

## Troubleshooting

This section describes possible errors and suggested solutions to fix the errors.

Problem	Possible Cause	Possible Solution
The scanner is not working.	Batteries are loaded incorrectly.	Reload batteries. Make sure the (+) and (-) signs on the batteries line up with the signs inside of the battery cover.
	Batteries are dead.	Insert new batteries.
	Hardware failure.	Call Symbol Technical Support. See Service Information.
The scanner is not scanning or deleting items.	The bar code may be damaged.	Try a different bar code.
	You are too far from or too close to the bar code.	Move the scanner closer to or farther from the bar code.
	You are scanning at an incorrect angle.	Change the angle until the scanner reads the bar code.
	You are scanning an unsupported or disabled bar code type or that bar code type may be disabled in the software.	Try a different bar code. Make sure the correct bar code support is enabled.
	The scanner is connected to the PC and communication has been established.	Scanner will not scan when the communication cable is connected to the scanner and a host communications session has been started. Disconnect the cable and try again.
Stored bar code information is not transferring to the PC.	Memory is full.	This situation is indicated by the red indicator steadily lit and the scanner emitting a series of continuous long beeps. Upload the scanner data to your application or press and hold the Delete Button for 6 seconds to clear the scanner's memory. Caution: all data will be lost by performing this function.
	The communication cable is not connected properly.	Check that the cable is properly connected to the scanner and the PC.
	The communication software is not properly loaded or is corrupt.	Check that the communication software is loaded properly on your PC. Consult your software application guide. If necessary, reload the communication software on the PC.
LED indicator blinks red.	The PC serial port is not properly configured.	Consult your hardware and operating system user documentation.
	Low battery	Replace batteries.
LED indicator flashes red, green and amber	Hardware failure.	Call the Support Center or your reseller.

## Technical Specifications

Specification	Value
Supported Symbolologies	UPC/EAN, Code 3 of 9, Code 128, I 2 of 5, D 2 of 5, Coupon Code
Storage Capability	Approximately 150 30-character bar codes
Power Requirements	4 batteries. Recommended type: <ul style="list-style-type: none"> <li>*Energizer EPX 76</li> <li>*Energizer 357</li> <li>Maxell SR 44W</li> <li>Rayovac 357</li> </ul> * For best results use ENERGIZER brand batteries.
Battery Life	5,000 scans with new batteries.
Operating Temperature	5 °C to 40 °C (41 °F to 104 °F)
Operating Humidity	0 to 95% (non-condensing)
Weight	Approximately 1.8 oz. (without batteries) Approximately 2.7 oz. (with batteries)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F) (without batteries)

## Warranty

Symbol Technologies, Inc. ("Symbol") manufactures its hardware products in accordance with industry-standard practices. Symbol warrants that for a period of 90 days from date of shipment, products will be free from defects in materials and workmanship.

This warranty is provided to the original owner only and is not transferable to any third party. It shall not apply to any product (i) which has been repaired or altered unless done or approved by Symbol, (ii) which has not been maintained in accordance with any operating or handling instructions supplied by Symbol, (iii) which has been subjected to unusual physical or electrical stress, misuse, abuse, power shortage, negligence or accident or (iv) which has been used other than in accordance with the product operating and handling instructions. Preventive maintenance is the responsibility of customer and is not covered under this warranty.

Wear items and accessories having a Symbol serial number, will carry a 90-day limited warranty. Non-serialized items will carry a 30-day limited warranty.

## Warranty Coverage and Procedure

During the warranty period, Symbol will repair or replace defective products returned to Symbol's manufacturing plant in the US. For warranty service in North America, call the Symbol Support Center at 1-800-653-5350. International customers should contact the local Symbol office or support center. If warranty service is required, Symbol will issue a Return Material Authorization Number. Products must be shipped in the original or comparable packaging, shipping and insurance charges prepaid. Symbol will ship the repaired or replacement product freight and insurance prepaid in North America. Shipments from the US or other locations will be made F.O.B. Symbol's manufacturing plant. Symbol will use new or refurbished parts at its discretion and will own all parts removed from repaired products. Customer will pay for the replacement product in case it does not return the replaced product to Symbol within 3 days of receipt of the replacement product. The process for return and customer's charges will be in accordance with Symbol's Exchange Policy in effect at the time of the exchange.

Customer accepts full responsibility for its software and data including the appropriate backup thereof.

Repair or replacement of a product during warranty will not extend the original warranty term.

Symbol's Customer Service organization offers an array of service plans, such as on-site, depot, or phone support, that can be implemented to meet customer's special operational requirements and are available at a substantial discount during warranty period.

## General

Except for the warranties stated above, Symbol disclaims all warranties, express or implied, on products furnished hereunder, including without limitation implied warranties of merchantability and fitness for a particular purpose. The stated express warranties are in lieu of all obligations or liabilities on part of Symbol for damages, including without limitation, special, indirect, or consequential damages arising out of or in connection with the use or performance of the product.

Seller's liability for damages to buyer or others resulting from the use of any product, shall in no way exceed the purchase price of said product, except in instances of injury to persons or property.

Some states (or jurisdictions) do not allow the exclusion or limitation of incidental or consequential damages, so the proceeding exclusion or limitation may not apply to you.

## Service Information

Before you use the unit, it must be configured to operate in your facility's network and run your applications.

If you have a problem running your unit or using your equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Symbol Support Center:

United States	1-800-653-5350	Canada	905-629-7226	Italy	2-484441
United Kingdom	0800 328 2424	Asia/Pacific	337-6588	Mexico	5-520-1835
Australia	1-800-672-906	Austria	1-505-5794	Netherlands	315-271700
Denmark	7020-1718	Finland	9 5407 580	Norway	66810600
France	01-40-96-52-21	Germany	6074-49020	South Africa	11-4405668
Sweden	84452900	Spain	+913244000		
Latin America Sales Support		1-800-347-0178 Inside US +1-561-483-1275 Outside US			
Europe/Mid-East Distributor Operations		Contact local distributor or call +44 208 945 7360			

## Regulatory Information

### Radio Frequency Interference Requirements

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 Frequency Interference Requirements - Canada

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.

This Class B digital apparatus complies with Industry Canada Standard ICES-003.

Cet appareil numérique de la classe B est conform à la norme NMB-003 d'Industrie Canada.

## CE Marking and European Union Compliance

Products intended for sale within the European Union are marked with the CE Mark which indicates compliance to applicable Directives and European Normes (EN), as follows. Amendments to these Directives or ENs are included:



### Applicable Directives

- Electromagnetic Compatibility Directive 89/336/EEC
- Low Voltage Directive 73/23/EEC

### Applicable Standards

- EN 55022:1998, Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment
- EN 55024:1998; Information Technology equipment - Immunity characteristics - Limits and methods of measurement
- IEC 1000-4-2:1995; Electromagnetic compatibility (EMC); Part 4:Testing and measurement techniques; Section 4.2:Electrostatic discharge immunity test
- IEC 1000-4-3:1997; Electromagnetic Compatibility (EMC); Part 4:Testing and measurement techniques; Section 3. Radiated, radio frequency, electromagnetic field immunity test.
- IEC 1000-4-4:1995; Electromagnetic compatibility (EMC); Part 4: Testing and measurement techniques; Section 4:Testing electrical fast transient/Burst immunity.
- IEC1000-4-5:1995; Electromagnetic compatibility (EMC), Part 4: Testing and measurement techniques; Section 5: Surge Immunity
- IEC 1000-4-6:1996; Electromagnetic compatibility (EMC), Part 4:Testing and measurement techniques; Section 6: Immunity to conducted disturbances, induced by radio frequency fields.
- IEC 1000-4-11:1994; Electromagnetic compatibility (EMC), Part 4: Testing and measurement techniques; Section 11: Voltage Dips, Short Interruptions, and Voltage Variations.
- EN 60 950 + A1+ A2 + A3 + A4 + A11 - Safety of Information Technology Equipment Including Electrical Business Equipment
- EN 60 825-1 (EN 60 825) - Safety of Devices Containing Lasers

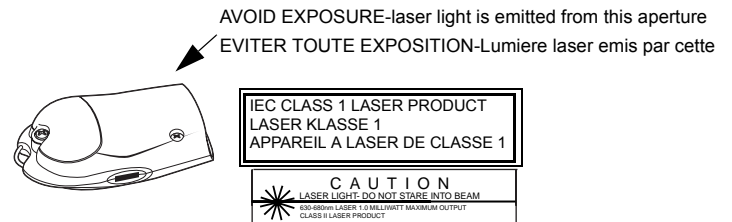
## Laser Devices

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 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.



In accordance with Clause 5, IEC 0825 and EN60825, the following information is provided to the user:

ENGLISH	HEBREW
CLASS 1 LASER PRODUCT LASER LIGHT DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT	מוצר לייזר רמה 1 רמה 1 אור לייזר רמה 2 אין להביט אל תוך הזרם מוצר לייזר רמה 2
DANISH KLASSE 1 KLASSE 2	ITALIAN CLASSE 1 CLASSE 2 PRODOTTO AL LASER DI CLASSE 1 LUCE LASER NON FISSARE IL RAGGIO/PRODOTTO AL LASER DI CLASSE 2
DUTCH KLASSE 1 KLASSE 2	NORWEGIAN KLASSE 1 KLASSE 2 LASERPRODUKT, KLASSE 1 LASERLYS IKKE STIRR INN I LYSSTRÅLEN LASERPRODUKT, KLASSE 2
FINNISH LUOKKA 1 LUOKKA 2	PORTUGUESE CLASSE 1 CLASSE 2 PRODUTO LASER DA CLASSE 1 LUZ DE LASER NÃO FIXAR O RAILO LUMINOSO PRODUTO LASER DA CLASSE 2
FRENCH CLASSE 1 CLASSE 2	SPANISH CLASE 1 CLASE 2 PRODUCTO LASER DE LA CLASE 1 LUZ LASER NO MIRE FIJAMENTE EL HAZ PRODUCTO LASER DE LA CLASE 2
GERMAN KLASSE 1 KLASSE 2	SWEDISH KLASS 1 KLASS 2 LASERPRODUKT DER KLASSE 1 LASERSTRÅLEN NICHT DIREKT IN DEN LASERSTRAHL SCHAUEN LASERPRODUKT DER KLASSE 2

