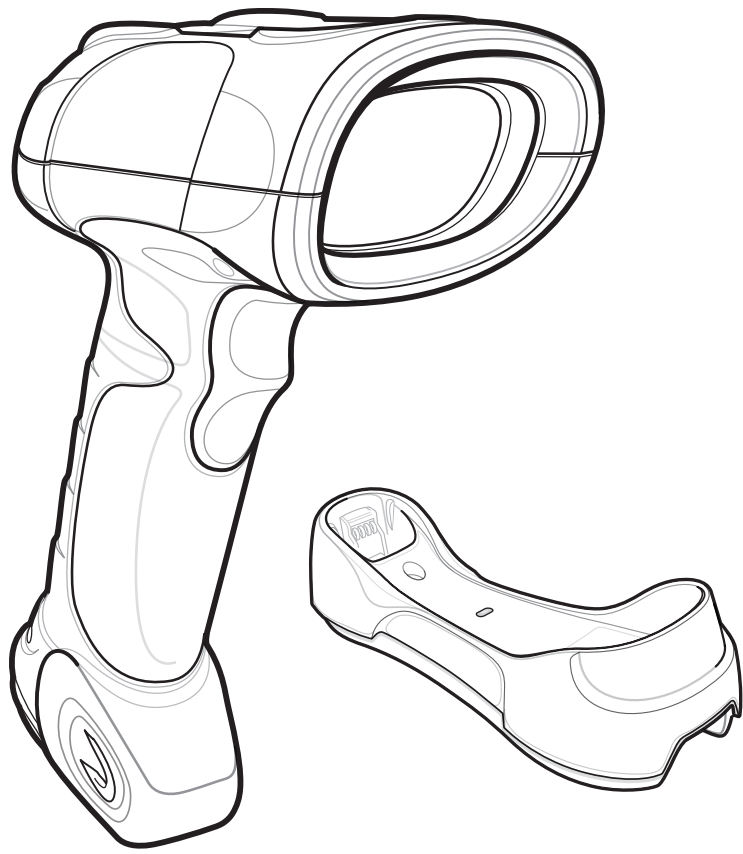


See Product Reference Guide for more information



Caution: Symbol LS3478 cordless scanners are incompatible with Symbol STB3508/3578 cradles. Symbol LS3578 cordless scanners are incompatible with Symbol STB3408/3478 cradles.

The diagram consists of four numbered steps illustrating the process of opening the front cover:

- 1**: A blue arrow indicates the front cover is being rotated upwards.
- 2**: A blue arrow indicates the front cover is being pushed down.
- 3**: A blue arrow indicates the front cover is being pushed forward.
- 4**: A blue arrow indicates the front cover is being rotated downwards.

Below the first and fourth steps, the text "Or use coin" is written, indicating an alternative method for these steps.

NOTE: Cables may vary depending on configuration. When using an external power supply, insert the cable into the cradle first, then insert host cable. Connect power last.

The diagram illustrates the internal wiring of a USB cable. The top part shows a close-up of the USB connector with four pins: a blue pin for data, a white pin for data, a green pin for power, and a black pin for ground. Blue lines represent the data lines, and green lines represent the power lines. Labels 'Power' and 'Host' point to the respective lines. The bottom part shows a cross-section of the cable jacket with blue lines representing the data lines and green lines representing the power lines, with arrows indicating the direction of signal flow.

Please refer to the Symbol LS3578 Product Reference Guide Troubleshooting section for further information.

No power to scanner

Check battery

End cap not secured correctly

Turn end cap to secure

*Scanner not programmed
for bar code type*

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

Ensure bar code is not defaced;
try scanning test bar code of same
bar code type

```

graph TD
    A[Scanner not paired to host-connected cradle] --> B[Pair the scanner to the cradle (using the PAIR bar code on the cradle)]
    C[Cradle not programmed for correct host interface] --> D[Check scanner host parameters or edit options]
    E[Interface cable is loose] --> F[Check for loose cable connections]
    B --> G[If data is still not transmitting to host, it may be necessary to recycle power on the cradle.]
    D --> G
    F --> G
  
```

Paired cradle host communication parameters do not match the host's parameters

Check cradle host parameters or edit options

Note: The scanner connection to the cradle is dissolved when Set Defaults is scanned.



UNPAIR/DISCONNECT

HID KEYBOARD EMULATION



STANDARD RS-232



PORT 5B



IBM PC/AT and IBM PC COMPATIBLE

SCAN OPTIONS

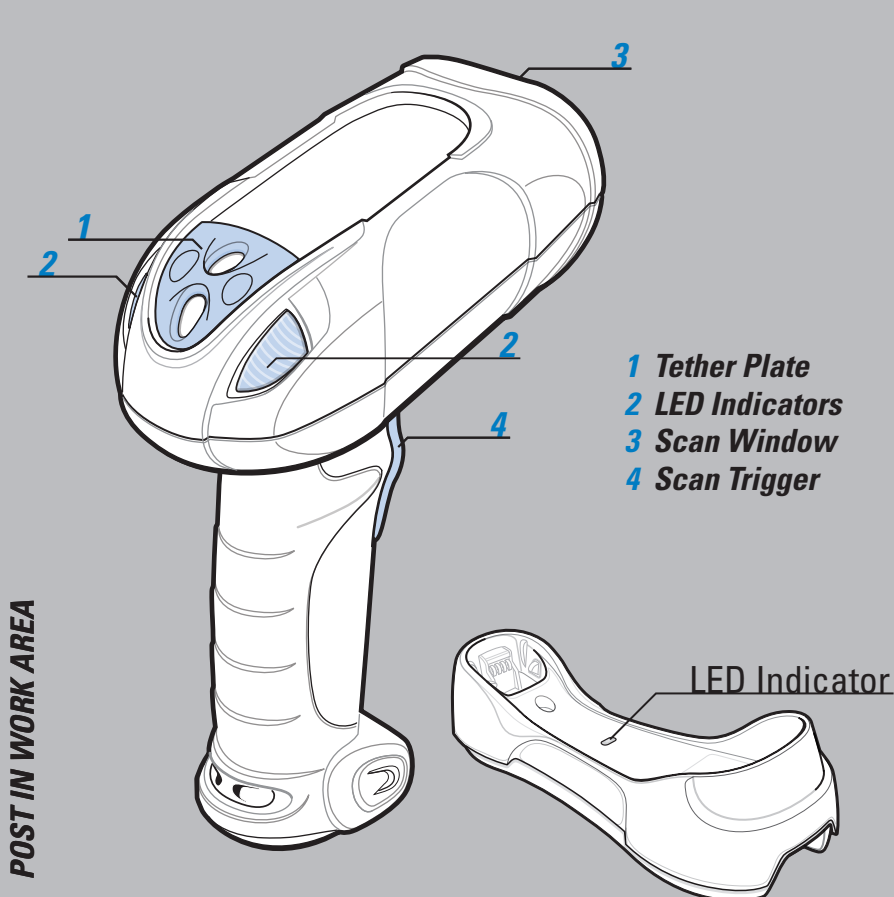


CRADLE HOST

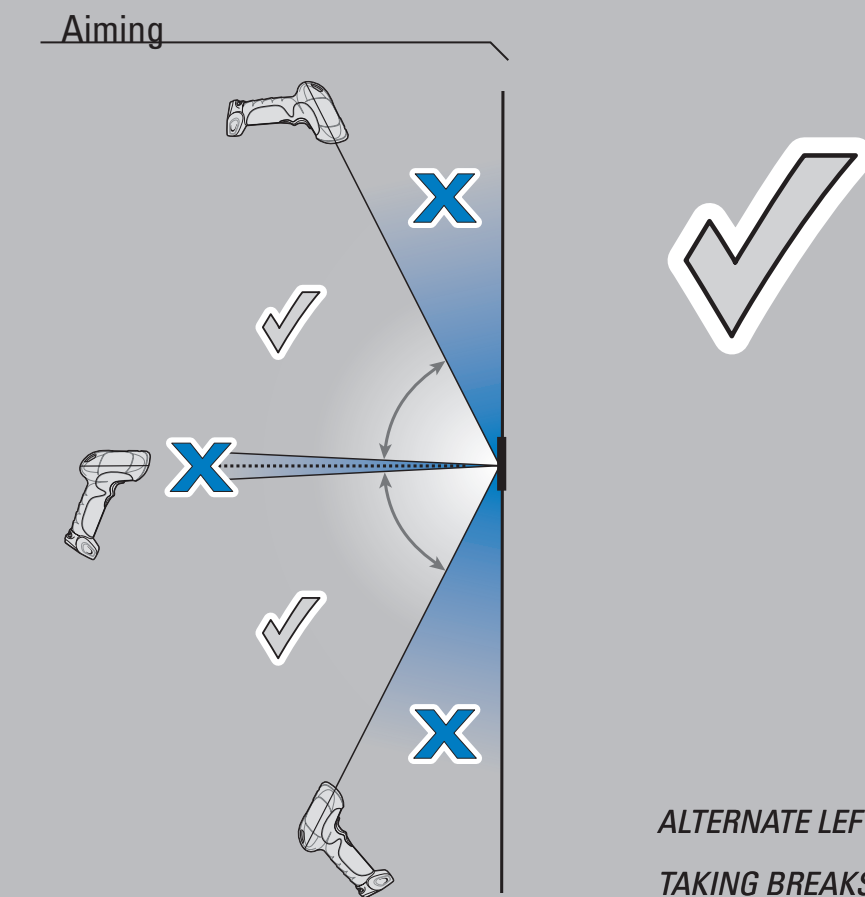


SYMBOL LS3578

Quick Start Guide

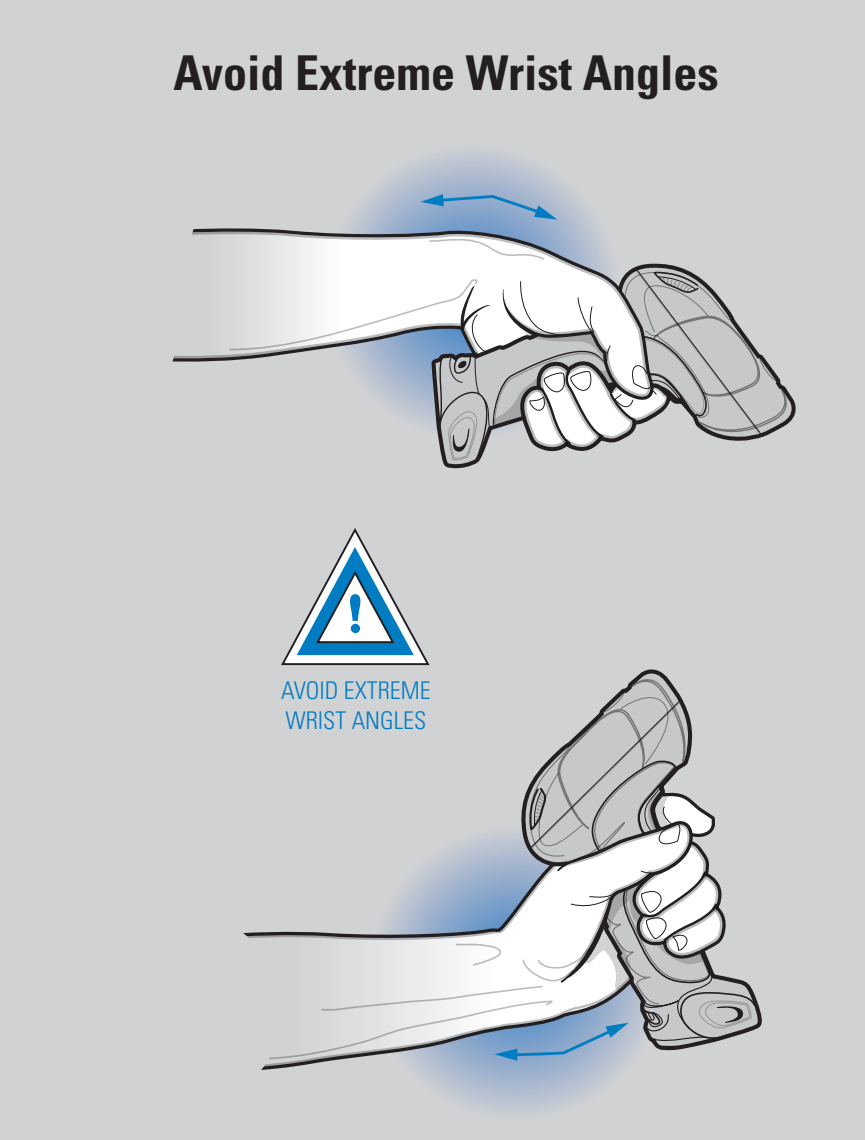
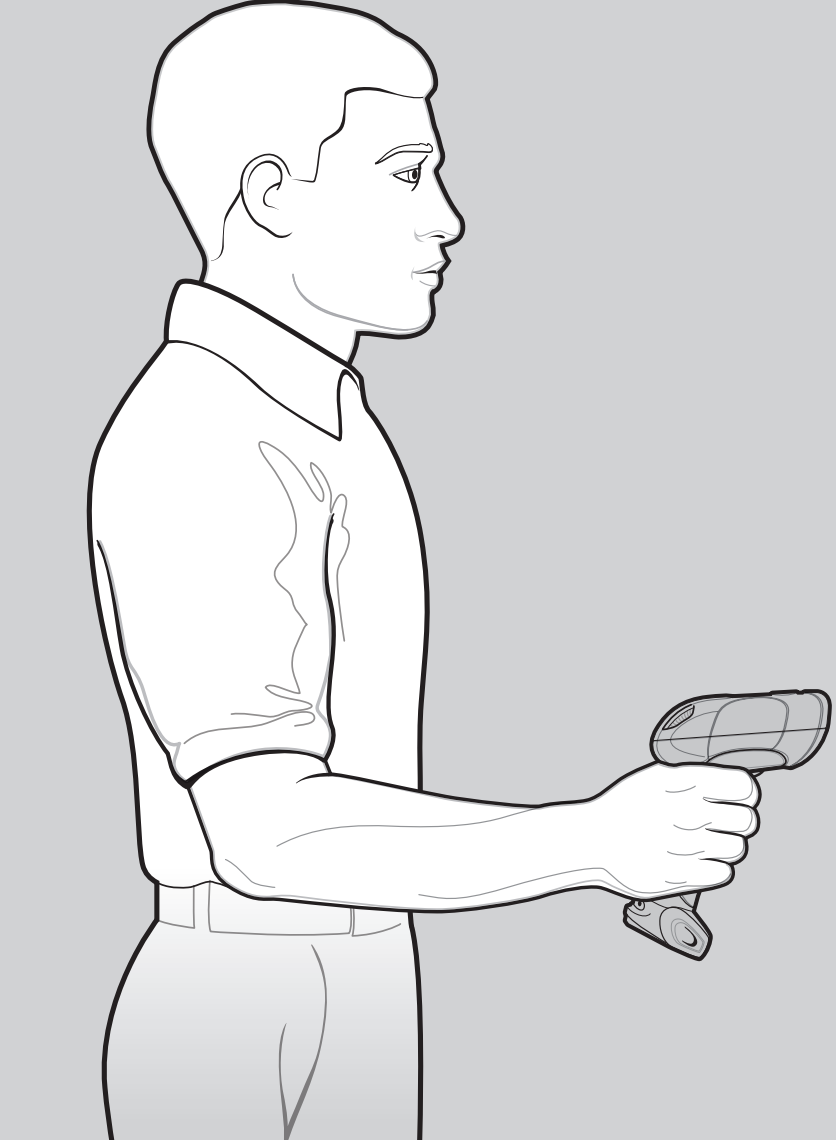


POST IN WORK AREA



ALTERNATE LEFT AND RIGHT HANDS
TAKING BREAKS AND TASK ROTATION RECOMMENDED

OPTIMUM UPRIGHT BODY POSTURE



Avoid Extreme Wrist Angles



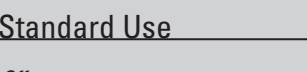


Beeper Indications

Low-medium-high beeps	Normal beep	4 long low beeps	4 short high beeps
Power up	Bar code decoded (if decode beeper enabled)	Transmission error detected; data is ignored	Low battery indication
Short low-high beeps	Short high-low beeps	Long low-high beeps or Long low-high-low-high beeps	
Scanner has paired with the cradle	Scanner has unpaired with the cradle	Unsuccessful pairing attempt	

Parameter Menu Scanning

High-low-high-low beeps	Long low-high beeps
Successful program exit with change in the parameter setting	Input error, incorrect programming sequence, or Cancel bar code scanned

LED Indications

Standard Use		
Off  No power applied to scanner (battery discharged or removed), or scanner is in low power and ready to scan	Green  Bar code successfully decoded	Red  Data transmission error or scanner malfunction or Symbol LS3578 scanner inserted into an STB3478 cradle
Charging Use		

Charging Use

OPTIMUM BODY POSTURE

Optimum body posture for low scanning



Alternate left and right knees



Optimum body posture for extended range scanning



SYMBOL LS3578

REGULATORY INFORMATION

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One Motorola Plaza
Holtsville, N.Y. 11742-1300
<http://www.symbol.com>

Warranty

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

Patents

This product is covered by one or more patents. For patent information go to: <http://www.symbol.com/patents>.

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
- Reduce or eliminate vibration
- Maintain a natural/neutral position
- Reduce or eliminate excessive force
- Provide adjustable workstations
- Keep objects that are used frequently within easy reach
- Provide adequate clearance
- Perform tasks at correct heights
- Improve work procedures

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 Enterprise Mobility Support at: <http://www.symbol.com/contactsupport>. For the latest version of this guide go to: <http://www.symbol.com/manuals>.

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.symbol.com/environmental_compliance.
Dutch: Voor klanten in de EU: Alle producten moeten aan het einde van hun levensduur aan Motorola worden teruggezonden voor recycling. Raadpleeg http://www.symbol.com/environmental_compliance voor meer informatie over het teruggeven van producten.
French: Clients de l'Union Européenne: Tous les produits en fin de cycle de vie doivent être retournés à Motorola pour recyclage. Pour de plus amples informations sur le retour de produits, consultez: http://www.symbol.com/environmental_compliance.
German: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgeschickt werden. Informationen zur Rücksendung von Produkten finden Sie unter http://www.symbol.com/environmental_compliance.
Italian: Clienti dell'UE: Tutti i prodotti in fine di ciclo di vita devono essere consegnati a Motorola per il riciclaggio. Per informazioni sulla modalità di restituzione, visitate il seguente sito Web: http://www.symbol.com/environmental_compliance.
Japanese: EUのお客様: 全製品は、その寿命の終わりに至ると、必ずモトローラに返却してリサイクルしてください。返却方法の詳細については、http://www.symbol.com/environmental_complianceをご覧ください。
Korean: EU 고객: 모든 제품은 수명 주기가 끝나면 반드시 모토로라로 돌려보내야 합니다. 제품 반환 방법의 자세한 내용은 http://www.symbol.com/environmental_compliance에서 확인하십시오.
Portuguese: Para clientes na União Europeia: 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.symbol.com/environmental_compliance.
Russian: Клиенты ЕС: Все продукты в конце срока службы должны быть возвращены в Motorola для переработки. Для получения информации о том, как вернуть продукт, посетите сайт: http://www.symbol.com/environmental_compliance.
Spanish: Para clientes en 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.symbol.com/environmental_compliance.
Swedish: För kunder inom EU: Alla produkter som slutat sin livscykel måste returneras till Motorola för återvinning. Information om hur du returnerar produkter finns på http://www.symbol.com/environmental_compliance.
Ukrainian: Для клієнтів ЄС: Всі продукти в кінці терміну служби повинні бути повернуті до Motorola для рециклінгу. Для отримання інформації про те, як повернути продукт, відвідайте веб-сайт: http://www.symbol.com/environmental_compliance.

Regulatory Information

Symbol Technologies, Inc., the Enterprise Mobility business of Motorola, Inc. ("Motorola"). All Symbol 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://support.symbol.com>. Any changes or modifications to Symbol equipment, not expressly approved by Symbol, could void the user's authority to operate the equipment.



Country Approval

Regulatory markings are applied to the device signifying the radio (s) are approved for use in the following countries: United States, Canada, Australia, Japan & Europe1.

Please refer to the Symbol Declaration of Conformity (DoC) for details of other country markings. This is available at <http://www2.symbol.com/doc/>.

Note1: For 2.4GHz Products: Europe includes, Austria, Belgium, Bulgaria, Czech Republic, Croatia, 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.

Radio Modules

The Symbol LS3578 Scanners contain an approved radio module. This module is the Symbol Bluetooth radio Type: LMX5452

Bluetooth Devices

This product is an approved Bluetooth device. BT ID: B02793
Operation of the device without regulatory approval is illegal



Power Supply
Use only an approved power supply 50-14000-239R output rated 9 VDC and minimum 2 A. The power supply is certified to EN60950 with SELV outputs. Use of alternative power supply will invalidate any approval given to this device and may be dangerous.



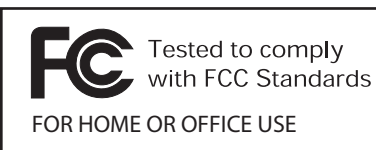
Safety Information
The device complies with internationally recognized standards covering Specific Absorption Rate (SAR) related to human exposure to electromagnetic fields from radio devices.

Reducing RF Exposure – Use Properly
It is advisable to use the device only in the normal operating position.

Hand Held Devices:

To comply with FCC RF exposure requirements, this device must be operated in the hand. Other operating configurations should be avoided.

Radio Frequency Interference Requirements



Radio Frequency Interference Requirements – 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.

Radio Frequency Interference Requirements – Brazil

Declarações Regulamentares para Symbol LS3578 BRAZIL
NOTA: A marca de certificação se aplica ao Equip. de Radiação Restrita, modelo Symbol LS3578. 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 consultas sobre ANATEL consulte o site: www.anatel.gov.br



Marking and European Economic Area (EEA)

Bluetooth for use through the EEA have the following restrictions
• Maximum radiated transmit power of 10mW EIRP in the frequency range 2.400 -2.4835 GHz
• Italy requires a user license for outside usage.

Statement of Compliance

Symbol Technologies, Inc., hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directives 1999/5/EC, 89/336/EEC and 73/23/EEC. Declaration of Conformities may be obtained from <http://www2.symbol.com/doc/>

Laser Labels

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

ENGLISH	CLASS 1	CLASS 2	HEBREW	מסדר	מסדר	מסדר
CLASS 1	CLASS 1 LASER PRODUCT	CLASS 2	מסדר	מסדר	מסדר	מסדר
DANISH / DANSK	KLASSE 1 LASERPRODUKT	KLASSE 2	ITALIAN / ITALIANO	CLASSE 1	CLASSE 2	CLASSE 2
LUMIERE LASER	LUMIERE LASER	LUMIERE LASER	PRODOTTI AL LASER DI CLASSE 1	PRODOTTI AL LASER DI CLASSE 1	PRODOTTI AL LASER DI CLASSE 1	PRODOTTI AL LASER DI CLASSE 1
NIET IN STRAAL STAREN	NIET IN STRAAL STAREN	NIET IN STRAAL STAREN	NON FISSARE IL RAGGIO/PRODOTTI	NON FISSARE IL RAGGIO/PRODOTTI	NON FISSARE IL RAGGIO/PRODOTTI	NON FISSARE IL RAGGIO/PRODOTTI
KLASSE-2 LASERPRODUKT	KLASSE-2 LASERPRODUKT	KLASSE-2 LASERPRODUKT	AL LASER DI CLASSE 2	AL LASER DI CLASSE 2	AL LASER DI CLASSE 2	AL LASER DI CLASSE 2
DUTCH / NEDERLANDS	KLASSE 1 LASERPRODUKT	KLASSE 2	NORWEGIAN / NORSK	KLASSE 1	KLASSE 2	KLASSE 2
LUMIERE LASER	LUMIERE LASER	LUMIERE LASER	LASERPRODUKT, KLASSE 1	LASERPRODUKT, KLASSE 1	LASERPRODUKT, KLASSE 1	LASERPRODUKT, KLASSE 1
NIET IN STRAAL STAREN	NIET IN STRAAL STAREN	NIET IN STRAAL STAREN	LASERLYS IKKE STIRR INN ILYSSTRÅLEN	LASERLYS IKKE STIRR INN ILYSSTRÅLEN	LASERLYS IKKE STIRR INN ILYSSTRÅLEN	LASERLYS IKKE STIRR INN ILYSSTRÅLEN
KLASSE-2 LASERPRODUKT	KLASSE-2 LASERPRODUKT	KLASSE-2 LASERPRODUKT	LASERPRODUKT, KLASSE 2	LASERPRODUKT, KLASSE 2	LASERPRODUKT, KLASSE 2	LASERPRODUKT, KLASSE 2
FINNISH / SUOMI	LUOKKA 1 LASERTUOTE	LUOKKA 2	PORTUGUESE / PORTUGUÊS	CLASSE 1	CLASSE 2	CLASSE 2
LUOKKA 1	LUOKKA 1 LASERTUOTE	LUOKKA 2	PRODUTO LASER DA CLASSE 1	PRODUTO LASER DA CLASSE 1	PRODUTO LASER DA CLASSE 1	PRODUTO LASER DA CLASSE 1
LUOKKA 2	LUOKKA 2 LASERTUOTE	LUOKKA 2	LUZ DE LASER NÃO FIXAR O RAIO LUMINOSO	LUZ DE LASER NÃO FIXAR O RAIO LUMINOSO	LUZ DE LASER NÃO FIXAR O RAIO LUMINOSO	LUZ DE LASER NÃO FIXAR O RAIO LUMINOSO
KLASSE 1	KLASSE 1 LASERPRODUKT	KLASSE 2	SWEDISH / SVENSKA	KLASS 1	KLASS 2	KLASS 2
LUMIERE LASER	LUMIERE LASER	LUMIERE LASER	LASERPRODUKT KLASS 1	LASERPRODUKT KLASS 1	LASERPRODUKT KLASS 1	LASERPRODUKT KLASS 1
NIET IN STRAAL STAREN	NIET IN STRAAL STAREN	NIET IN STRAAL STAREN	LASERLYS STIRRA INTE MOT STRÅLEN	LASERLYS STIRRA INTE MOT STRÅLEN	LASERLYS STIRRA INTE MOT STRÅLEN	LASERLYS STIRRA INTE MOT STRÅLEN
KLASSE-2 LASERPRODUKT	KLASSE-2 LASERPRODUKT	KLASSE-2 LASERPRODUKT	LASERPRODUKT KLASS 2	LASERPRODUKT KLASS 2	LASERPRODUKT KLASS 2	LASERPRODUKT KLASS 2
FRENCH / FRANÇAIS	CLASSE 1	CLASSE 2	CHINESE / 简体中文	1类	2类	2类
PRODUT LASER DE CLASSE 1	PRODUT LASER DE CLASSE 1	PRODUT LASER DE CLASSE 1	1类激光产品	1类激光产品	1类激光产品	1类激光产品
LUMIERE LASER	LUMIERE LASER	LUMIERE LASER	激光切勿直视光束	激光切勿直视光束	激光切勿直视光束	激光切勿直视光束
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PRODUT LASER DE CLASSE 2	PRODUT LASER DE CLASSE 2	PRODUT LASER DE CLASSE 2	JAPANESE / 日本語	第1種	第2種	第2種
LASERSTRAHLEN	LASERSTRAHLEN	LASERSTRAHLEN	第1種 レーザー製品	第1種 レーザー製品	第1種 レーザー製品	第1種 レーザー製品
NIET DIRECT IN DEN LASERSTRAHL	NIET DIRECT IN DEN LASERSTRAHL	NIET DIRECT IN DEN LASERSTRAHL	光線を見つめないでください	光線を見つめないでください	光線を見つめないでください	光線を見つめないでください
SCHAUEN	SCHAUEN	SCHAUEN	2種 レーザー製品	2種 レーザー製品	2種 レーザー製品	2種 レーザー製品
LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	KOREAN / 한국어	1등급	2등급	2등급
LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	1등급 레이저 제품	1등급 레이저 제품	1등급 레이저 제품	1등급 레이저 제품
LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	레이저 광선	레이저 광선	레이저 광선	레이저 광선
LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	이 광선을 주시하지 마십시오.	이 광선을 주시하지 마십시오.	이 광선을 주시하지 마십시오.	이 광선을 주시하지 마십시오.
LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	LASERPRODUKT DER KLASSE 2	2등급 레이저 광선	2등급 레이저 광선	2등급 레이저 광선	2등급 레이저 광선

Laser Devices

Symbol products using lasers comply with US 21CFR1040.10, and IEC825-1:1993, EN60825-1:1994+A11:1996. The laser classification is marked on one of the labels on the device. 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.

Scanner Labeling

