ZEBRA Rugged Bluetooth Headset HS3100 User Guide

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HS3100
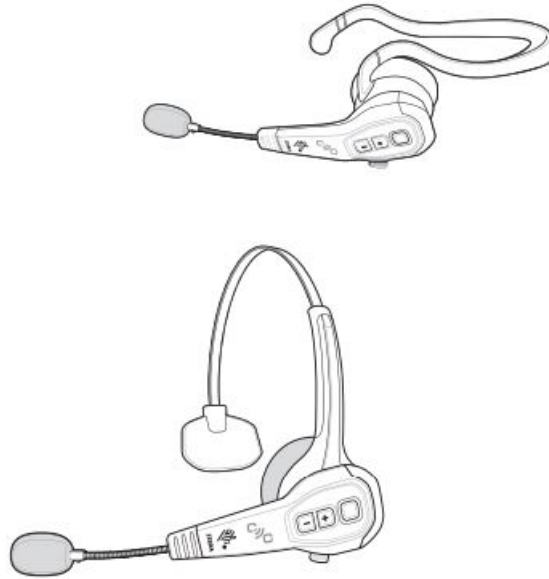
Rugged Bluetooth Headset

Quick Start Guide

ZEBRA

Contents

Features

✓ **NOTE** This guide applies to both the OTH and BTN headband models, unless otherwise noted.

Over-the-Head (OTH)
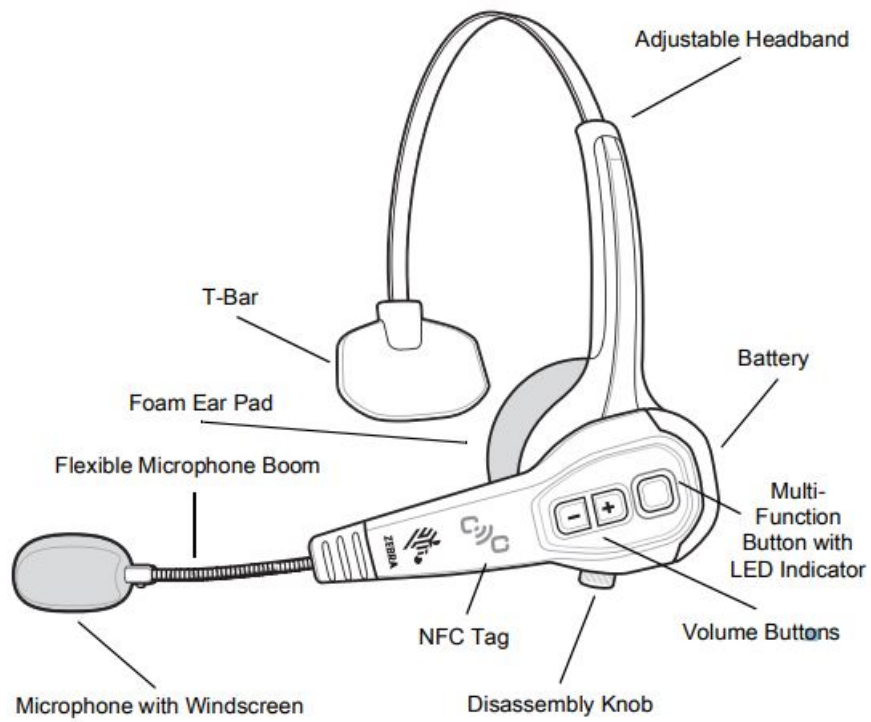
Behind-the-Neck (BTN)
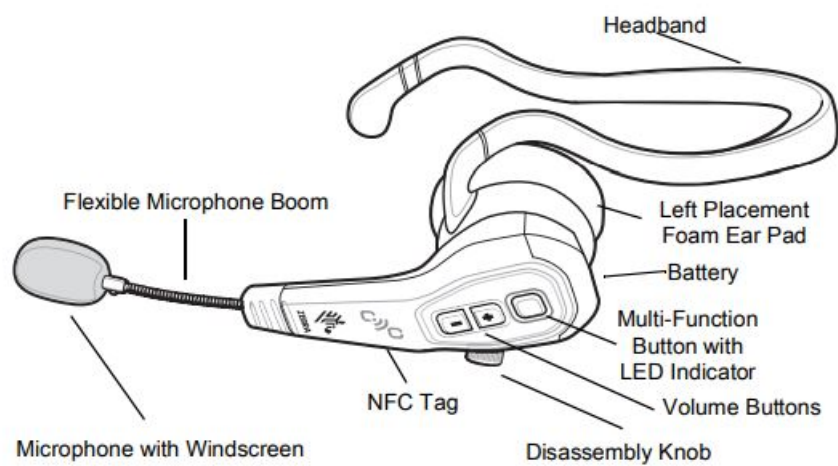
LED Indicator

LED Indicator (with no charger plugged in)	Headset Status
Three Blue Flashes	Power On
Three Red Flashes	Power Off
Blue and Red Alternate Flashes	Pairing Mode
Slow Blue Flash	Connected
Steady Blue	Not Connected
Slow Two Red Flashes	Low Battery

Charge the Battery
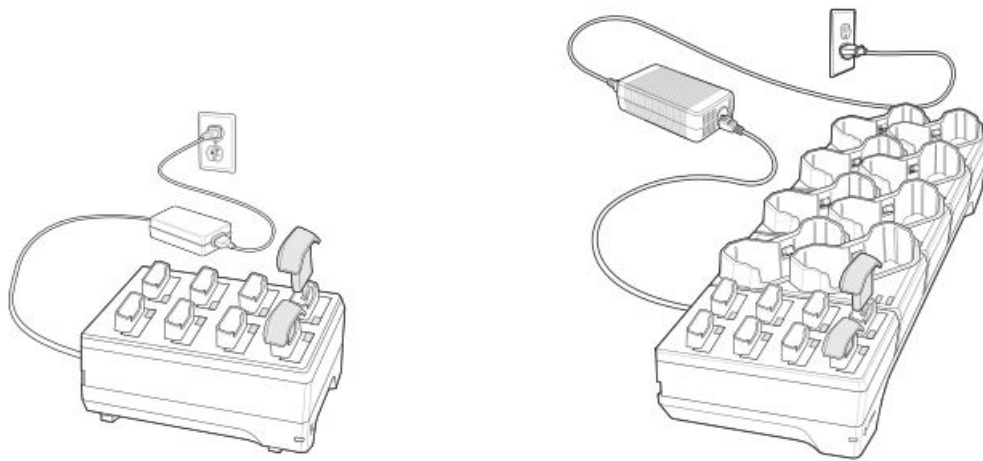
Insert the battery into the charger with the contacts facing forward.

Insert the Battery

Insert the battery with the contacts facing outward.

Power On Headset

Multi-Function Button
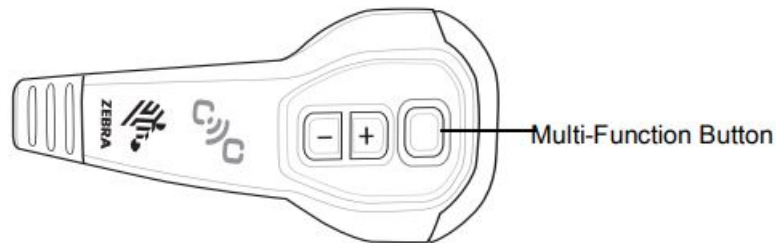
Press the Main Function button to turn the power on. The headset LED illuminates blue and flashes three times.

Condition	Action	Headset State
Headset in Low Power Mode	Press Multi-Function Button for two seconds	Headset goes into Pairing Mode or in Connected state
Headset in Low Power Mode	Press Multi-Function Button for three seconds	Headset goes into Pairing Mode
Headset is ON or Connected	Press Multi-Function Button for two seconds	Headset goes into Low Power Mode

Pair Headset with Device

The headset can be paired with other Bluetooth devices in the following ways:

• Touch-to-pair with devices supporting an NFC connection

NFC Tag
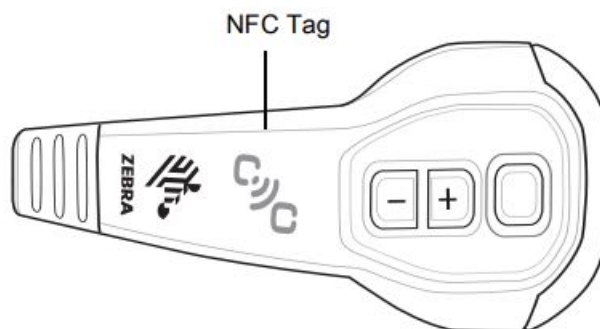
- Standard Bluetooth pairing where the host receives the headset information via an offline mechanism and connects with it
- Standard Bluetooth pairing where the headset is discovered by the host.

Position the Boom

Left Side Boom
Placement

Right Side Boom
Placement
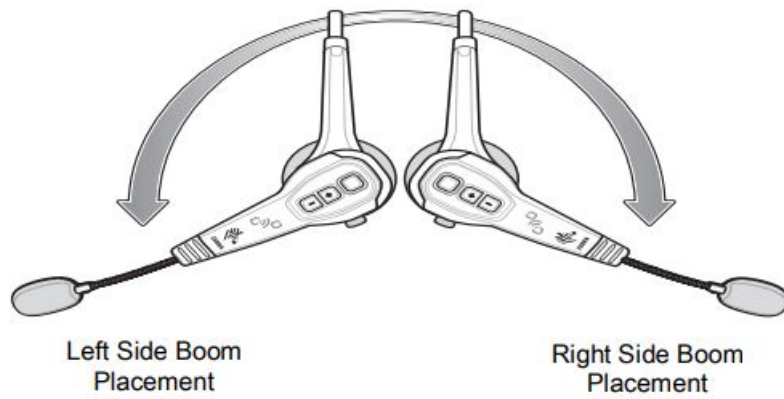
Do not rotate the boom beyond the stop point.

- Applies to OTH model. The BTN model has only left side boom placement.

Adjust the OTH Headband
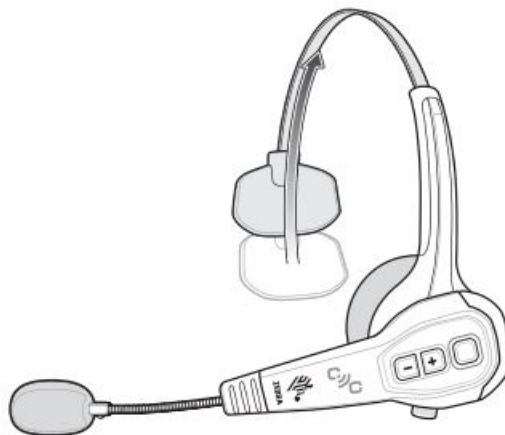
The headband can be squeezed for a tighter fit to the head and clicks as it is positioned into place. When adjusting the headband,

- Position the ear pad in the center of the ear.
- Position the T-Bar above the ear, half way between the top of the ear and the top of the head.

Adjust the Microphone
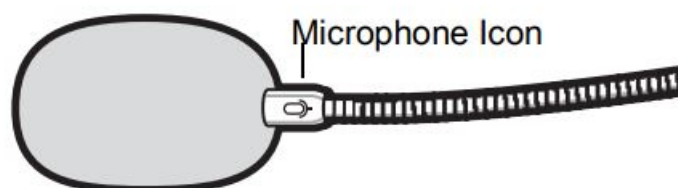
Microphone Icon

Position the microphone icon so that it is facing your mouth.

Adjust the Microphone Boom

Place the microphone two finger's width away from the corner of your mouth, so it is slightly to one side.

Mute the Microphone

Place the microphone boom in the upright position.

Adjust the Volume

Volume Up/Down Buttons
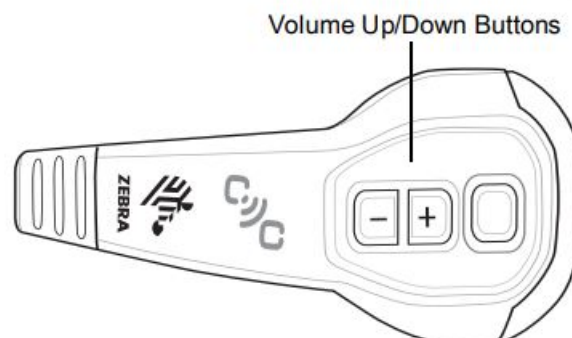
Audio Tones

Function	Audio Tones
Start Pairing	Two short low tones
Successful Pairing	Three rising tones
Headset Connected	One tone
Link Lost	Two low tones followed by a high tone
Low Battery	Two short tones every two minutes until shutdown
Mute	Two descending tones
Un-mute	Two rising tones
Power Up	Four tones
Power Down	Four descending tones

Maintenance

Replace T-Bar
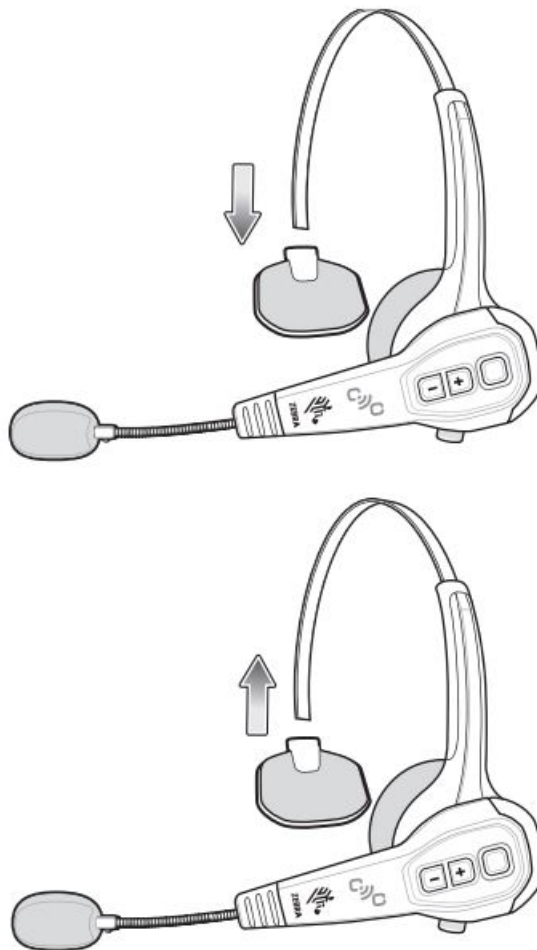
* Applies to OTH model.

Replace Headband
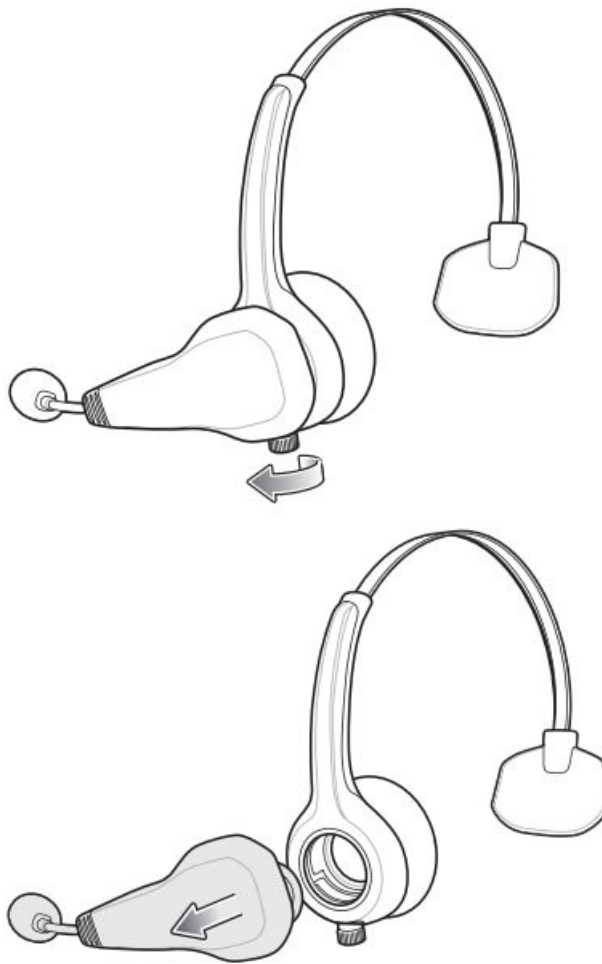
Disassemble the headset to replace the headband.

Replace Ear Pad

Firmly grip and pull the ear pad and inner casing.

Align and snap the new ear pad into position.

Remove the Battery
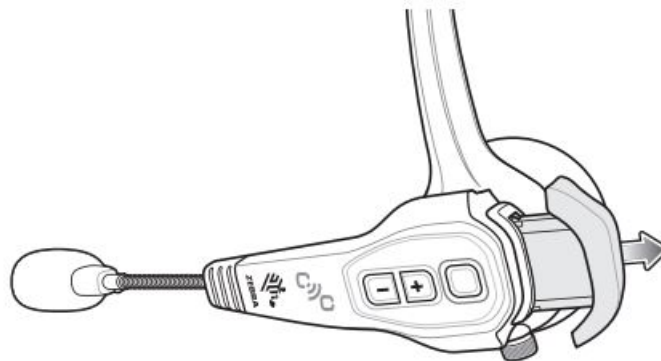
Replace Windscreen
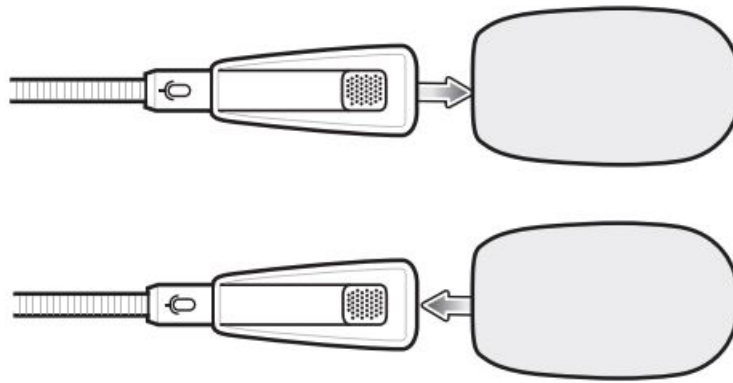
Maintain Headset in Freezer, Refrigerated, and Condensing Environments

1. When working in freezer, refrigerated, or condensing environments, replace the windscreen every four hours, or when it is wet or frozen.
2. If the microphone stops working, it could be wet. Remove the windscreen, shake the microphone boom, and place a dry windscreen on the microphone boom. Be careful not to grab the headset by the windscreen or squeeze the wet windscreen while it is on the microphone boom.

More Information

For more information, refer to the HS3100 Rugged Bluetooth Headset User Guide.

Parts and Accessories

Part Number	Description
HS3100-OTH	HS3100 Rugged Bluetooth Headset (Over-the-Head Headband)
HS3100-BTN-L	HS3100 Rugged Bluetooth Headset (Behind-the-Neck Headband Left)
HS3100-BOOM-01	HS3100 Boom Module
HSX100-BTN-L-HB-01	HSX100 BTN Headband Left Module
HSX100-OTH-HB-01	HSX100-OTH Headband Module
BTRY-HS3100-HS1-01	HS3100 Single Battery
BTRY-HS3100-HS1-08	HS3100 Battery Pack of 8
CBL-HS3100-CUC1-01	USB Type-A 36" (0.9M) Charging and Communication Cable
SAC-HS3100-B8W8-01	HS3100 8-Slot-Battery Charger & 8-Slot-WT6000 Charger
SAC-HS3100-B8-01	HS3100 8-Slot-Battery Charger
A9310272-003	HS3100 8-Slot-Battery Charger Spare Cup
KT-HSX100-OTH1-10	Over-the-Head Headband Pack of 10
KT-HSX100-BTNL1-10	Behind-the-Neck Headband Left Pack of 10
KT-HSX100-EPF1-20	HSX100 Headset Foam Ear Pad Pack of 20
KT-HSX100-EPL1-20	HSX100 Headset Leatherette Ear Pad Pack of 20
KT-HSX100-MWS1-50	HSX100 Headset Series Microphone Windscreen Pack of 50
KT-HSX100-TBP1-20	T-Bar with Pad Pack of 20

Regulatory Information

This device is approved under Zebra Technologies Corporation.
This guide applies to Model Number HS3100.
All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labelled as required.

Local language translation / Tradução do idioma local / Übersetzung in die lokale Sprache / Raduccion de idioma local / Traduction en langue locale / Prijevod na lokalni jezik / Traduzione in lingua locale / ■■ ■■ ■■ / Перевод на местный язык / / / Yerel dil çeviri / Tłumaczenie na język lokalny : **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

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 Vehicle Installation

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (including safety systems). Check with the manufacturer or its representative regarding your vehicle. Ensure the equipment is installed to avoid driver distractions. You should also consult the manufacturer about any equipment that has been added to your vehicle.
Position the device within easy reach. User should be able to access the device without removing their eyes from the road.

IMPORTANT: Before installing or using, check national and local laws regarding distracted driving.

Safety on the Road

Give your full attention to driving. Obey the laws and regulations on the use of wireless devices in the areas where you drive.

The wireless industry reminds you to use your device / phone safely when driving.

Restricted Use Locations

Remember to observe restrictions and obey all signs and instructions on the use of electronic devices in restricted use locations.

Safety in Hospitals and Aircraft

NOTE: 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 equipment's.

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**.

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:

Part Number BTRY-HS3100-HS-01 (3.7 VDC, 210 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

⚠️**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 +45°C (+32°F and +113°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 behaviour 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 rechargeable 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.

$C\epsilon$ 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 Conformity is available at: **www.zebra.com/doc**.
EU Importer : Zebra Technologies B.V
Address: Mercurius 12, 8448 GX Heerenveen, Netherlands

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
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**.

United Kingdom
UK|CA 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 Conformity is available at: **www.zebra.com/doc**.

UK Importer: Zebra Technologies Europe limited

Address: Dukes Meadow, Millboard Rd, Woodburn Green, Bourne End SL8 5XF

Warranty

For the complete Zebra hardware product warranty statement, go to: **zebra.comwarranty**.

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.comsupport**.
For the latest version of the guide go to: **zebra.comsupport**.

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, visit **www.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.

Additional Information

For information on using the HS3100, refer to the HS3100 product guide available at: **zebra.comsupport**.

Zebra Technologies Corporation Lincolnshire, IL USA **http://www.zebra.com**

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Documents / Resources

ZEBRA Rugged Bluetooth Headset HS3100 [pdf] User Guide
ZEBRA, Rugged, Bluetooth, Headset, HS3100

Manuals+,