



ZEBRA CS6080 Companion Scanner User Guide

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ZEBRA CS6080 Companion Scanner



Product Information

The CS6080 Companion Scanner is a versatile scanning device manufactured by Zebra Technologies Corporation. It is designed to provide efficient and accurate scanning for various applications. The scanner is available in different configurations, including cordless, corded, standard range, and healthcare versions. It features a removable battery, programmable button, scan button, LED indicators, scanner window, USB converter cable, NFC technology, release latch, and finger grip recess.

Product Usage Instructions

To set up and use the CS6080 scanner, follow the instructions below:

1. Insert the battery into the scanner.
2. Press the battery into the scanner until it snaps into place.
3. **Note:** If you have a corded configuration and want to convert to a cordless configuration using a battery, remove the corded USB Converter Cable before step 1.

Introduction

Introducing the CS6080 Companion Scanner, featuring a groundbreaking design that easily converts between corded and cordless operation, handheld and hands-free, as your needs change. As a cordless scanner, the CS6080 is small enough to tuck in a pocket and offers the latest mobile technology including contactless charging. As a corded scanner, the CS6080 offers compact scanning for spaces with limited real-estate. Whether you purchase a corded or cordless model up front, you can change modes at any time for superior investment protection. And you get Zebra's industry-leading scanning performance and our unique DataCapture DNA and industry-preferred management tools that make it easier than ever to integrate, deploy and manage your scanners.

This guide provides basic instructions for setting up, programming, and using CS6080 scanners. The scanner is available in the following versions:

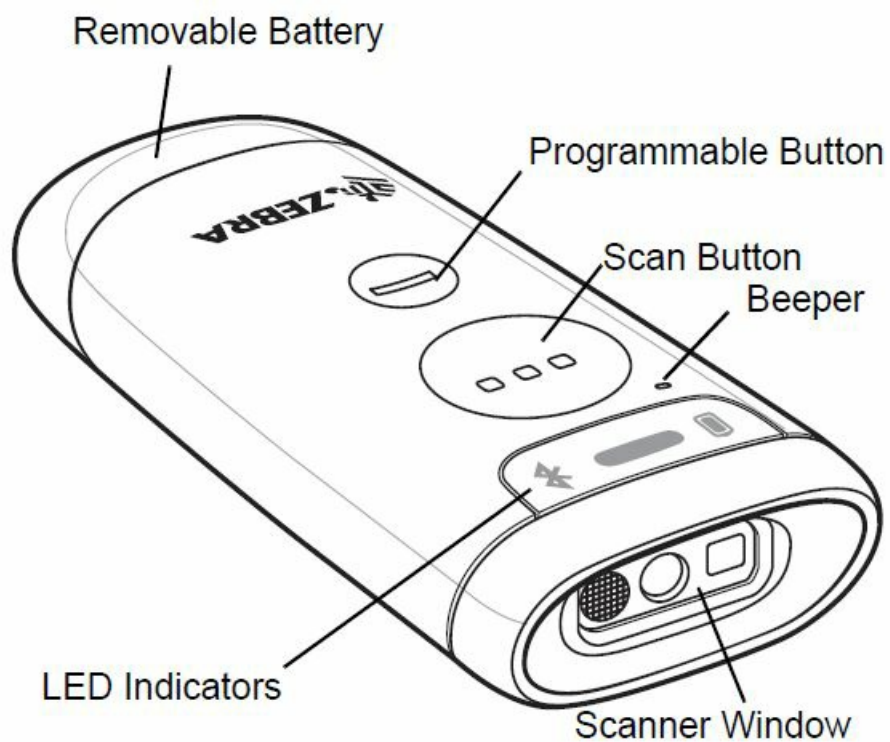
- **CS6080-SR:** Standard Range
- **CS6080-HC:** Healthcare

NOTE: This guide applies to all scanner configurations, including cordless, corded, standard range and

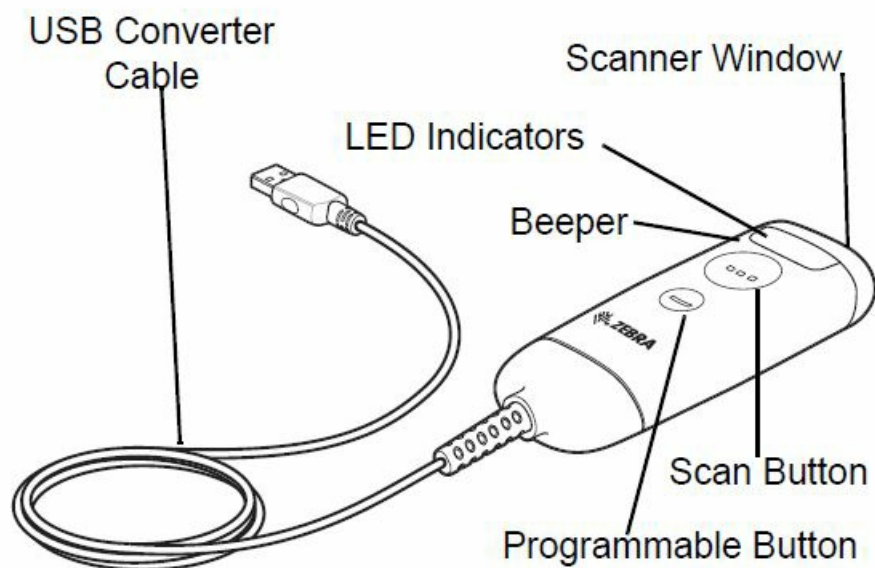
healthcare unless specifically indicated.

Features

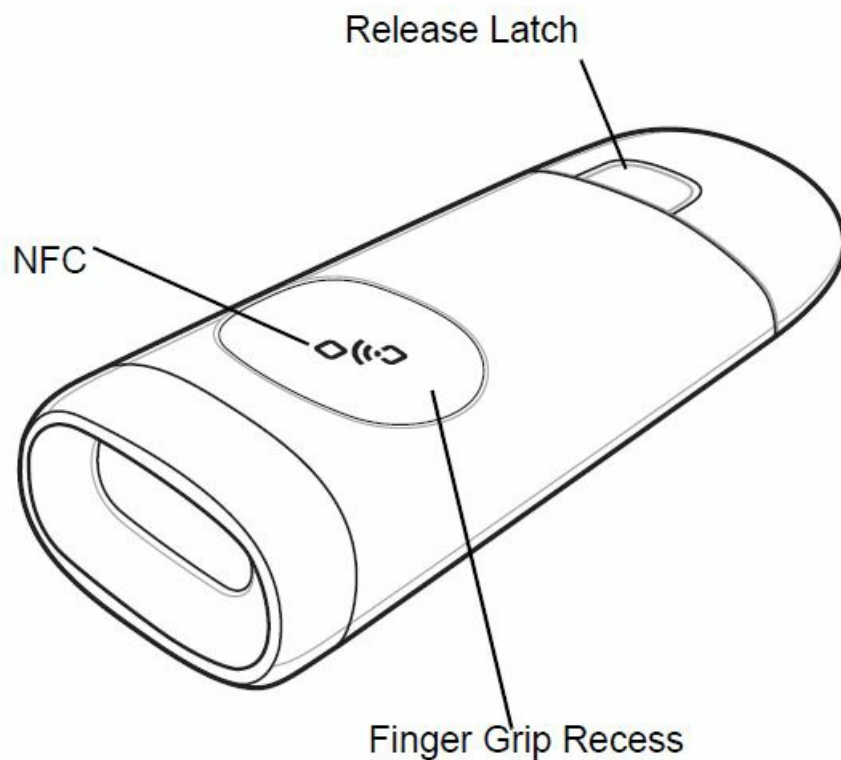
Cordless Front View



Corded Front View



Bottom View



Useful Barcodes

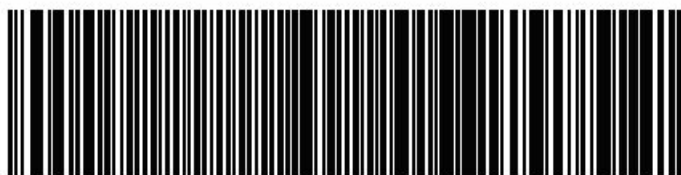
Set Defaults



Return to Factory Defaults

Add a Tab Key

To add a Tab key after scanned data, scan the barcode below.



Add a Tab Key

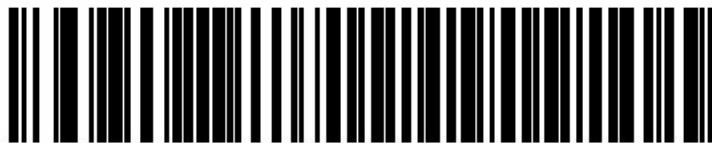
Add an Enter Key

To add an Enter key after scanned data, scan the barcode below.



Add Enter Key (Carriage Return/Line Feed)

USB Caps Lock Override



USB-Override Caps Lock Key
(Enable)



* USB-Do Not Override Caps Lock Key
(Disable)

Night Mode with Vibrate



Enable Night Mode Trigger



Disable Night Mode Trigger

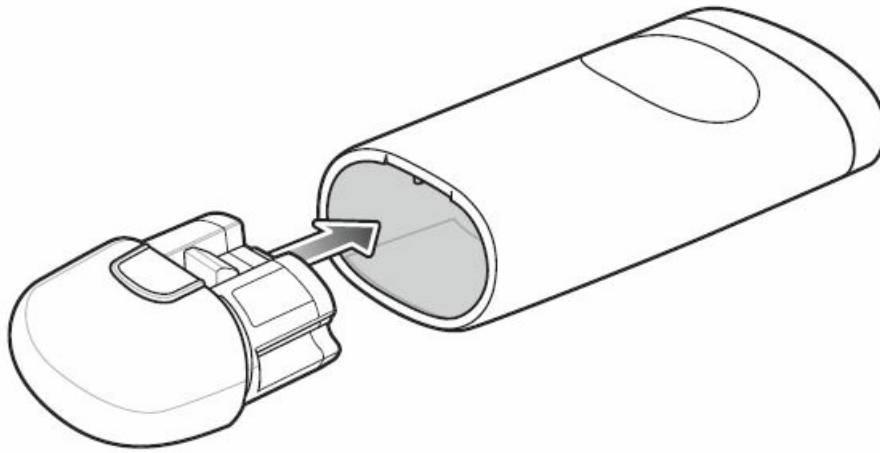


Toggle Night Mode

Installing the Battery

Use the battery to charge the cordless scanner.

1. Insert the battery into the scanner.

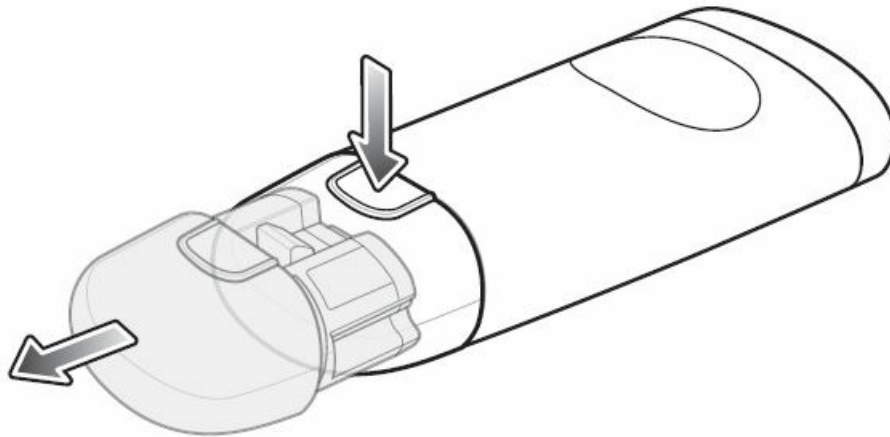


2. Press the battery into the scanner until the battery snaps into place.

- **NOTE:** If you purchased a corded configuration, using the corded USB Converter Cable and want to convert to a cordless configuration, using a battery, remove the corded USB Converter Cable prior to step 1.

Removing the Battery

To remove the battery, press the release and pull the battery away from the scanner.



Installing the Corded USB Converter Cable

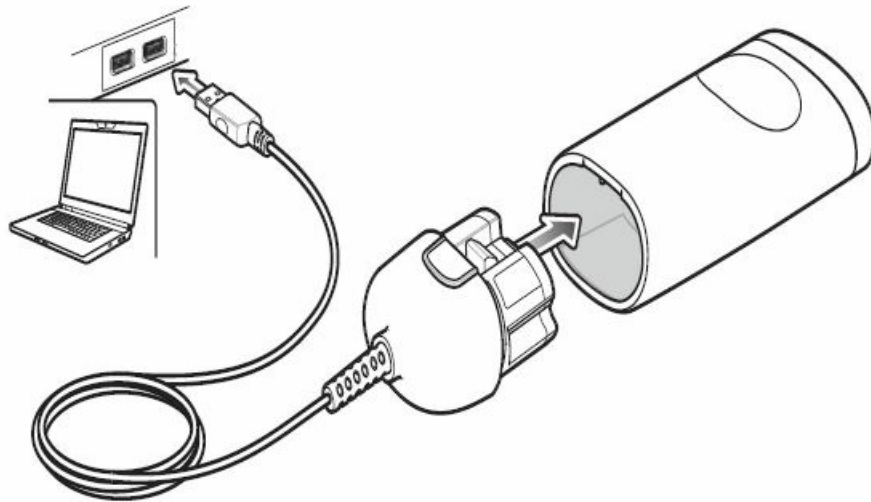
Use the USB Converter Cable to connect the corded scanner to a host.

Inserting the USB Cable

1. Insert the corded USB Converter Cable into the scanner.

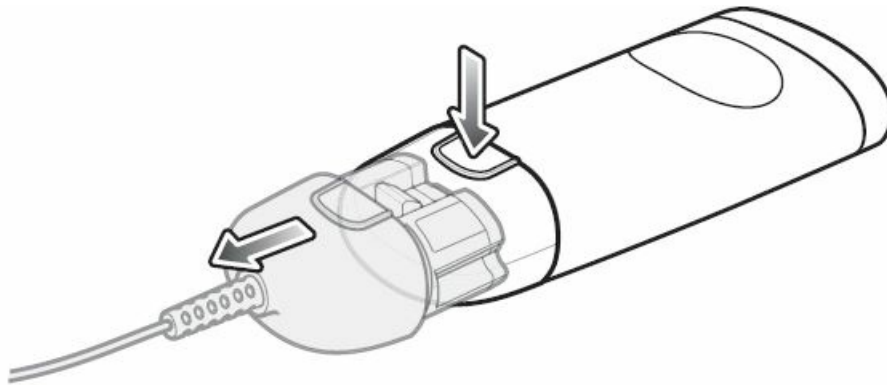
2. Connect the other end of the corded USB Converter Cable to a USB port on the host PC.

- **NOTE:** If you purchased a cordless configuration, using a battery and want to convert to a corded configuration, using the corded USB Converter Cable, remove the battery prior to step 1.



Removing the USB Cable

To remove the corded USB Converter Cable, press the release and pull the cable away from the scanner.



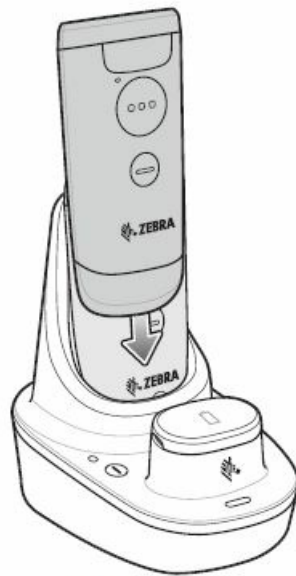
Charging

Use a cradle or charging pad to charge the cordless scanner and use the battery charger or cradle to charge spare batteries.

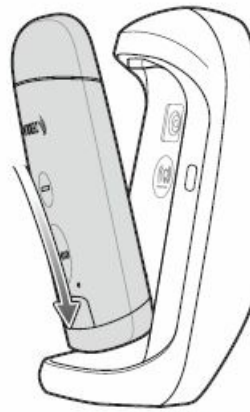
Charging via Cradle

NOTE: Only applies to cordless configurations.

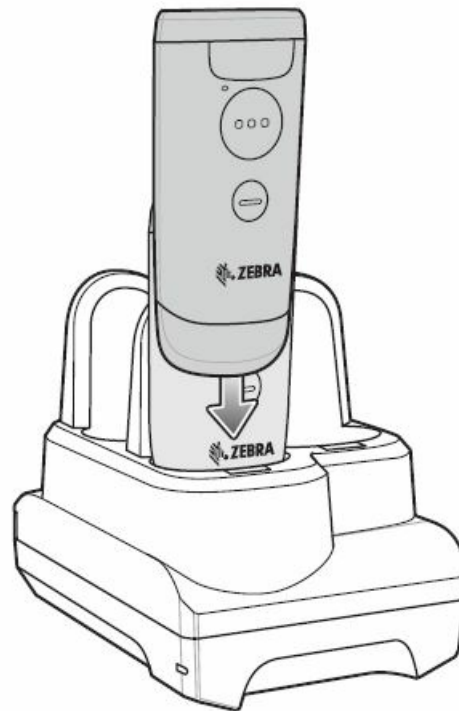
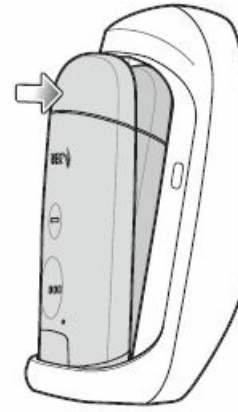
1. Connect the cable to the cradle with the USB-C connector.
2. Connect the other end of the cable to a USB port on the host PC, or to a USB power adapter plugged into an AC outlet with the USB-A connector.
3. Insert the CS6080 into a scanner slot to begin charging.
 - In the Standard cradle, insert the scanner upright with the battery side first.
 - In the Healthcare Presentation cradle, insert the scanner upside down with the scanner window first.



Standard

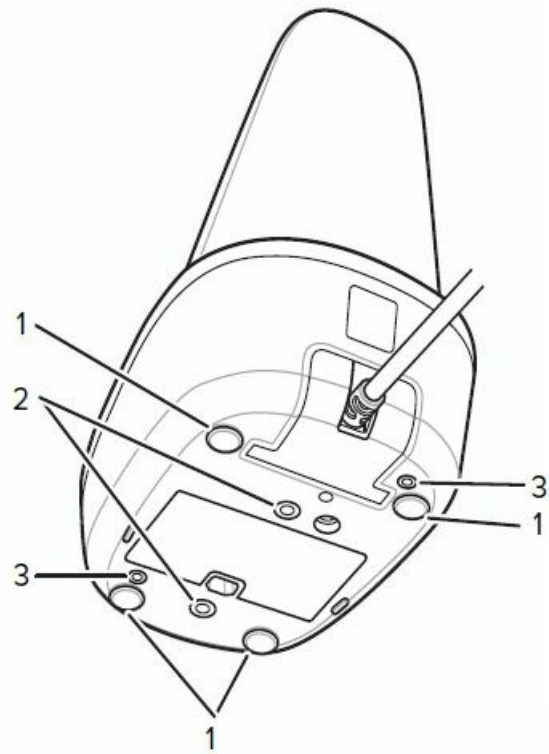


Healthcare Presentation



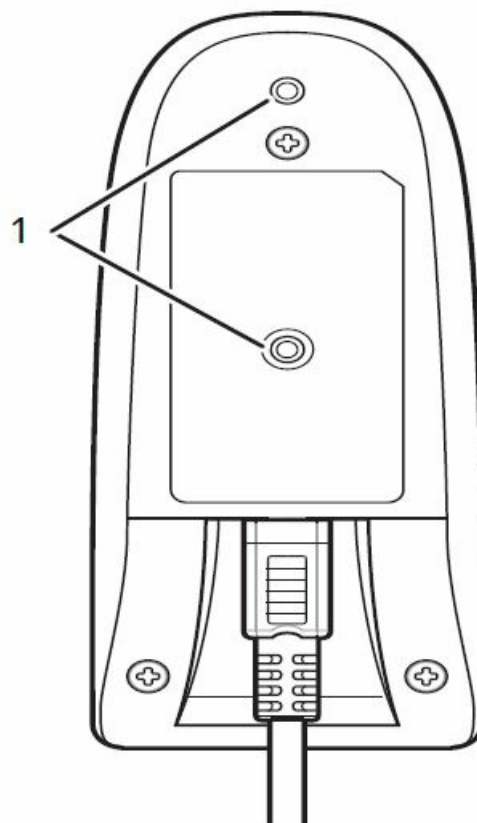
The CS6080 begins charging. The charge status LEDs light to indicate progress. Refer to the CS6080 Scanner Product Reference Guide for information on accessories and LED indications.

Cradle Cable Connection



Standard

1	Mounting Feet (4)
2	Mounting Hole (2) M4x5
3	Mounting Hole (2) M3x5



Healthcare Presentation

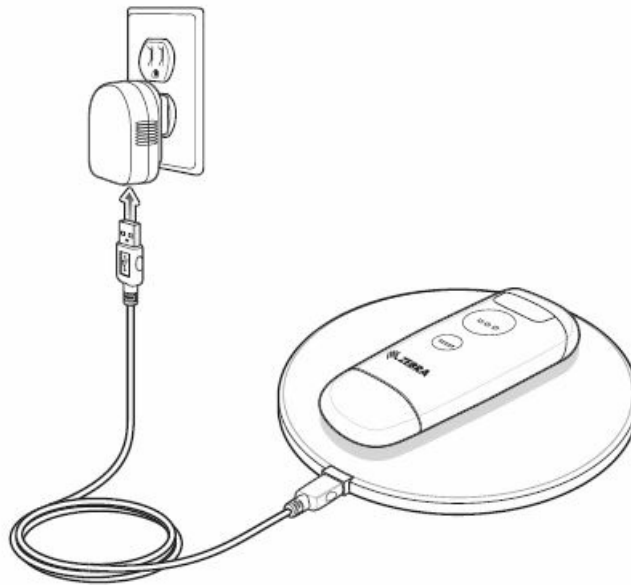
- 1 Mounting Holes (2) M4x5

Charging via Charging Pad

NOTE: Only applies to cordless configurations.

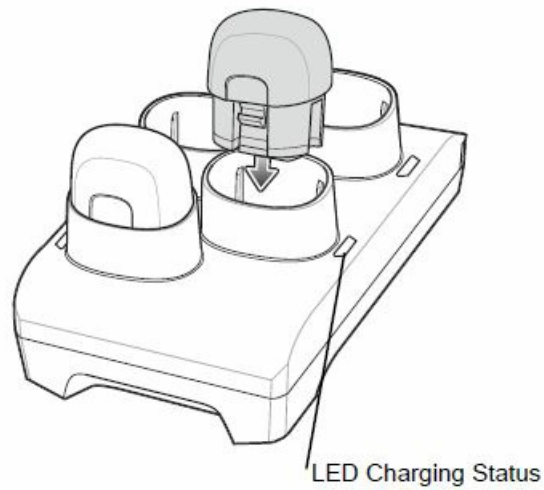
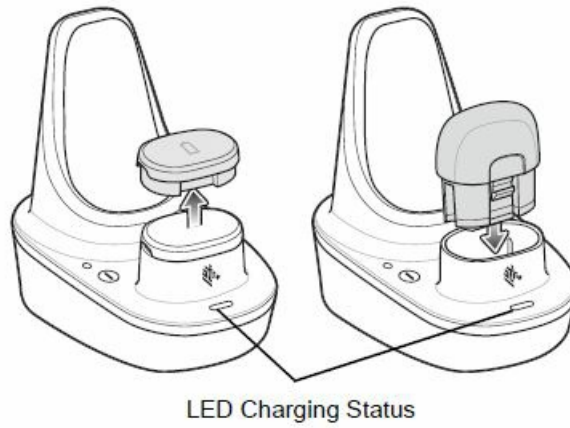
1. Follow the third party instructions for connecting your charging pad to power.
2. Place the scanner on the charging pad with the buttons facing up. The battery charging indicator LED on the scanner lights to show the charging status.

NOTE: The CS6080 is only compatible with Qi type charging pads and charging times cannot be guaranteed when using third party accessories.



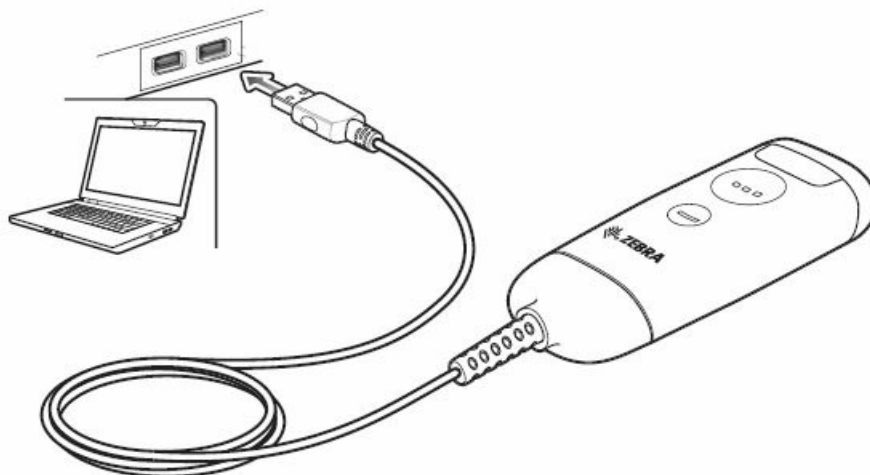
Charging Spare Batteries

1. Connect the cable to the cradle with the USB-C connector.
2. Connect the other end of the cable to a USB port on the host PC, or to a USB power adapter plugged into an AC outlet with the USB-A connector.
3. Remove the spare battery slot cap.
4. Insert the battery into the spare battery slot to begin charging. The charge LED on the cradle lights to show the charging status.



Connecting to a Host

USB Connection



Scan one of the barcodes below.



* USB Keyboard HID



IBM Hand-Held USB



IBM OPOS
(IBM Hand-Held USB with Full Scan Disable)



SNAPI with Imaging

Bluetooth Connection

To set up the scanner for communication with a host using a standard Bluetooth profile, scan one of the following barcodes.

- Cradle Bluetooth Classic (default) – The scanner must be paired to a cradle and the cradle communicates to the host via the host interface cable connection. Classic and BLE modes are supported.
- HID Keyboard Profile – The scanner connects to the PC/host via Bluetooth and performs like a Bluetooth keyboard. HID supports peripheral connections. Classic and BLE modes are supported.
- Simple Serial Interface (SSI)- For communication when connecting to a Zebra mobile device or PC/tablet/phone running a Zebra scanner SDK app. Classic, BLE and MFi modes are supported.
- Serial Port Profile (SPP) – The scanner connects to the PC/host via Bluetooth and performs like there is a serial connection. Classic Bluetooth only.



Cradle Bluetooth Classic



Cradle Bluetooth Low Energy



HID Bluetooth Classic



SSI BT Classic (Discoverable)



SSI BT LE



SSI BT with MFi (iOS Support)



SPP BT Classic (Non-Discoverable)



SPP BT Classic (Discoverable)



HID Bluetooth Low Energy (Discoverable)



SSI BT Classic (Non-Discoverable)

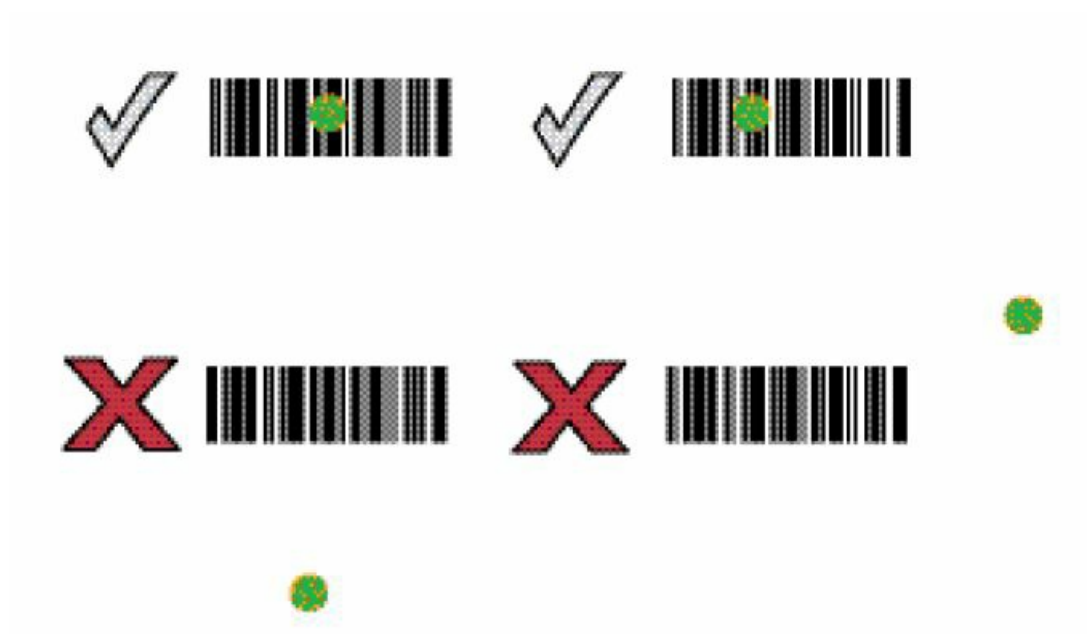
Scanning

To scan a bar code:

1. Aim the scanner at the bar code.
2. Press the Scan button (...).



3. Ensure the aiming dot is centered on the barcode.



The scanner beeps and the LED turns green to indicate a successful decode.

Button Actions

To actuate the buttons, apply a finite force to the button recess. For subsequent button actuations, remove force, and then re-apply force.

Action	Description
<u>Scan Button (...)</u>	
Single press	Trigger
Double press	Issue connection to last known address if disconnected/if connected in HID mode to an Apple device, will send show/hide keypad
Hold for 3 seconds	Battery status
Hold until beam goes off plus 5 seconds longer	Night mode
<u>Programmable Button (-)</u>	
Single press (not in cradle) default*	Show/hide keypad
Single press option 2	Programmable trigger
Single press option 3	Toggle lamp mode (cordless only)
Single press in cradle	Toggle lamp mode (cordless only)

LED Indicators

Action	LED
<u>Decode Indicator LED</u>	
Successful decode	Green
On error	Red
<u>Battery Indicator LED</u>	
When in cradle and charging is complete	Solid Green
When in cradle and charging is in progress	Blinking Amber
When in cradle and there is a charging error	Fast Blinking Amber
When used in handheld mode and the Scan button (...) is pressed for 3 seconds - Full Battery	Solid Green
When used in handheld mode and the Scan button (...) is pressed for 3 seconds - Mid Charge	Solid Amber
When used in handheld mode and the Scan button (...) is pressed - Low Battery	Solid Red
<u>Bluetooth Indicator LED</u>	
While actively pairing	Blinking Blue
Connected	Solid Blue
Bluetooth Error	Steady Red for 2 seconds

123Scan

123Scan is an easy-to-use, PC-based software tool that enables rapid and easy customized setup of a scanner via a barcode or USB cable. For more information, visit: www.zebra.com/123Scan.

Utility Functionality

- Device configuration
- Electronic programming (USB cable)
- Programming barcode(s)
- Data view – scan log (display scanned barcode data)
- Access asset tracking information
- Upgrade firmware and view release notes
- Remote management (SMS package generation).

Troubleshooting

Problem	Possible Solutions
Aiming pattern does not appear when pressing the scan button.	If the configuration requires a power supply, re-connect the power supply.
	Connect/re-connect the host interface cable.
	Enable the aiming pattern.
Imager comes on, but scanner does not decode the barcode.	Ensure the scanner is programmed to read the type of barcode being scanned.
	Ensure the symbol is not defaced. Scan other barcodes of the same barcode type.
	Move scanner closer to or further from barcode.
Scanner decodes barcode, but does not transmit the data to the host.	Scan the appropriate host type barcode.
	Re-connect the cable.
	Set the scanner's communication parameters to match the host's setting.
	Configure the scanner's conversion parameters properly.
	Program the correct ADF rules.
Host displays scanned data incorrectly.	Scan the appropriate host type programming barcode.
	Program the proper editing options (e.g. UPC-E to UPC-A Conversion).
Scanner battery LED turns solid red for a few seconds.	Charge the battery.

Problem	Possible Solutions
Scanner does not fully charge.	Ensure the scanner is properly seated in the cradle or properly placed on a Qi wireless charging pad.
Bluetooth LED turns off.	Scanner is out of range; move closer to the host and press any button to re-pair with the host.
Scanner emits long beeps for 5 seconds when scanning a barcode.	Memory is full; download barcode data to the host and clear the memory.

Regulatory Information

This device is approved under Zebra Technologies Corporation. This guide applies to the following model number CS6080. 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 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: 50°C.

CAUTION: Only use Zebra approved and NRTL-certified accessories, battery packs and battery chargers. Do NOT attempt to charge damp/wet mobile computers, printers or batteries. All components must be dry before connecting to an external power source.

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 signifying the radio(s) is/are approved for use. Refer to the Declaration of Conformity (DoC) for details of other country markings. The DOC is available at: www.zebra.com/doc.

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 & 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's 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 equipments.

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:

- BT-000413 (4.4 VDC, 745 mAh)
- Zebra approved rechargeable battery packs are designed and constructed to the highest standards within the industry.
- However, there are limitations as to how long a battery can operate or be stored before needing replacement. Many factors affect the actual life cycle of a battery pack such as heat, cold, harsh environmental conditions,

and severe drops.

- When batteries are stored over six months, some irreversible deterioration in overall battery quality may occur. Store batteries at half charge in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts, and electrolyte leakage. When storing batteries for one year or longer, the charge level should be verified at least once a year and charged to half charge.
- Replace the battery when a significant loss of run time is detected.
- Standard warranty period for all Zebra batteries is one year, regardless if the battery was purchased separately or included as part of the host device. For more information on
- **Zebra batteries, please visit:** www.zebra.com/batterydocumentation and select the Battery Best Practices link.

Battery Safety Guidelines

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

IMPORTANT: SAFETY INSTRUCTIONS – SAVE THESE INSTRUCTIONS

WARNING: When using this product basic safety precautions should always be followed, including the following: The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non-commercial environment.

- Read all the instructions before using the product.
- Follow battery usage, storage, and charging guidelines found in the user's guide.
- Improper battery use may result in a fire, explosion, or other hazard.
- 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.
- Do not disassemble or open, crush, bend or deform, puncture, or shred. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.
- Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
- Do not modify, disassemble, or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water, rain, snow or other liquids, or expose to fire, explosion, or other hazard.
- Do not leave or store the equipment in or near areas that might get very hot, such as in a parked vehicle or near a radiator or other heat source. Do not place battery into a microwave oven or dryer.
- To reduce the risk of injury, close supervision is necessary when used near children.
- Please follow local regulations to promptly dispose of used re-chargeable batteries.
- Do not dispose of batteries in fire. Exposure to temperatures over 100°C (212°F) may cause explosion.
- Seek medical advice immediately if a battery has been swallowed.
- In the event of a battery leak, do not allow the liquid to come
- in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.
- If you suspect damage to your equipment or battery, contact Zebra support to arrange for inspection.

- Do not use a power pack in excess of its output rating. Overload outputs may result in risk of fire or injury to persons.
- Have service performed by a qualified Zebra service center. This will ensure safety of the product is maintained.

RF Exposure Guidelines 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.

LED Devices

Classified as “EXEMPT RISK GROUP” according to IEC 62471:2006 and EN 62471:2008. Pulse Duration:22.826 ms (CS6080 with scanner SE4100) Marking and European Economic Area (EEA)

Statement of Compliance

- Radio enabled devices: Zebra hereby declares that this 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: www.zebra.com/doc.

Waste Electrical and Electronic Equipment (WEEE)

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

FCC

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: Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 ([B])/NMB-3([B]) 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.

RF Exposure Requirements – FCC and ISED

The FCC has granted an 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.

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 using your equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Zebra Global Customer Support at www.zebra.com/support. For the latest version of this guide go to: www.zebra.com/support.

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

Patent Information

To view Zebra patents, go to ip.zebra.com.

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

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- **COPYRIGHTS:** zebra.com/copyright.
- **PATENTS:** ip.zebra.com.
- **WARRANTY:** zebra.com/warranty.
- **END USER LICENSE AGREEMENT:** zebra.com/eula.

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Documents / Resources

<div data-bbox="124 85 292 170"> <p>CS6080 Companion Scanner Quick Start Guide</p> </div> <div data-bbox="129 232 284 383">  </div>	<p>ZEBRA CS6080 Companion Scanner [pdf] User Guide CS6080 Companion Scanner, CS6080, Companion Scanner, Scanner</p>
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References

- [🌐 Patents | Zebra](#)
- [🌐 Patents | Zebra](#)
- [📶 Bluetooth® Technology Website](#)
- [🏢 Zebra Technologies | Visible. Connected. Optimized.](#)
- [🏢 123Scan | Barcode Scanning Software | Zebra](#)
- [🏢 Battery Documentation](#)
- [🏢 Contact Zebra | How to Buy, Support & Repair, Questions](#)
- [🏢 Copyright and Trademarks | Zebra](#)
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- [🏢 Software Product Categories and End User License Agreements | Zebra](#)
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- [🏢 Support and Downloads | Zebra](#)
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