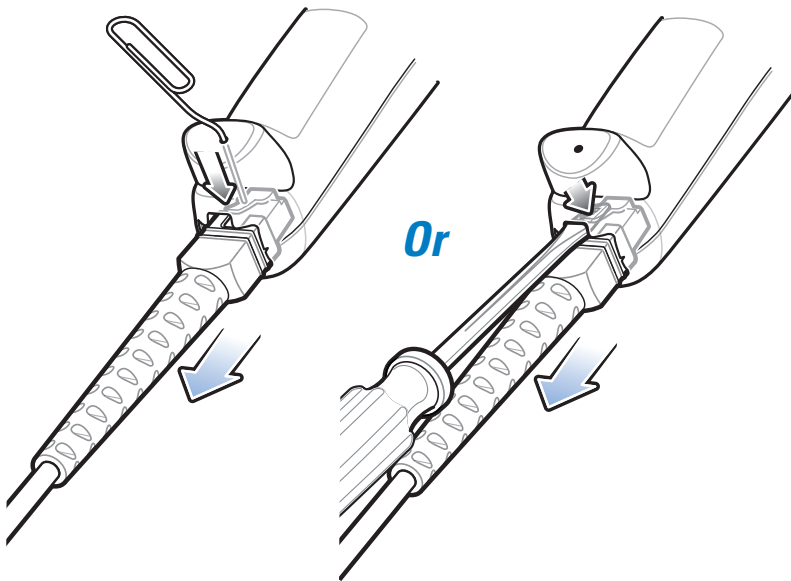


See Product Reference Guide for detailed information

#### Attach Cable



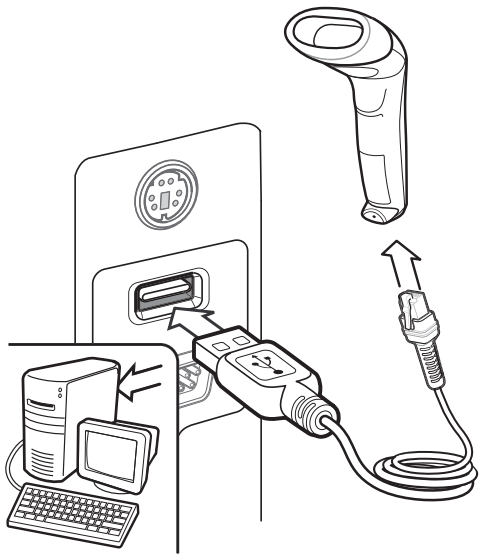
#### Remove Cable (to change interface)



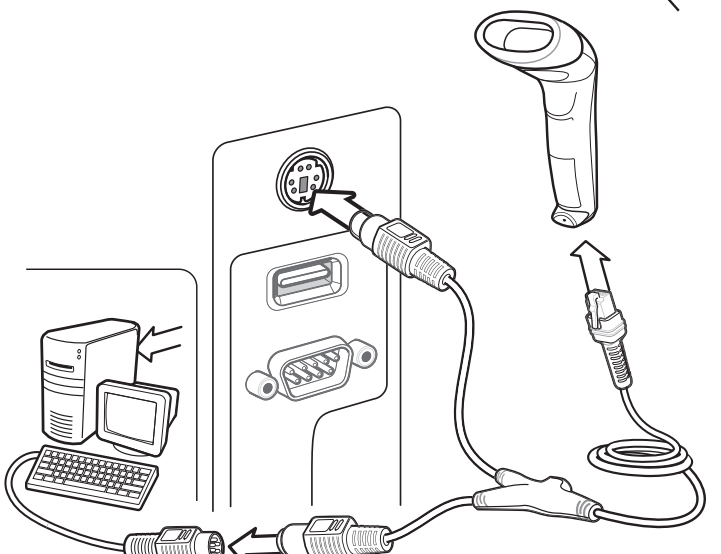
### STEP 2 -CONNECT CABLE TO A HOST

NOTE: Cables may vary depending on configuration.

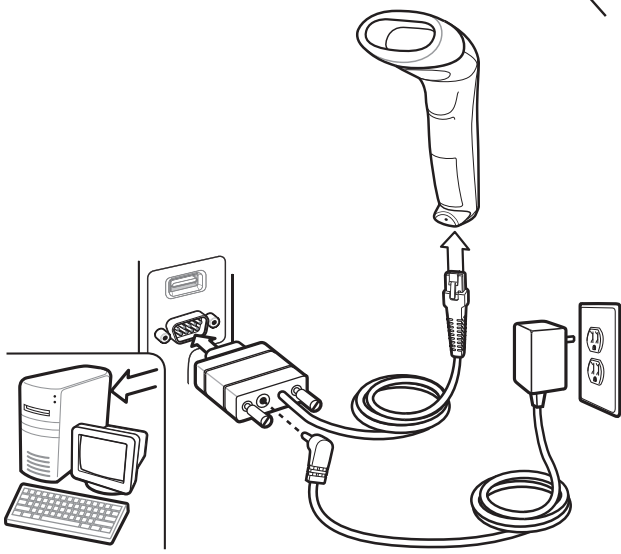
#### USB



#### Keyboard Wedge



#### RS-232



### STEP 3 - SET UP INTERFACE (Scan Host Bar Codes)

Important: Out of box, Keyboard Wedge and USB interfaces require no bar code scan setup. Bar codes are provided for complex programming or interface changes.

#### USB

Scan **ONE** of the bar codes below



IBM HAND-HELD USB



HID KEYBOARD EMULATION

#### Keyboard Wedge

Scan **ONE** of the bar codes below



IBM AT Notebook



IBM PC/AT and IBM PC COMPATIBLE

#### RS-232

Scan **ONE** of the bar codes below



OPOS/JPOS



STANDARD RS-232

### ADD AN ENTER KEY (CARRIAGE RETURN/LINE FEED)

Adding an **Enter** Key after scanned data; Scan all **THREE** bar codes in numerical order.

1



SCAN OPTIONS

2



<DATA><SUFFIX>

3



ENTER

### ADD A TAB KEY

To add a **Tab** key after scanned data, scan all **THREE** Enter key bar codes above in numerical order then scan all **FIVE** bar codes below in numerical order.

1



SCAN SUFFIX

2



7

3



0

4



0

5



9

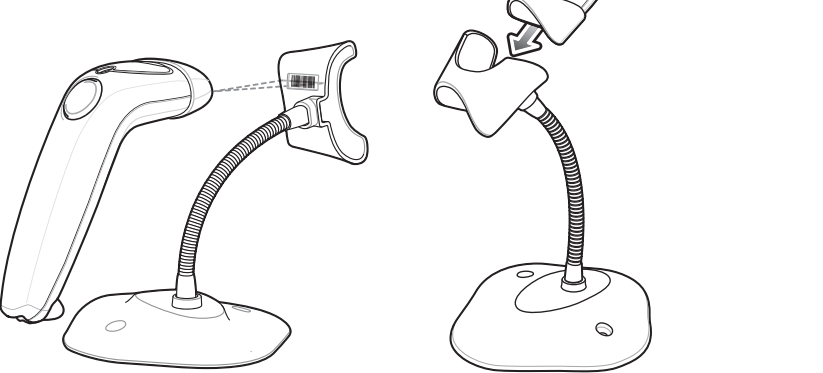
## HANDS FREE STAND

## OPTIMUM SCANNING

## SET DEFAULTS

## 123SCAN<sup>2</sup>

Toggle Triggered Mode and Autoscanner Mode



Return to Factory Defaults



SET DEFAULTS



123Scan<sup>2</sup> is an easy-to-use, PC-based software tool that enables rapid and easy customized setup via a bar code or USB cable. For more information, visit: <http://www.motorola.com/123Scan<sup>2</sup>>.

## SCANNER INDICATIONS

### LED Indications

<b>Off</b>	<b>Green</b>	<b>Red</b>
Scanner is on and ready to scan, or no power to scanner	Bar code is successfully decoded	Transmission error

### Beeper Indications

<b>Standard Use</b>	<b>Low/medium/high beep</b>	<b>Short medium beep</b>	<b>4 long low beeps</b>
	Power up	Bar code decoded	Transmission error detected, data is ignored
<b>Parameter Menu Scanning</b>	<b>High/low/high/low beep</b>	<b>High/low beep</b>	<b>Low/High beep</b>
	Successful parameter setting	Correct programming sequence performed	Incorrect programming sequence or 'Cancel' bar code scanned

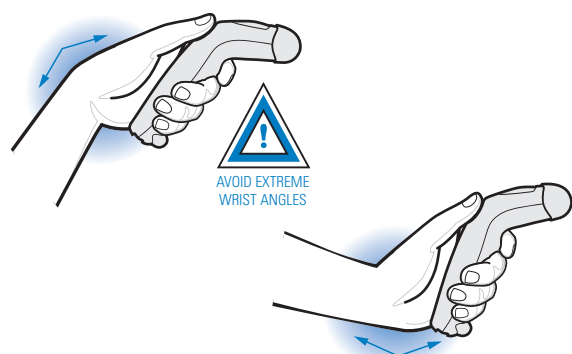
### Troubleshooting

<b>Scanner not working</b>	<b>Scanner decoding bar code, but data not transmitting to host</b>
<b>No power to scanner</b> Check system power; ensure power supply, if required, is connected	<b>Incorrect interface cable used</b> Ensure that correct interface cable is used
	<b>Interface/power cables are loose</b> Ensure all cable connections are secure
<b>Scanner not programmed for correct host interface</b> Scan appropriate host parameter bar codes	<b>Interface cable is loose</b> Ensure all cable connections are secure

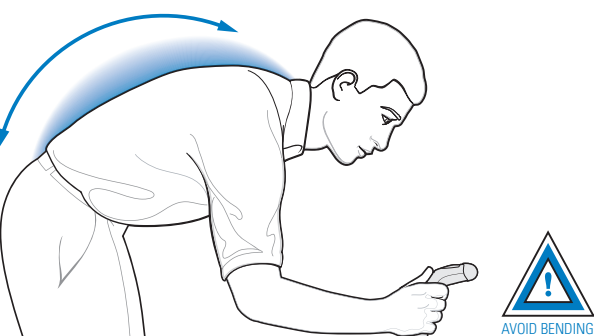
<b>Scanned data incorrectly displayed on host</b> Scanner not programmed for correct host interface Scan appropriate host parameter bar codes	<b>Scanner not decoding bar code</b>
	<b>Scanner not programmed for bar code type</b> Ensure scanner is programmed to read type of bar code being scanned
	<b>Bar code unreadable</b> Ensure bar code not defaced; try scanning test bar code of same bar code type
	<b>Distance between scanner and bar code incorrect</b> Move scanner closer to or further from bar code

## RECOMMENDED USAGE GUIDE - OPTIMUM BODY POSTURE

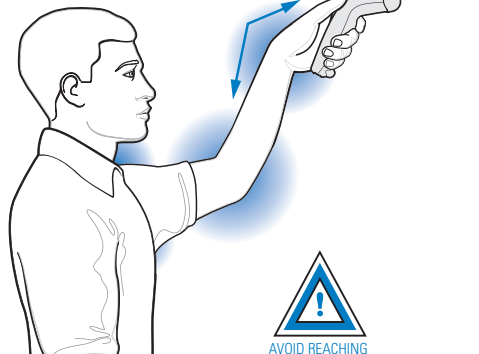
### Avoid Extreme Wrist Angles



### Avoid Bending



### Avoid Reaching



### 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.

## REGULATORY INFORMATION

© MOTOROLA SOLUTIONS, INC. 2012 All rights reserved. Motorola reserves the right to make changes to any product to improve reliability, function, or design. Motorola 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 Motorola products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Motorola products.

### Warranty

For the complete Motorola hardware product warranty statement, go to: <http://www.motorolasolutions.com/warranty>.

### Service Information

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 Motorola Solutions Global Support at: <http://www.motorolasolutions.com/support>.

For the latest version of this guide go to: <http://www.motorolasolutions.com/support>.

### Waste Electrical and Electronic Equipment (WEEE)

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

**Български:** За всички от ЕС: Всички уреди на края на своя живот трябва да се върнат на Motorola за рециклиране. За информация относно връщането на продукта, моля, посетете: <http://www.motorola.com/recycling/weee>.

**Catalan:** Per als clients de l'Ei: Vostres productes ja no poden ser considerats jocs de sortidors vells. S'ha de tornar a Motorola per reciclar-los. Informació sobre el reciclatge de productes Motorola vegeu a: <http://www.motorola.com/recycling/weee>.

**Dansk:** Til kunder i EU: Alle produkter skal returneres til Motorola til genanvendelse, når de er udført. Læs oplysningerne om returlægning af produkter på: <http://www.motorola.com/recycling/weee>.

**Deutsch:** Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgeschickt werden. Informationen zum Rücksenden von Produkten finden Sie unter: <http://www.motorola.com/recycling/weee>.

**Eesti:** Kõik tooted, mis on kasutusel, tuleb tagastada tootjale vastavalt Euroopa Liidu direktiividele. Lisateave tootjate kohta leiate aadressil: <http://www.motorola.com/recycling/weee>.

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

**French:** Clients de l'Europe: Tous les produits en fin de vie doivent être retournés à Motorola pour recyclage. Pour de plus amples informations sur la façon de procéder, consultez: <http://www.motorola.com/recycling/weee>.

**German:** Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgeschickt werden. Informationen zum Rücksenden von Produkten finden Sie unter: <http://www.motorola.com/recycling/weee>.

**Hebrew:** כל המוצרים של Motorola חייבים להישלח למחזוריות. למידע נוסף על חזרת המוצרים, אנא פנו אל: <http://www.motorola.com/recycling/weee>.

**Italian:** Per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentire il riciclaggio. Per informazioni sulla modalità di restituzione, visitate l'indirizzo sito Web: <http://www.motorola.com/recycling/weee>.

**Japanese:** EU 圏のお客様へ: 製品は使用終了後、必ず当社へ返却してください。返却方法の詳細は、<http://www.motorola.com/recycling/weee>をご覧ください。

**Korean:** EU 지역 고객님들께: 모든 제품은 사용이 끝난 후 반드시 저희 회사로 돌려보내주세요. 자세한 정보는 <http://www.motorola.com/recycling/weee>에서 확인하십시오.

**Polish:** Dla klientów z UE: Wszystkie produkty po zakończeniu ich żywotności należy zwrócić do Motorolę do recyklingu. Informacje o sposobie zwrócenia produktów znajdują się na stronie internetowej: <http://www.motorola.com/recycling/weee>.

**Portuguese:** Para clientes da UE: Todos os produtos no fim de vida devem ser devolvidos à Motorola para reciclagem. Para obter informações sobre como devolver o produto, visite: <http://www.motorola.com/recycling/weee>.

**Russian:** Для клиентов из ЕС: Все продукты должны быть возвращены в Motorola для переработки. Для получения информации о том, как вернуть продукт, пожалуйста, посетите: <http://www.motorola.com/recycling/weee>.

**Spanish:** Para clientes de la Unión Europea: Todos los productos deberán entregarse a Motorola al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver su producto, visite: <http://www.motorola.com/recycling/weee>.

**Swedish:** För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Motorola för återvinning. Information om hur du skickar tillbaka dina produkter finns på: <http://www.motorola.com/recycling/weee>.

**Turkish:** EU müşterileri için: Tüm ürünler kullanımdan çıktıktan sonra mutlaka şirketimize geri döndürülmelidir. Ürünleri nasıl teslim edeceğinize ilişkin ayrıntılı bilgi için lütfen şu adresi ziyaret edin: <http://www.motorola.com/recycling/weee>.

**Ukrainian:** Для клієнтів з ЄС: Всі продукти повинні бути повернуті до Motorola для переробки. Для отримання інформації про те, як повернути продукт, будь ласка, відвідайте: <http://www.motorola.com/recycling/weee>.

**Vietnamese:** Đối với khách hàng ở EU: Tất cả các sản phẩm khi hết hạn sử dụng phải được trả lại Motorola để tái chế. Để biết thêm thông tin về cách trả lại sản phẩm, vui lòng truy cập: <http://www.motorola.com/recycling/weee>.

**Yiddish:** פאר אונזערע ע.א.פ. קאסטומערס: אלע פראדוקטן און אפערעטערס זאלן זיין צוריקגעגעבן צו מוטאראל פאר רעקלענג. פאר מער אינפארמאציע, גיט אן: <http://www.motorola.com/recycling/weee>.

### Laser Labels

In accordance with Clause 5, IEC 825 and EN60825, the following information is provided to the user:

<b>ENGLISH</b> CLASS 1 CLASS 2	CLASS 1 LASER PRODUCT LASER LIGHT DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT	<b>HEBREW</b> מוצר לייזר רמה 1 מוצר לייזר רמה 2 אזהרה: אל תבזיזו ישירות אל העין אל תבזיזו ישירות אל העין
<b>DANISH / DANSK</b> KLASSE 1 KLASSE 2	KLASSE 1 LASERPRODUKT LASERLYF SE IKKE IND I STRÅLEN KLASSE 2 LASERPRODUKT	<b>ITALIAN / ITALIANO</b> CLASSE 1 CLASSE 2 PRODOTTO AL LASER DI CLASSE 1 LUCE LASER NON FISSARE IL RAGGIO/PRODOTTO AL LASER DI CLASSE 2
<b>DUTCH / NEDERLANDS</b> KLASSE 1 KLASSE 2	KLASSE-1 LASERPRODUKT LASERLICHT NIET IN STRAAL STAREN KLASSE-2 LASERPRODUKT	<b>NORWEGIAN / NORSK</b> KLASSE 1 KLASSE 2 LASERPRODUKT, KLASSE 1 LASERLYS IKKE STIRR INN ILYSSTRÅLEN LASERPRODUKT, KLASSE 2
<b>FINNISH / SUOMI</b> LUOKKA 1 LUOKKA 2	LUOKKA 1 LASERTUOTE LASERVALO ÄLÄ TUJUTUA SÄDETTÄ LUOKKA 2 LASERTUOTE	<b>PORTUGUESE / PORTUGUÊS</b> CLASSE 1 CLASSE 2 PRODUTO LASER DA CLASSE 1 LUZ DE LASER NÃO FIXAR O RAIÃO LUMINOSO PRODUTO LASER DA CLASSE 2
<b>FRENCH / FRANÇAIS</b> CLASSE 1 CLASSE 2	PRODUIT LASER DE CLASSE 1 LUMIÈRE LASER NE PAS REGARDER LE RAYON/FXEMENT PRODUIT LASER DE CLASSE 2	<b>SPANISH / ESPAÑOL</b> CLASE 1 CLASE 2 PRODUCTO LASER DE LA CLASE 1 LUZ LASER NO MIRE FIJAMENTE EL HAZ PRODUCTO LASER DE LA CLASE 2
<b>GERMAN / DEUTSCH</b> KLASSE 1 KLASSE 2	LASERPRODUKT DER KLASSE 1 LASERSTRAHLEN NICHT DIREKT IN DEN LASERSTRAHL SCHAUEN LASERPRODUKT DER KLASSE 2	<b>SWEDISH / SVENSKA</b> KLASS 1 KLASS 2 LASERPRODUKT KLASS 1 LASERLJUS STIRRA INTE MOT STRÅLEN LASERPRODUKT KLASS 2
<b>JAPANESE / 日本語</b> 第1種 第2種	第1種レーザー製品 レーザー光線 光線を見つめないでください 第2種レーザー製品	<b>CHINESE / 简体中文</b> 1 类 2 类 1 类激光产品 激光切勿注视光束 2 类激光产品
		<b>KOREAN / 한국어</b> 1 등급 2 등급 1 등급 레이저 제품 레이저 광선 이 광선을 주시하지 마십시오. 2 등급 레이저 광선

### Regulatory Information

This device is approved under the Symbol Technologies, Inc. brand: Symbol Technologies is a wholly owned subsidiary of Motorola Solutions, Inc. (collectively "Motorola"). This guide applies to Model Number LS1203. All Motorola devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

Local language translations are available at the following website: <http://www.motorolasolutions.com/support>. Any changes or modifications to Motorola equipment, not expressly approved by Motorola, could void the user's authority to operate the equipment. Antenna's, use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could cause damage and may violate regulations.



### Laser Devices

Motorola products using lasers comply with US 21CFR1040.10 and 1040.11 except for deviations pursuant to laser notice no. 50, dated June 24, 2007 and IEC 60825-1 (Ed. 2.0), EN60825-1:2007. The laser classification is marked on one of the labels on the product. Class 1

Laser devices are not considered to be hazardous when used for their intended purpose. The following statement is required to comply with US and international regulations: **Caution: Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.**

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.

### Radio Frequency Interference Requirements

**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 residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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 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.

### Marking and European Economic Area (EEA)

### Statement of Compliance

Motorola hereby declares that this device is in compliance with all the applicable Directives, 2004/108/EC, 2006/95/EC and 2011/65/EU. A Declaration of Conformity may be obtained from <http://www.motorolasolutions.com/doc>.

### Warranty for Australia Only

This warranty is given by Motorola Solutions Australia Pty Limited (ABN16 004 742 312) of Tally Ho Business Park, 10 Wesley Court, Burwood East, Victoria. Our goods come with guarantees that cannot be excluded under the Australian 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. Motorola Solutions 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 Motorola Solutions Australia at 1800 457 439. You may also visit our website: [http://www.motorola.com/Business/XA-EN/Pages/Contact\\_Us](http://www.motorola.com/Business/XA-EN/Pages/Contact_Us) for the most updated warranty terms.

### Ukraine

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



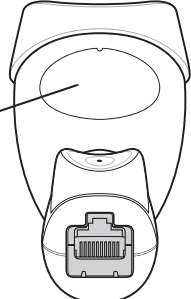
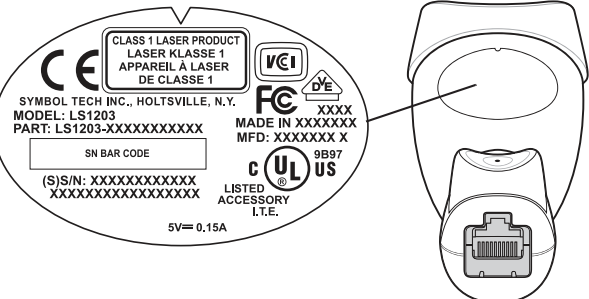
**MOTOROLA**

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LS1203

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