DS4678

General Scanner

Quick Reference Guide

ZEBRA

MN-004891-01EN Rev A

2024/03/13

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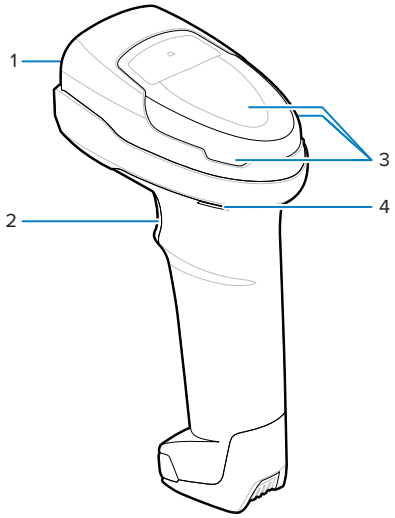
Scanner Features

This section lists the features of the DS4678.

Figure 1 Rear View



Feature Callout	Feature Name
1	Scan window
2	Scan trigger
3	LEDs
4	Beeper

Aiming

Aim the DS4678 scan window at the center of the barcode.When scanning, the DS4678 projects a red LED dot allowing you to position the barcode within the scanner's field of view. Refer to Decode Ranges for the proper distance between the scanner and a barcode.

If necessary, the scanner turns on its red illumination LEDs to illuminate the barcode. The scanner decodes barcodes only when the dot is on the barcode. The top example in Figure: Scanner Aiming shows an acceptable aiming option, while the bottom example shows an aiming pattern that will not decode.

Figure 2 Scanner Aiming

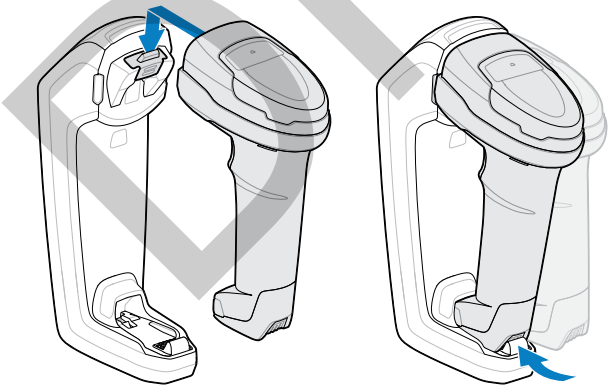
The aiming dot is smaller when the scanner is closer to the barcode and larger when it is farther away. Scan barcodes with smaller bars or elements (mil size) closer to the scanner and those with larger bars or elements (mil size)farther from the scanner.

The scanner beeps to indicate that it successfully decoded the barcode. For more information on beeper and LED definitions, see Table: LED Indications

Inserting the Scanner into the CR8178-SC Cradle

The CR8178-SC cradle charges the DS4678. Insert the scanner into the cradle to charge.

1. Insert the scanner into the cradle top first, ensuring that the cradle latch depression connects with the scanner latch on the cradle.
2. Push the handle until it clicks into place, engaging the contacts in the cradle and the scanner.

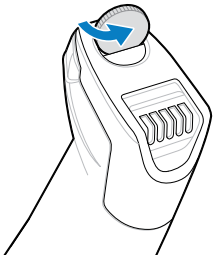


Inserting/Removing the Battery

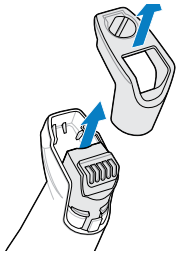
The battery ships separately from the scanner. Place the battery into the DS4678.Replace the DS4678 battery with a fresh one when the existing battery is unhealthy or has a low charge.

1. Unlock the battery cover.

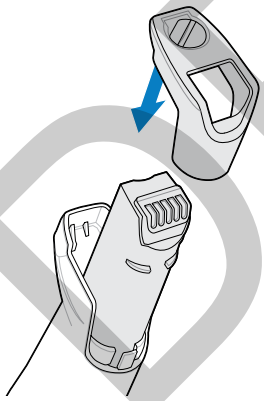
   Use a disk (for example, a coin) to rotate the lock counterclockwise.



2. Remove the battery cover.

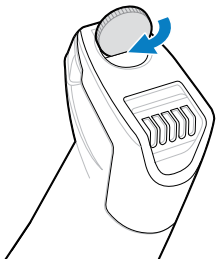


3. Insert/remove the battery.
4. Replace the battery cover.



5. Lock the battery cover.

   Use a disk (for example, a coin) to rotate the lock clockwise.



6. Charge the battery before use.

Connecting to a Host

Connect the cradle to a host device. This enables the DS4678 to share scan data and configuration information with the host.

1. Connect the host to the cradle.

   Refer to the host type section for a diagram illustrating the connection.

2. Pair the scanner by inserting it into the cradle. The scanner indicates a successful pairing with a low/high beep.

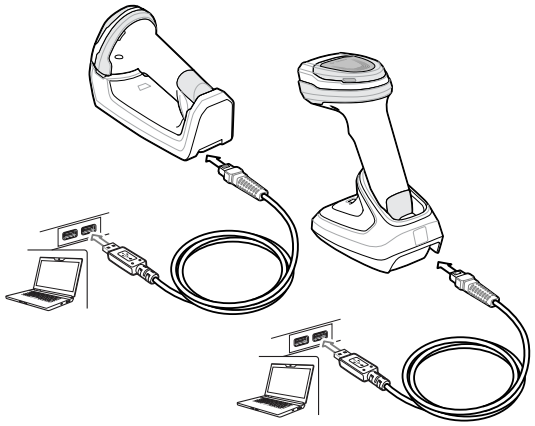
3. Ensure the cradle detects the correct host type.

   - If the cable automatically detects the correct host type, the scanner is ready for use.
   - If the cable fails to detect the correct host type, refer to the host type section and scan the relevant barcode.

USB Host Interface

Connect the DS4678 to the USB device. If necessary, scan the appropriate barcode to finish connecting the devices.

Figure 3 USB Connection



*USB HID Keyboard

IBM Table-top USB

IBM Hand-held USB

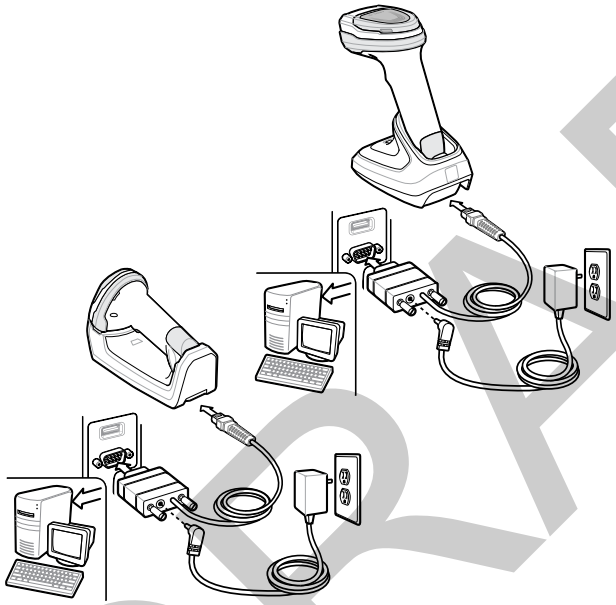
OPOS (IBM Hand-held with Full Disable)

Symbol Native API (SNAPI) with Imaging Interface

RS-232 Host Connection

Connect the DS4678 to the RS-232 device. If necessary, scan the appropriate barcode to finish connecting the devices.

Figure 4 RSR Connection



*Standard RS-232

ICL RS-232

Nixdorf RS-232 Mode A

Nixdorf RS-232 Mode B

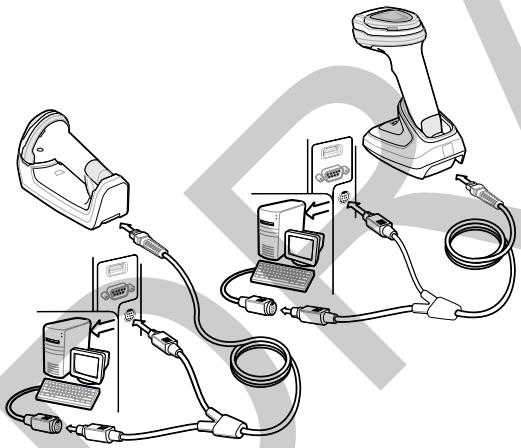
OPOS/JPOS

Fujitsu RS-232

Keyboard Wedge Host Connection

Connect the DS4678 to the keyboard wedge device. If necessary, scan the appropriate barcode to finish connecting the devices.

Figure 5 Keyboard Wedge cradle connection



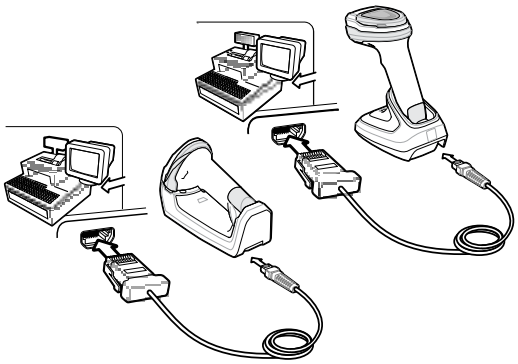
IBM PC/AT & IBM PC Compatibles

*IBM AT Notebook

IBM Host Connection

Connect the DS4678 to an IBM 46XX device. If necessary, scan the appropriate barcodes.

Figure 6 IBM 46XX Connection



Non-IBM Scanner Emulation (Port 5B)

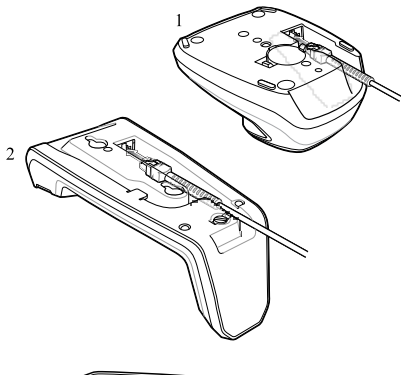
Hand-Held Scanner Emulation (Port 9B)

Table-Top Scanner Emulation (Port 17)

Cradle Cable Connection

Insert the cable with the cable's locking tab facing you. The DS4678 uses the CR8178-PC and CR8178-SC cradles.

Figure 7 1. CR8178-PC 2. CR8178-SC



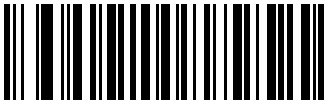
Useful Barcodes

This section gives you quick access to commonly used barcodes. For a full list of scanner barcodes, refer to the DS4678 Product Reference Guide.

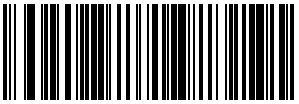
Set Defaults

Add a Tab Key

Add an Enter Key



Override Caps Lock Key (Enable)



*Do Not Override Caps Lock Key (Disable)

Beeper Indications

The following table lists the meaning of each beeper sequence.

Indication	Beeper Sequence
Power up	Low/medium/high
Barcode decoded	Medium
Transmission error detected; data is ignored	Four long low beeps
Successful parameter setting	High/low/high/low
Correct programming sequence performed	High/low
Incorrect programming sequence or **Cancel** barcode is scanned	Long low/long high
Low battery cap indication (on trigger release)	Four short high beeps

LED Indications

The following table describes the meanings of the LED indications.

Scanning Status Indications

Indication	LED Indicator
Hand-Held Scanning	
Digital scanner is on and ready to scan, or no power to the scanner	Off
Barcode is successfully decoded	Green flash
Transmission error	Red
Paging state	Blue (fast fast slow)
Hands-Free (Presentation) Scanning	
No power to scanner	Off
Digital scanner is ready to scan	Green

Indication	LED Indicator
Barcode is successfully decoded	Off momentarily
Transmisison error	Red

Scanner Battery Status Indications

Indication	LED Indicator
Green	51-100% charged
Amber	21-50% charged
Red	0-20%
Green/red alternating	End of life battery, 51-100% charged
Amber/red alternating	End of life battery, 21-50% charged
Red blinking	End of life battery, 0-20% charged

123Scan

123Scan is a software tool that simplifies scanner setup and more.

Intuitive enough for first-time users, the 123Scan wizard guides users through a streamlined setup process. Settings are saved in a configuration file that can be printed as a single programming barcode for scanning, emailed to a smart phone for scanning from its screen or downloaded to the scanner using a USB cable.

Through 123Scan a user can:

- Configure a scanner using a wizard.
  - Program the following scanner settings.
    - Beeper tone/volume settings.
    - Enable/disable symbologies.
    - Communication settings.
  - Modify data before transmission to a host using:
    - Advanced Data Formatting (ADF) - Scan one barcode per trigger pull.
    - Multicode Data Formatting (MDF) - Scan many barcodes in one trigger pull (select scanners).
    - Preferred Symbol - Single out one barcode on a label of many (select scanners).
- Load parameter settings to a scanner via the following:
  - Barcode scanning.
    - Scan a paper barcode.
    - Scan a barcode from a PC screen.
    - Scan a barcode from a smart phone screen.
  - Download over a USB cable.
    - Load settings to one scanner.
    - Stage up to 10 scanners simultaneously (Powered USB Hub recommended with 0.5 amp / port).

- Validate scanner setup.
  - View scanned data within the utility's Data view screen.
  - Capture an image and save it to a PC within the utility's Data view screen.
  - Review settings using the Parameter Report.
  - Clone settings from an already deployed scanner from the Start screen.
- Upgrade scanner firmware.
  - Load settings to one scanner.
  - Stage up to 10 scanners simultaneously (Powered USB Hub recommended with 0.5 amp/port).
- View statistics, such as:
  - Asset tracking information.
  - Time and usage information.
  - Barcodes scanned by symbology.
  - Battery diagnostics (select scanners).
- Generate the following reports.
  - Barcode Report - Programming barcode, relevant parameter settings, and supported scanner models.
  - Parameter Report - Parameters programmed within a configuration file.
  - Inventory Report - Scanner asset tracking information.
  - Validation Report - Scanned data from the Data view.
  - Statistics Report - All statistics retrieved from the scanner.

For more information, go to zebra.com/123Scan.

Troubleshooting

Use this information to troubleshoot the DS4678 scanner.

Table 1 Troubleshooting

Problem	Possible Causes	Possible Solutions
The aiming dot does not appear when pressing the trigger	No power to the digital scanner	If the configuration requires a power supply, re-connect the power supply
	Incorrect host interface cable	Connect the correct host interface cable
	Interface/power cables are loose	Re-connect cables
	Digital scanner is disabled	For IBM 468x and USB IBM hand-held, IBM tabletop, and OPOS modes, enable the digital scanner via the host interface. Otherwise, see the technical person in charge of scanning

Table 1 Troubleshooting (Continued)

Problem	Possible Causes	Possible Solutions
	If using RS-232 Nixdorf B mode, CTSis not asserted	Assert CTS line
	Aiming pattern is disabled	Enable the aiming pattern. See Handheld Decode Aiming Pattern
Scanner emits aiming dot but does not decode barcode	Scanner is not programmed for the barcode type	Program the scanner to read that type of barcode. See Symbologies
	Barcode symbol is unreadable	Scan test barcodes of the same barcode type to determine if the barcode is defaced
	The aiming dot is placed incorrectly on the barcode	Move the barcode so that the aiming dot is within the field of view
	Distance between scanner and barcode is incorrect	Move the scanner closer to or further from the barcode
Scanner decodes barcode but does not transmit data to the host	Scanner is not programmed for the correct host type	Scan the appropriate host type programming barcode. See the information corresponding to the host type
	Interface cable is loose	Reconnect the cable
	Cradle is not programed for the correct host type	Check scanner host parameters to edit options
	Scanner is not paired to host connected interface	Pair scanner to the cradle by scanning the pairing code on the cradle
	Cradle has lost connection to the host	**1.** Disconnect power supply **2.** Disconnect host cable **3.** Wait three seconds **4.** Reconnect host cable **5.** Reconnect power supply **a.** Reestablish pairing
	If the scanner emits four long low beeps, a transmission error has occurred. This occurs if a unit is not properly configured or connected to the wrong host type	Set the scanner's communication parameters to match the host's setting
	If the scanner emits five low beeps, a conversion or format error occurred	Configure the scanner's conversion parameters properly

Table 1 Troubleshooting (Continued)

Problem	Possible Causes	Possible Solutions
	If the scanners emits low/high/low beeps, it detected an invalid ADF rule	Program the correct ADF rules. Refer to the Advanced Data Formatting Programmer Guide
Host displays scanned data incorrectly	Scanner is not programmed to work with the host	Scan appropriate host type programming barcode
		For RS-232, set the scanner's communication parameters to match the host settings
		For a Keyboard Wedge configuration, program the system for the correct keyboard type and turn off the CAPS LOCK key
		Program the proper editing options (for example, UPC-e to UPC-A Conversion)
Scanner emits short low/high/ short medium short high beep sequence (power-up beep sequence) more than once	The USB bus may put the scanner in a state where power to the scanner is cycled on and off more than once	Normal during host reset
Scanner emits four short high beeps during decode attempt	Scanner has not completed USB initialization	Wait several seconds and scan again
Scanner emits low/low/low/exta low beeps when not in use	RS-232 receive error	Normal during host reset. Otherwise, set the scanner's RS-232 parity to match the host setting
Scanner emits low/high beeps during programming	Input error, incorrect barcode or **Cancel** barcode scanned	Scan the correct numeric barcodes within range for the parameter you are programming
Scanner emits low/high/low beeps during programming	Out of host parameter storage space	Scan the correct number barcodes within range for the parameter
	Out of memory for ADF rules	Reduce the number of ADF rules or the number of steps in the ADF rules
	During programming, indicates out of ADF parameter storage space	Erase all rules and reprogram with shorter rules
Scanner emits a power-up beep after changing USB host type	The USB bus re-established power to the digital scanner	Normal when changing USB host type
Scanner emits one high beep when not in use	In RS-232 mode, a <BEL> character was received, and **Beep on <BEL>** option is enabled	Normal when **Beep on <BEL>** is enabled, and the scanner is in RS-232 mode
Scanner emits frequent beeps	No power to the scanner	Check the system power. If the configuration requires a power supply, reconnect the power supply

Table 1 Troubleshooting (Continued)

Problem	Possible Causes	Possible Solutions
	Incorrect host interface cable connected	Verify that the correct host interface cable is used. If not, connect the correct host interface cable
	Interface/power cables are loose	Check for loose cable connections and reconnect cables
Scanner emits five long low beeps after a barcode is decoded	Conversion or format error detected The scanner conversion parameters are not properly configured	Ensure the scanner conversion parameters are properly configured
	Conversion or format error detected An ADF rule was set up with characters that cannot be sent for the host selected	Change the ADF rule, or change to a host that can support the ADF rule
	Conversion or format error detected A barcode was scanned with characters that cannot be sent for that host	Change the barcode or change to a host that can support the barcode
Scanner LED blinks even if the pairing request was canceled from the remote iOS/Android device	If the pass key entry is canceled from the phone/tablet, the scanner remains in the pass key entry mode for 30 sec before timing out	Exit pass key entry mode. Scan **Cancel** or scan any other barcode
Remaining Charge LED is red	Battery/PowerCap charge is low	Insert the scanner into a cradle
Scanner emits four short high beeps, and the Remaining Chargescanner LED is red	Battery//PowerCap charge is very low	Insert the scanner into a cradle
Cradle LED blinks amber rapidly, and the Remaining Chargescanner LED is not lit	The cradle is not providing current to the scanner	Ensure the scanner is securely seated in the cradle. If the behavior continues, clean and dry the electrical contacts on the scanner and cradle. Then replace the scanner in the cradle and ensure it sits properly on the base.
Remaining ChargeScanner LED alternates between red and green or between red and amber and the Cradle LED blinks red	The battery is near the end of its life	Replace the battery

Table 1 Troubleshooting (Continued)

Problem	Possible Causes	Possible Solutions
Cradle LED blinks red, and the Remaining Charge LED on the scanner is not lit	Cradle is either not providing current to the scanner, or the scanner is consuming more current than the cradle is able to supply, and the battery is near the end of its life	Clean and dry the electrical contacts on the scanner and cradle. Then replace the scanner in the cradle and ensure it sits properly in the base. Replace the battery
Cradle LED is red	The battery is charged but is near the end of its life	Replace the battery
Cradle LED blinks red rapidly	Charging error and battery is near the end of its life	Clean and dry the electrical contacts on the scanner and cradle. Then replace the scanner in the cradle and ensure it sits properly in the base. Replace the battery

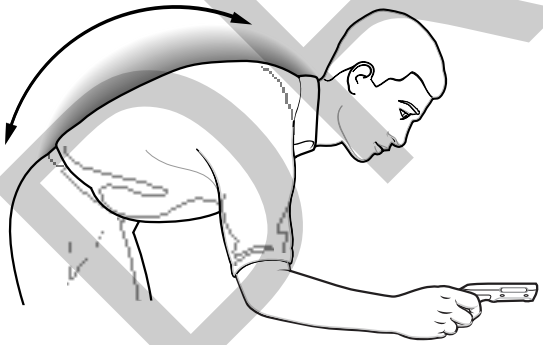
NOTE: If after performing these checks the scanner still experiences problems, contact the distributor or call support.

Ergonomic Considerations

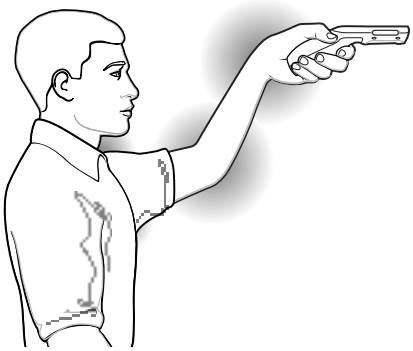
Follow these ergonomic guidelines when using the device.

Zebra recommends taking breaks and rotating tasks to prevent strain.

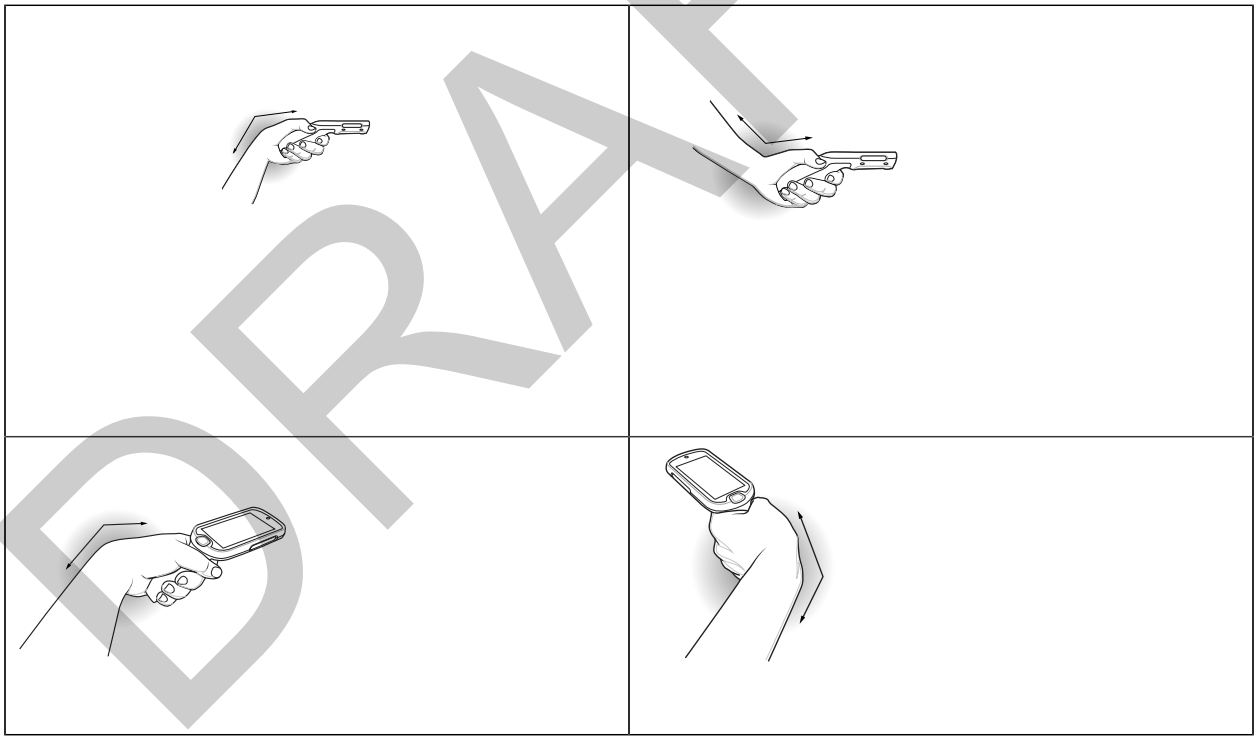
Avoid Bending



Avoid Reaching



Avoid Extreme Wrist Angles



Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following model number: DS4678

All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labeled as required.

Local language translation / (BG) Превод на местен език / (CZ) Překlad do místního jazyka / (DE) Übersetzung in die Landessprache / (EL) Μετάφραση τοπικής γλώσσας / (ES) Traducción de idiomas locales / (ET) Kohaliku keele tõlge / (FI) Paikallinen käännös / (FR) Traduction en langue locale / (HR) Prijevod na lokalni jezik / (HU) Helyi nyelvű fordítás / (IT) Traduzione in lingua locale / (JA) 現地語翻訳 / (KR) 현지 언어 번역 / (LT) Vietinės kalbos vertimas / (LV) Tulkojums vietējā valodā / (NL) Vertaling in lokale taal / (PL) Tłumaczenie na język lokalny / (PT) Tradução do idioma local / (RO) Traducere în limba locală / (RU) Перевод на местный язык / (SK) Preklad do miestneho jazyka / (SL) Prevajanje v lokalni jezik / (SR) Превод на локални језик / (SV) Översättning av lokalt språk / (TR) Yerel dil çevirisi / (ZH-CN) 当地语言翻译 / (ZH-TW) 當地語言翻譯

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: 50°C

Bluetooth® Wireless Technology

This is an approved Bluetooth® product. For more information on the Bluetooth SIG listing, please visit www.bluetooth.com.

Regulatory Markings

Regulatory markings subject to certification are applied to the device. Refer to the Declaration of Conformity (DoC) for details of other country markings. The DOC is available at: zebra.com/doc.

Health and Safety Recommendations

This section provides important health and safety recommendations.

Ergonomic Recommendations

In order to avoid or minimize the potential risk of ergonomic injury, always follow good ergonomic workplace practices. Consult with your local Health and Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

Safety in Hospitals and Aircraft

Wireless devices transmit radio frequency energy that may affect medical electrical equipment and aircraft operation. Wireless devices should be switched off wherever you are requested to do so in hospitals, clinics, healthcare facilities, or by airline staff. These requests are designed to prevent possible interference with sensitive equipment.

RF Exposure Guidelines

CAUTION: Important Safety Information

Reducing RF Exposure – Use Properly

Only operate the device in accordance with the instructions supplied.

The device complies with internationally recognized standards covering human exposure to electromagnetic fields. For information on international human exposure to electromagnetic fields, refer to the Zebra Declaration of Conformity (DoC) at www.zebra.com/doc.

Use only Zebra tested and approved headset, belt-clips, holsters, and similar accessories to ensure RF exposure compliance. If applicable, follow the instructions for use as detailed in the accessory guide.

The use of third-party belt clips, holsters, and similar accessories may not comply with RF exposure compliance requirements and should be avoided.

For further information on the safety of RF energy from wireless devices, refer to RF exposure and assessment standards section at www.zebra.com/responsibility.

To satisfy RF exposure requirements, this device must be hand-held only and, where applicable use only with Zebra tested and approved accessories.

Optical Devices

LED

Risk Group classified according to IEC 62471:2006 and EN 62471:2008.

- DS4678-SR Illumination Red Pulse Duration: [2 ms] or [CW]

  [Exempt Group (RG0)]
- DS4678-SR Aiming Amber Pulse Duration: [12 ms] or [CW]

  [Exempt Group (RG0)]
- DS4678-XD, DPE Illumination White Pulse Duration: [2 ms] or [CW]

  [Exempt Group (RG0)]
- DS4678-XD, DPE Aiming Green Pulse Duration: [2 ms] or [CW]

  [Exempt Group (RG0)]

Batteries and Power Packs

This information applies to Zebra-approved batteries and power packs containing batteries.

Battery Information

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of batteries according to instructions.

Use only Zebra approved batteries. Accessories which have battery charging capability are approved for use with the following battery models:

- Model 82-176890-01 (306 VDC, 2500 mAh)

To charge the mobile device battery, the battery and charger temperatures must be between [0]°C and [40]°C ([32]°F and [104]°F).

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.

CE Marking and European Economic Area (EEA)

Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with Directives 2014/53/EU and 2011/65/EU.

Any radio operation limitations within EEA countries are identified in Appendix A of EU Declaration of Conformity. The full text of the EU Declaration of Conformities is available at: zebra.com/doc.

EU Importer : Zebra Technologies B.V

Address: Mercurius 12, 8448 GX Heerenveen, Netherlands

Environmental Compliance

For compliance declarations, recycling information, and materials used for products and packaging, please visit www.zebra.com/environment.

Waste Electrical and Electronic Equipment (WEEE)

For EU and UK Customers: For products at the end of their life, please refer to recycling/disposal advice at: www.zebra.com/weee.

United States and Canada Regulatory

Radio Frequency Interference Notices

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.

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 Frequency Interference Requirements – Canada

This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This

device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Requirements - FCC and ISED

The FCC has granted Equipment Authorization for this device with all reported SAR levels evaluated in compliance with the FCC RF emission guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid.

To satisfy RF exposure requirements, this device must be hand-held only and, where applicable use only with Zebra tested and approved accessories.

Pour être conforme à la réglementation relative à l'exposition RF, cet appareil doit être uniquement porté au poignet ou à la cheville et, lorsque cela est applicable, utilisé uniquement avec des accessoires testés et approuvés par Zebra.

日本

中国

通过访问以下网址可下载当地语言支持的产品说明书 zebra.com/support。

产品中有害物质的名称及含量

部件名称 (Parts)	有害物质					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr(VI))	多溴联 苯 (PBB)	多溴二 苯醚 (PBDE)
金属部件 (Metal Parts)	X	O	O	O	O	O
电路模块 (Circuit Modules)	X	O	O	O	O	O

电缆及电缆组件 (Cables and Cable Assemblies)	O	O	O	O	O	O
塑料和聚合物部件(Plastic and Polymeric Parts)	O	O	O	O	O	O
光学和光学组件 (Optics and Optical Components)	O	O	O	O	O	O
电池 (Batteries)	O	O	O	O	O	O
本表格依据SJ/T 11364 的规定编制。 O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。 X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572 规定的限量要求。(企业可在此处，根据实际情况对上表中打“×”的技术原因进行进一步说明。						

México

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

This device is designed to receive wireless emergency alerts using the Cellular Broadcasting Service as specified in IFT-011 Pt3. If your cellular network provider supports this service, alerts will be provided while in the provider's coverage area. If you travel outside your provider's coverage area, the alerts may not be available. For more information, please contact your network provider. Wireless Emergency Alert settings are available in the Messages App settings by selecting Advanced. Once displaying alerts, the settings can be viewed and changed. This allows non-mandatory alerts to be deselected and for test alerts to be enabled if required. An option to enable text-to-speech also exists, allowing the text alerts messages to be spoken aloud for the user to hear the message.

臺灣

低功率電波輻射性電機管理辦法

取得審驗證明之低功率射頻器材，非經核准，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。

低功率射頻器材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，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍 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。

公司資訊

台灣斑馬科技股份有限公司 / 台北市信義區松高路9 號13 樓

	行政院環保署 (EPA) 要求乾電池製造或進口商，需依廢棄物清理法第 15 條之規定，於販售、贈送或促銷的電池上標示回收標誌。請聯絡合格的台灣回收廠商，以正確 棄置電池。

限用物質含有情況標示聲明書

設備名稱 (Product Description in CHINESE Equipment name)				型號（型式） Model Type designation (Type)		
單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr +6)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
印刷電路板及電子組件	—	O	O	O	O	O
金屬零件	—	O	O	O	O	O
電纜及電纜組件	O	O	O	O	O	O
塑料和聚合物零件	O	O	O	O	O	O
光學與光學元件—	O	O	O	O	O	O

備考1. 〝超出0.1 wt %〞及〝超出0.01 wt %〞係指限用物質之百分比含量超出百分比含量基準值。

備考2. 〝O〞係指該項限用物質之百分比含量未超出百分比含量基準值。

備考3. 〝—〞係指該項限用物質為排除項目。

Note 1: “Exceeding 0.1 wt%” and “exceeding 0.01 wt%” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

Note 2: “O” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

Note 3: The “ – ” indicates that the restricted substance corresponds to the exemption.

TÜRK WEEE Uyumluluk Beyanı

EEE Yönetmeliğine Uygundur.

United Kingdom

Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with the Radio Equipment Regulations 2017 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

Any radio operation limitations within UK are identified in Appendix A of UK Declaration of Conformity.

The full text of the UK Declaration of Conformities is available at: zebra.com/doc.

UK Importer: Zebra Technologies Europe Limited

Address:

Dukes Meadow, Millboard Rd, Bourne End, Buckinghamshire, SL8 5XF

Warranty

For the complete Zebra hardware product warranty statement, go to: zebra.com/warranty.

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 System Support. If there is a problem with the equipment, they will contact Zebra support at zebra.com/support.

For the latest version of the guide go to: zebra.com/support.

Software Support

Zebra wants to ensure that customers have the latest entitled software at the time of device purchase in order to keep the device operating at peak performance levels. To confirm that your Zebra device has the latest entitled software available at the time of purchase, go to zebra.com/support.

Check for the latest software from Support > Products, or search for the device and select **Support** > **Software Downloads**.

If your device does not have the latest entitled software as of your device purchase date, e-mail Zebra at entitlementservices@zebra.com and ensure you include the following essential device information:

- Model number
- Serial number
- Proof of purchase
- Title of the software download you are requesting.

If it is determined by Zebra that your device is entitled to the latest version of software, as of the date you purchased your device, you will receive an e-mail containing a link directing you to a Zebra Web site to download the appropriate software.

Product Support Information

- For information on using this product, see the User Guide at zebra.com/ds4678.
- To find quick answers to known product behaviors, access our knowledge articles at supportcommunity.zebra.com/s/knowledge-base.
- Ask your questions in our Support community at supportcommunity.zebra.com.
- Download product manuals, drivers, software, and view how-to videos at zebra.com/support.
- To request a repair for your product, go to zebra.com/repair.