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ZEBRA
DS9208 Barcode
Scanner

Zebra DS9208 Barcode Scanner User Guide

Contents

ZEBRA TECHNOLOGIES

Zebra DS9208 Barcode Scanner User Guide

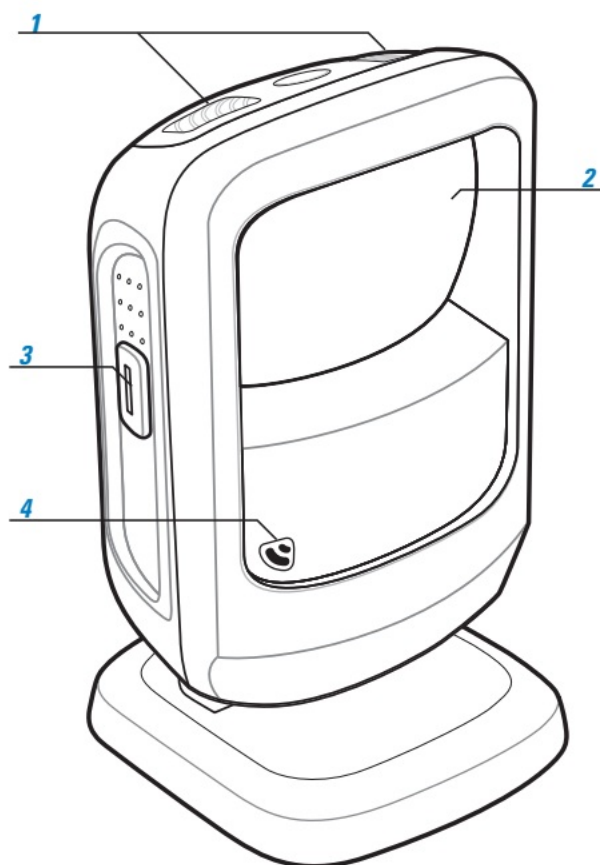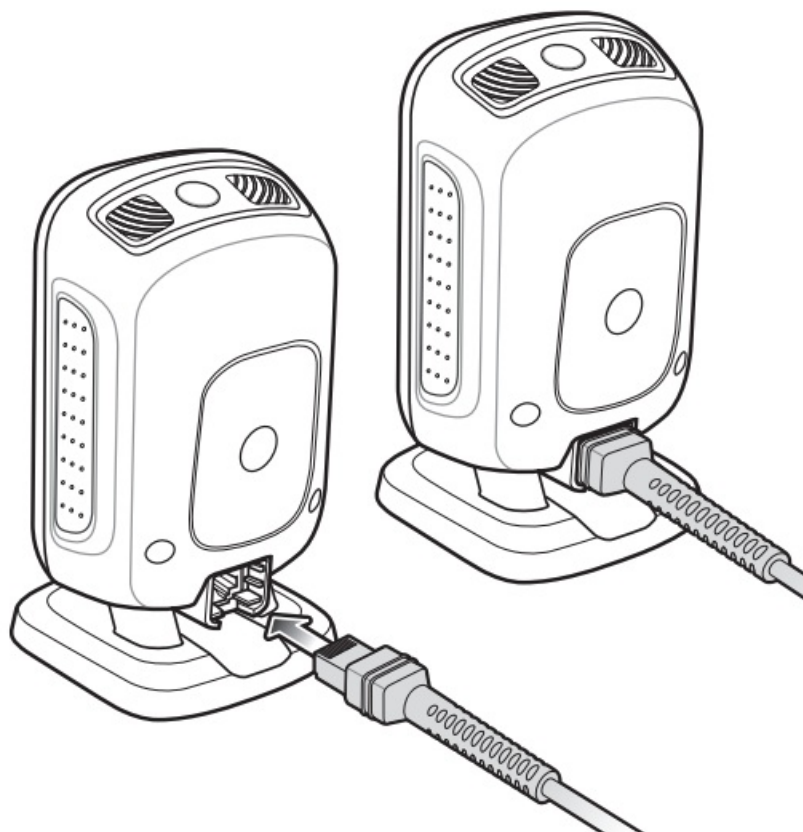**http://www.zebra.com/ds9208**

See Product Reference Guide for detailed information.

1. LED Indicators
2. Scan Window
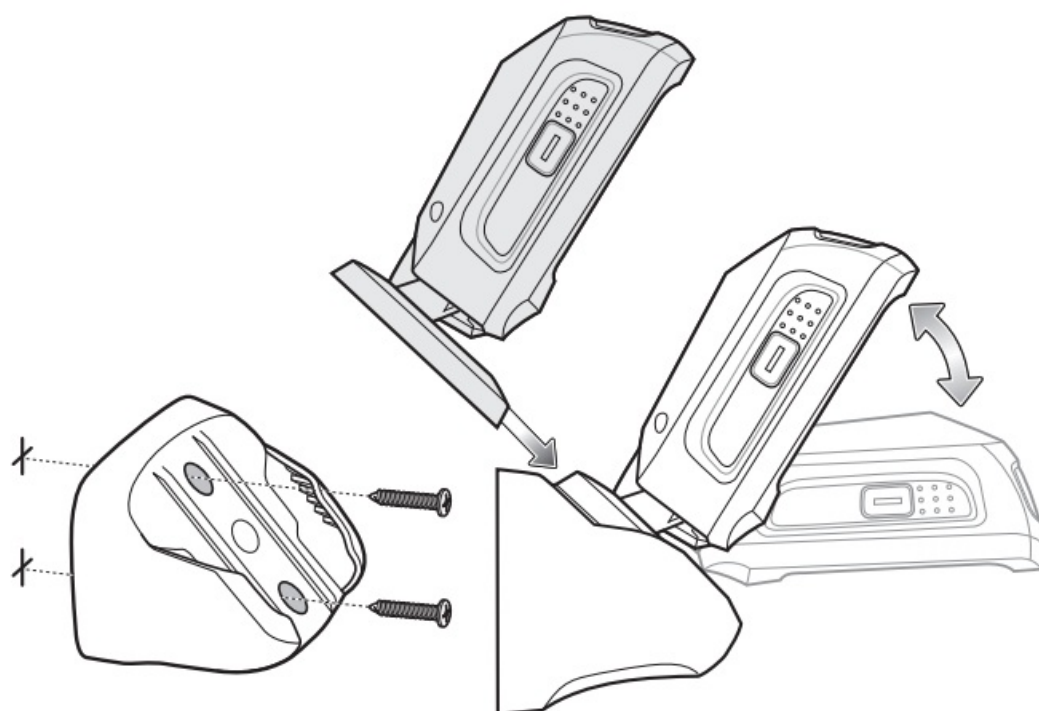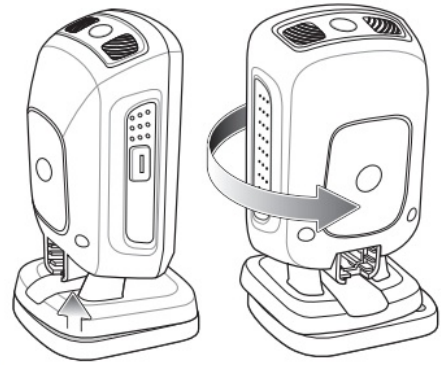3. Scan Trigger
4. Beeper

CORD ATTACHMENT

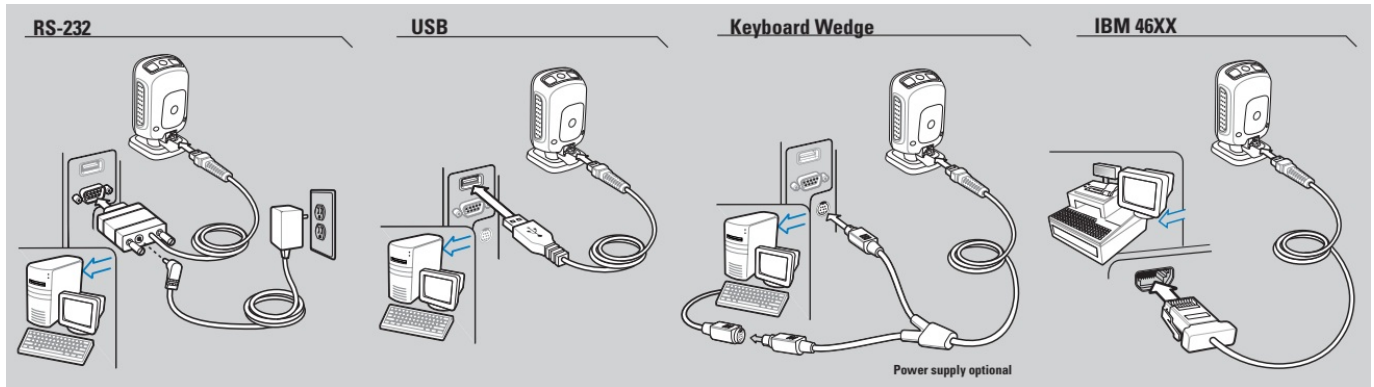**WALL MOUNTING**

TABLE TOP MOUNTING

Inserting Scanner

Removing Scanner

HOST INTERFACES

NOTE: Cables may vary depending on configuration.

RS-232	USB	Keyboard Wedge	IBM 46XX

Power supply optional

TROUBLESHOOTING

- Scanner not working

No power to scanner

Check system power;
ensure power supply, if
required, is connected

Incorrect interface cable used

Ensure that correct
interface cable is used

Interface/power cables are loose

Ensure all cable
connections are secure

- Scanner decoding bar code, but data not transmitting to host

Scanner not programmed for correct host interface

Scan appropriate host parameter bar codes

Interface cable is loose

Ensure all cable connections are secure

- Scanner not decoding bar code

*Scanner not programmed
for bar code type*

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

Bar code unreadable

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

*Distance between scanner
and bar code incorrect*

Move scanner closer to or further
from bar code

- Scanned data incorrectly displayed on the host

Scanner not programmed for correct host interface

Scan appropriate host parameter bar codes

DS9208 PROGRAMMING BAR CODES

- Set Defaults

SET DEFAULTS

<DATA><SUFFIX 1>

- Enter Key (Carriage Return/Line Feed)

PORT 5B

PORT 9B

- IBM 46XX Host Types

HID KEYBOARD EMULATION

SNAPI WITH IMAGING

IBM HAND-HELD USB

SNAPI WITHOUT IMAGING

- USB Host Types

IBM PC/AT and IBM PC COMPATIBLE

PORT 17

- Keyboard Wedge Host Types

STANDARD RS-232

NIXDORF RS-232 MODE B

ICL RS-232

FUJITSU RS-232

NIXDORF RS-232 MODE A

OPOS/JPOS

- Scan ONE of the following country types

NORTH AMERICAN

ITALIAN

FRENCH

SWEDISH

FRENCH CANADIAN
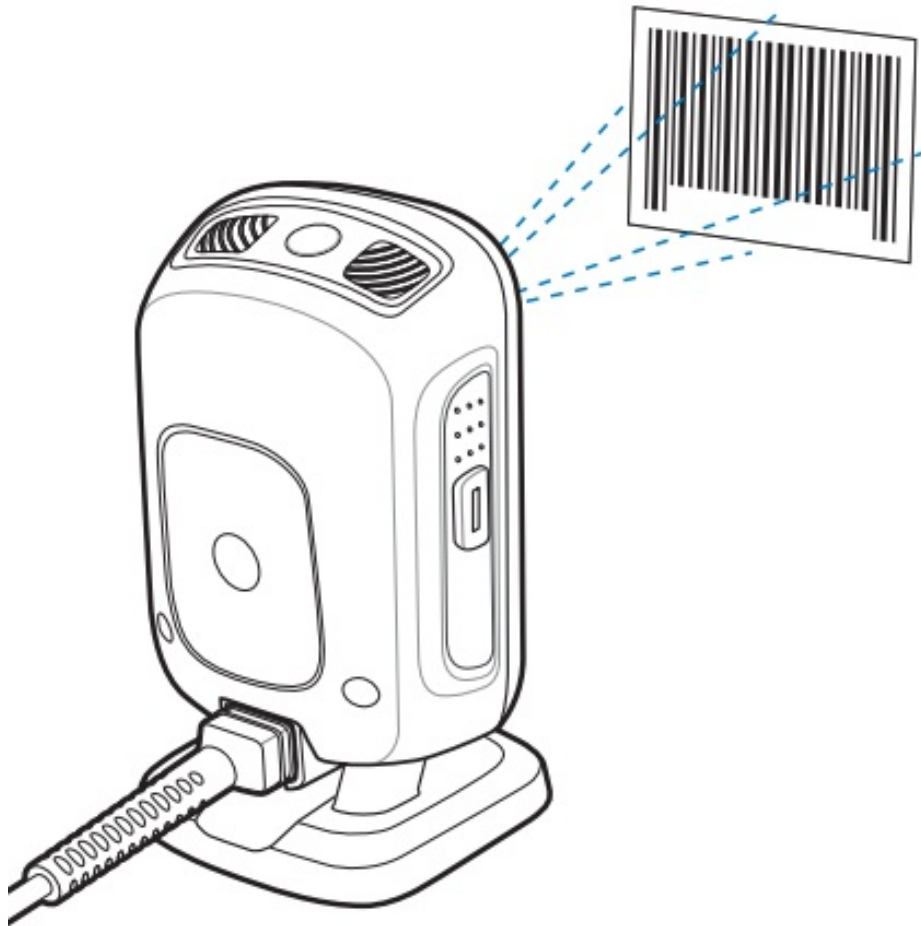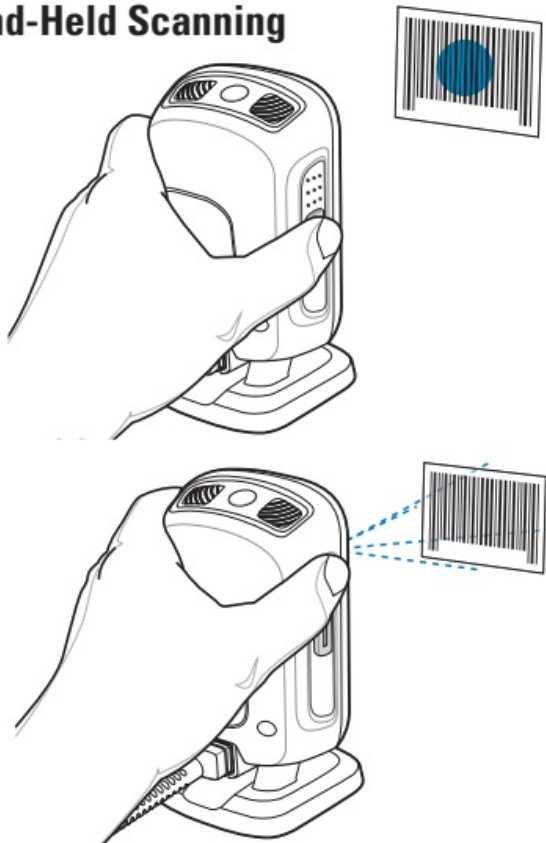

UK ENGLISH

GERMAN

JAPANESE

- RS-232 Host Types

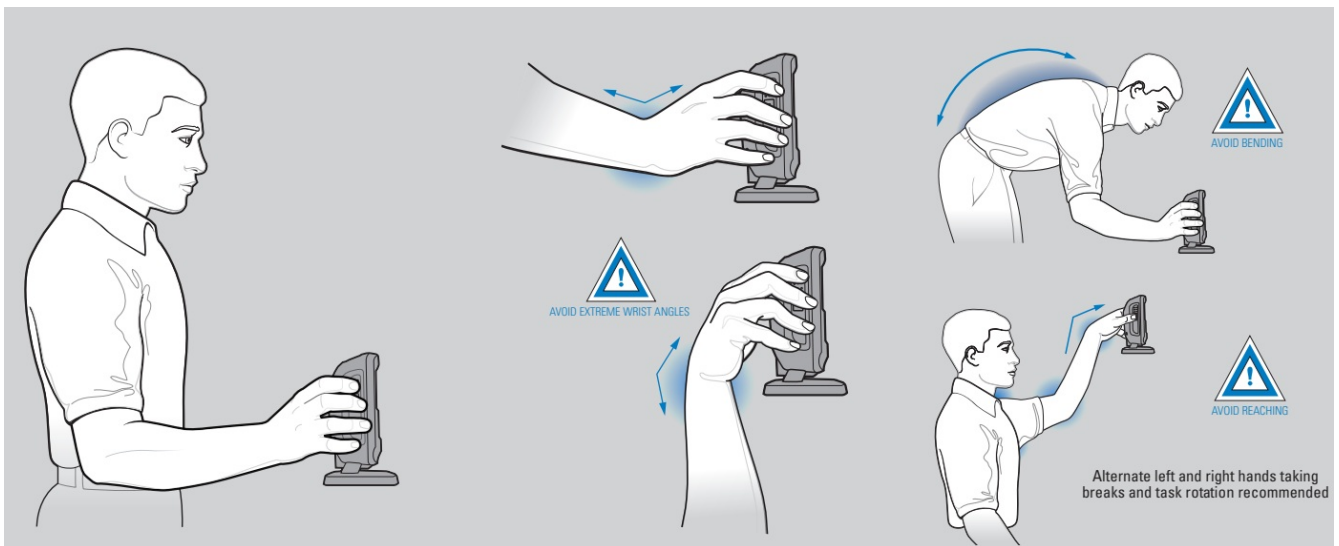SPANISH

OPTIMUM SCANNING

Hands-Free Scanning

Hand-Held Scanning

Aiming

✓

012345

✗

- AVOID BENDING AND REACHING

BEEPER INDICATIONS

- Standard Use

Low/medium/high beep
Power up

Short medium beep
Bar code decoded

4 long low beeps
Transmission error detected; data is ignored

- Parameter Menu Scanning

High/low/high/low beep
Successful parameter setting

High/low beep
Correct programming sequence performed

Low/high beep
Incorrect programming sequence or "Cancel" bar code scanned

LED INDICATIONS

- Hand-Held Scanning

Off
Scanner is on and ready to scan, or no power to scanner

Green
Bar code is successfully decoded

Red
Transmission error

- Hands-Free (Presentation) Scanning

Off
No power to scanner

Green
Scanner is ready to scan

Off Momentarily
Bar code is successfully decoded

Red
Transmission Error

123SCAN2

123Scan2 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.zebra.com/123Scan2**.

REGULATORY INFORMATION

Power Supply
Use ONLY a LISTED, Type no. PWRS-14000 (5Vdc, 850mA), direct plug-in power supply, marked Class 2 or LPS (IEC60950-1, SELV). Use of alternative Power Supply will invalidate any approvals given to this unit and may be dangerous.

Waste Electrical and Electronic Equipment (WEEE)
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**.

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Ergonomic Recommendations

Caution: 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

This guide applies to Model Number DS9208. 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 are available at the following website:
http://www.zebra.com/support.
Any changes or modifications to Zebra equipment, not expressly approved by Zebra, could void the user's authority to operate the equipment. Declared maximum operating temperature: 40 C / 104°F.

Radio Frequency Interference Requirements
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 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 the 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.

Marking and European Economic Area (EEA)
Statement of Compliance
Zebra hereby declares that this device complies 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.zebra.com/doc.**

EAS
System integrator to ensure the final product is compliant with all applicable EU Directives.
http://www.zebra.com/ds9208

Japan (VCCI) – Voluntary Control Council for Interference Class B ITE

Korea Warning Statement for Class B ITE

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

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
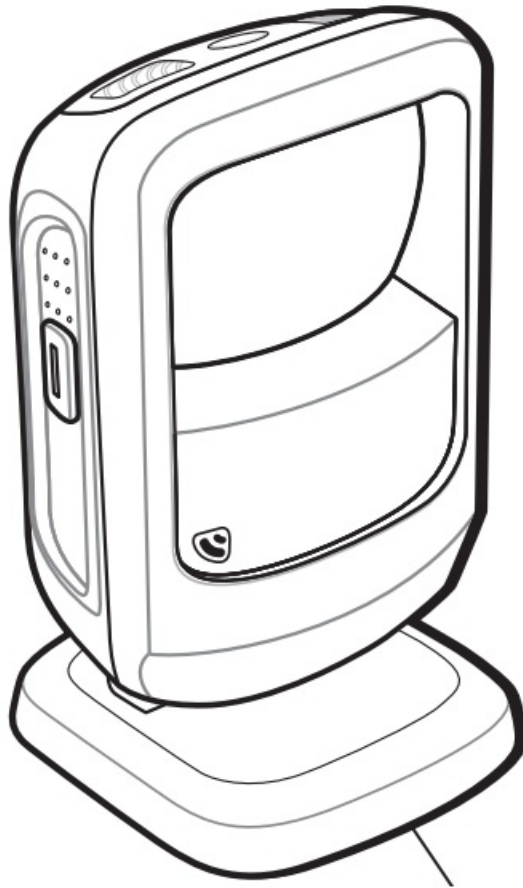
may have under the Australian Consumer Law. If you have any queries, please call Zebra Technologies Corporation at +65 6858 0722. You may also visit our website: **http://www.zebra.com** for the most updated warranty terms.

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 Zebra. Support at: **http://www.zebra.com/support**.
For the latest version of this guide go to: **http://www.zebra.com/support**.

LED Devices

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

LED LIGHT DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 1M LED PRODUCT LED-LICHT SEHEN SIE NICHT DIREKT MIT OPTISCHEN INSTRUMENT AN PRODUKT der KATEGORIEN-1M LED LUMIERE DE LED NE REGARDEZ PAS DIRECTEMENT AVEC LES INSTRUMENTS OPTIQUES PRODUIT DE LA CLASSE 1M LED.
Caution – use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous light exposure.

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References

- **User Manual**