

# WS101

## Bluetooth Communication Badge



**ZEBRA**

## Quick Start Guide

2025/10/22

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## Model Number

This guide applies to the model number: WS1013

## Unpacking the Device

Before using the device, carefully unpack the device by following the recommended unpacking procedures:

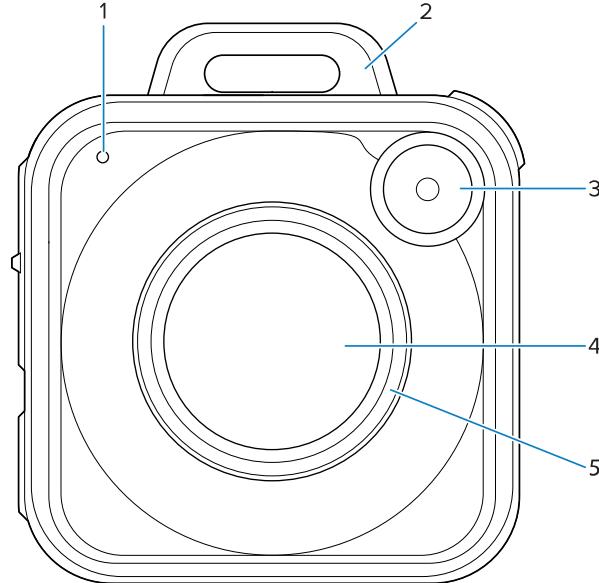
1. Carefully remove all protective material from the device and save the shipping container for later storage and shipping.
2. Verify the box contains all the equipment listed below:
  - Device
  - Lithium-ion battery
  - Regulatory Guide
3. Inspect the equipment for damage. If you are missing any equipment or if you find any damaged equipment, contact Support immediately.

## Device Features

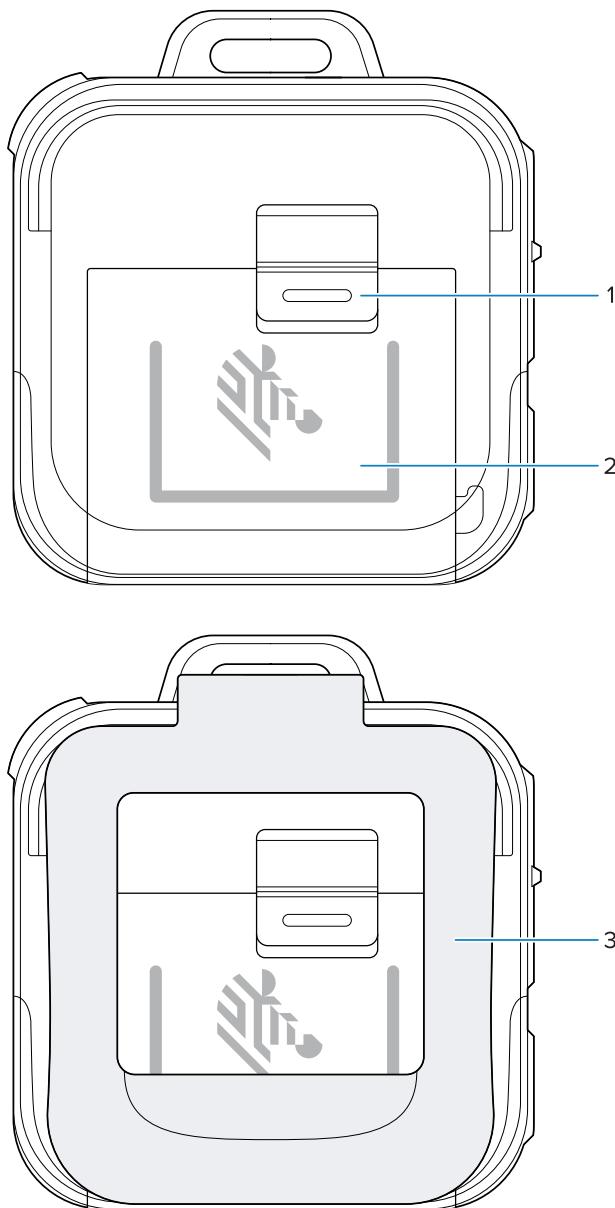
The device is a lightweight wearable Bluetooth device, allowing workers to communicate without picking up a phone or tablet. The device features a variety of programmable buttons.

### Front View

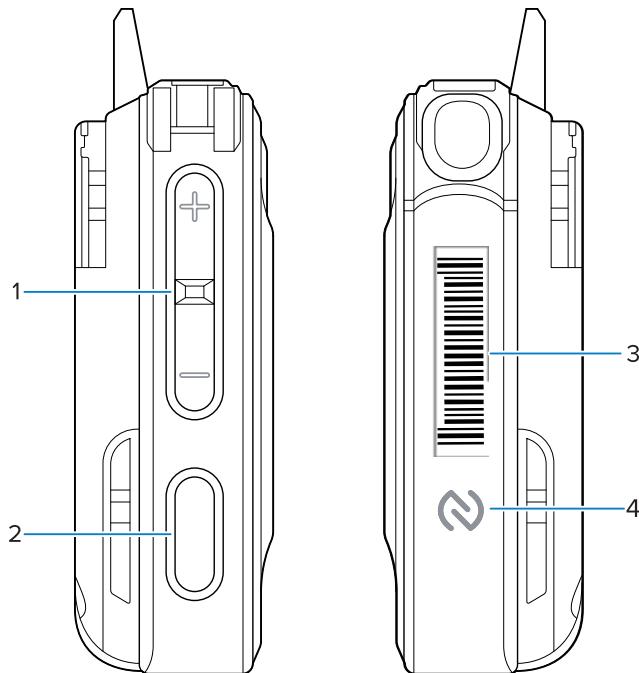
**Figure 1** Front View



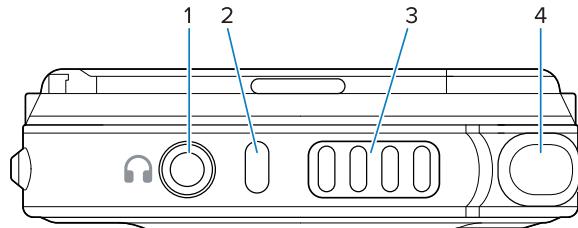
Number	Item	Function
1	Microphone	Captures voice.
2	Badge Clip Tower Bar	Enables the attachment of a badge clip to the device.
3	Power	<p>The Power button performs multiple functions:</p> <p><b>Power:</b> Press and hold to turn the device on or off.</p> <p><b>Pairing:</b> When the device is powered for the first time, enters pairing mode for Bluetooth setup. Otherwise, hold the button to enter pairing mode.</p> <p><b>Calling:</b> Initiates two-way call control on telephony devices.</p>
4	P1	<p>P1 is a programmable button that sends an event to a registered application.</p> <p> <b>NOTE:</b> The button does not have a default function, but push-to-talk is the suggested function.</p>
5	LED Ring	Provides a visual indicator for a variety of functions, such as pairing, battery level, incoming calls, and calls on hold. Indicators may vary depending on configuration settings.

**Rear View****Figure 2** Rear View

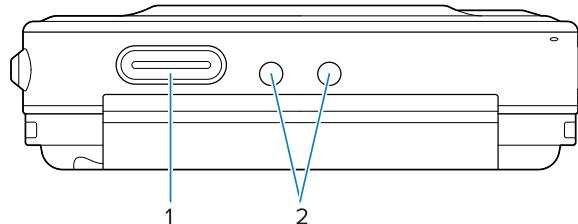
Number	Item	Function
1	Battery Latch	Locks the removable battery into place. Slide or press the latch to release the battery only when necessary.
2	Removable Battery Pack	Provides the device's power. To install the battery, see <a href="#">Installing the Battery</a> for more information.
3	Clothing Clip	Securely attaches the device to clothing, typically a shirt collar, pocket, or lapel.

**Side View****Figure 3** Side View, No Clothing Clip

Number	Item	Function
1	Volume Up + and Down -	Adjusts the speaker volume. Press + to increase the volume and - to decrease the volume.
2	P2	P2 is a programmable button that sends an event to a registered application.  By default, the P2 button mutes the microphone when on an ongoing cellular call.
3	Barcode	Enables scan-to-pair for Bluetooth functionality. See <a href="#">Pairing the Device</a> for more information.
4	NFC Tag	Enables touch-to-pair for Bluetooth functionality. See <a href="#">Pairing the Device</a> for more information.

**Top View****Figure 4** Top View, No Clothing Clip

Number	Item	Function
1	3.5 Audio Jack	Input for audio device.   <b>NOTE:</b> The 3.5 mm Audio Jack is not available on the blue version of the device.
2	Top LED	Provides a visual indicator for a variety of different statuses, such as receiving an incoming call or placing a call on hold.
3	Speaker	Projects audio clearly from the device.
4	P3	P3 is a programmable button that sends an event to an application.

**Bottom View****Figure 5** Bottom View, No Clothing Clip

Number	Item	Function
1	USB-C Port	Charges the internal battery through the connection to a USB-C power source. A cable is not included.   <b>NOTE:</b> The USB-C port does not support attaching any USB-C accessories, such as a headset.

Number	Item	Function
		 <b>NOTE:</b> The USB-C port is not available on the blue version of the device.
2	Charging Contacts	Facilitates the transfer of power from an external charging source to the device's battery.   <b>NOTE:</b> Only used with the cradle.

## Setting Up the Device

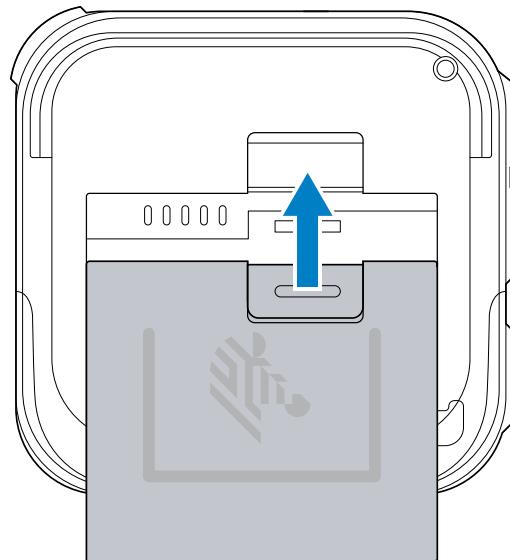
This section explains how to set up your device to start using the device.

1. Install the battery.
2. Fully charge the battery to ensure optimal performance.
3. Power on the device.
4. Pair the device through Bluetooth.
5. Attach the device to your clothing or badge clip.

## Installing the Battery

The device comes with a removable lithium-ion battery that requires installation before use.

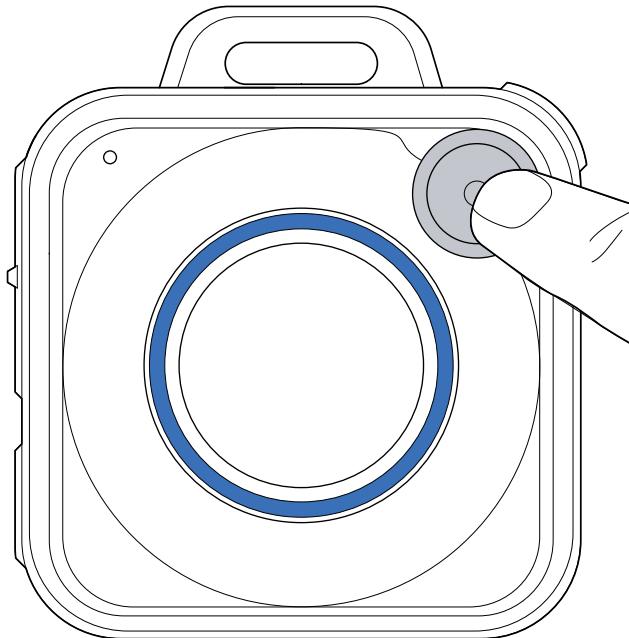
1. Locate the battery compartment on the back of the device.
2. Align the battery contacts with the corresponding contacts in the battery compartment and slide the battery into place, ensuring it fits snugly.



## Powering On the Device

This section details how to turn on the device and what to expect during the startup process.

1. Press and hold the Power button for approximately two and a half seconds.



2. Release the button once the LED Ring indicator on the device begins to illuminate. This confirms the device has successfully powered on. The device must be paired to a host to properly function.



**NOTE:** The device automatically powers off if it is not paired within five minutes of being powered on. See [Pairing the Device](#) for more information.

## Powering Off the Device

Power off the device when not in use to conserve battery.

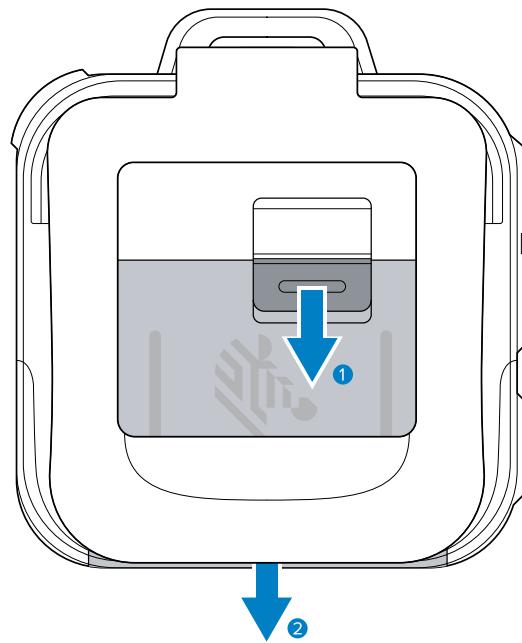
To power the device off, press the Power button for approximately two and a half seconds. A Power Off audio alert plays through the speaker to inform you when the device is no longer powered.

## Removing the Battery

The removable battery allows for replacement and maintenance.

1. Power off the device.
2. Disconnect the device from all accessories.
3. Locate the battery compartment on the back of the device.

4. Identify the battery release latch. Slide this latch to disengage the battery (1).



5. Slide the battery out of the device (2).
6. Inspect the battery for any signs of damage or debris and store the battery in a safe and dry location.

## Using the Zebra BT Comms Utility

The Zebra BT Comms Utility app is a management tool for the device.

The Zebra BT Comms Utility app provides device information, configuring settings, customizing button functionality, updating firmware, and performing diagnostics. For a detailed explanation about the app and its functionality, refer to the WS101 Bluetooth Communication Badge Product Reference Guide.

Download the Zebra BT Comms Utility app from the Google Play Store or the [WS101 support page](#).

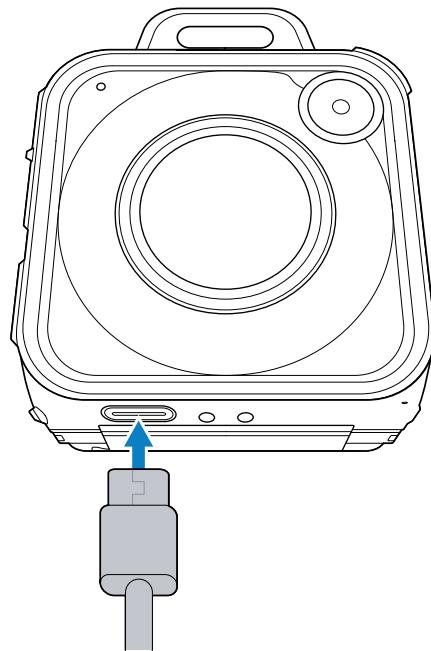
## Charging the Device

Before using the device, fully charge the battery to ensure optimal performance.

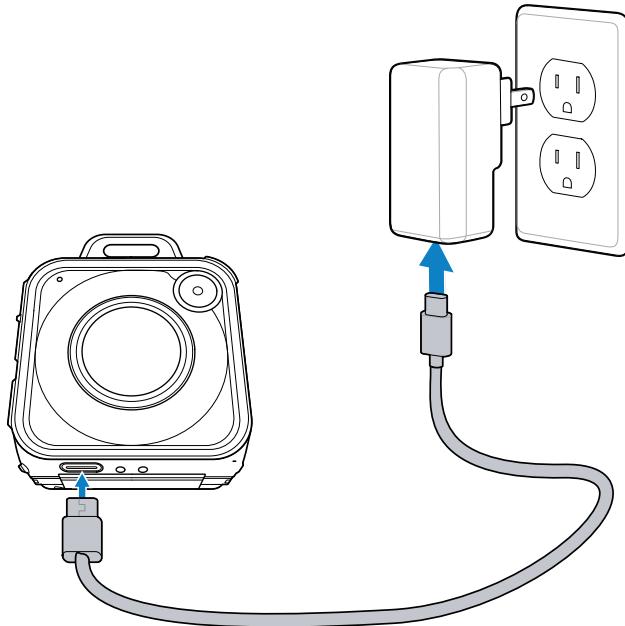


**NOTE:** The blue WS101 does not support USB-C charging. The blue WS101 requires on cradle charging or remote battery charging using an external charger.

1. Connect a USB-C charging cable to the USB-C port located on the bottom of the device.



2. Connect the other end of the cable to a powered USB port, such as a wall adapter or a powered computer.



3. Verify the charging status by checking the LED Ring on the front of the device. The LED Ring illuminates yellow to indicate charging.

## LED Battery Indicator

The LED Ring on the front of the device provides a variety of visual indicators.

The LED Ring visually displays the current power level of the installed battery. The LED forms a ring that illuminates progressively based on the battery's charge. A full green circle, for example, indicates the battery is fully charged, whereas a half circle indicates the battery is at fifty percent power. A complete yellow circle indicates the battery is currently charging.

## Charging Accessories

Use one of the following accessories to charge the device and/or spare battery.

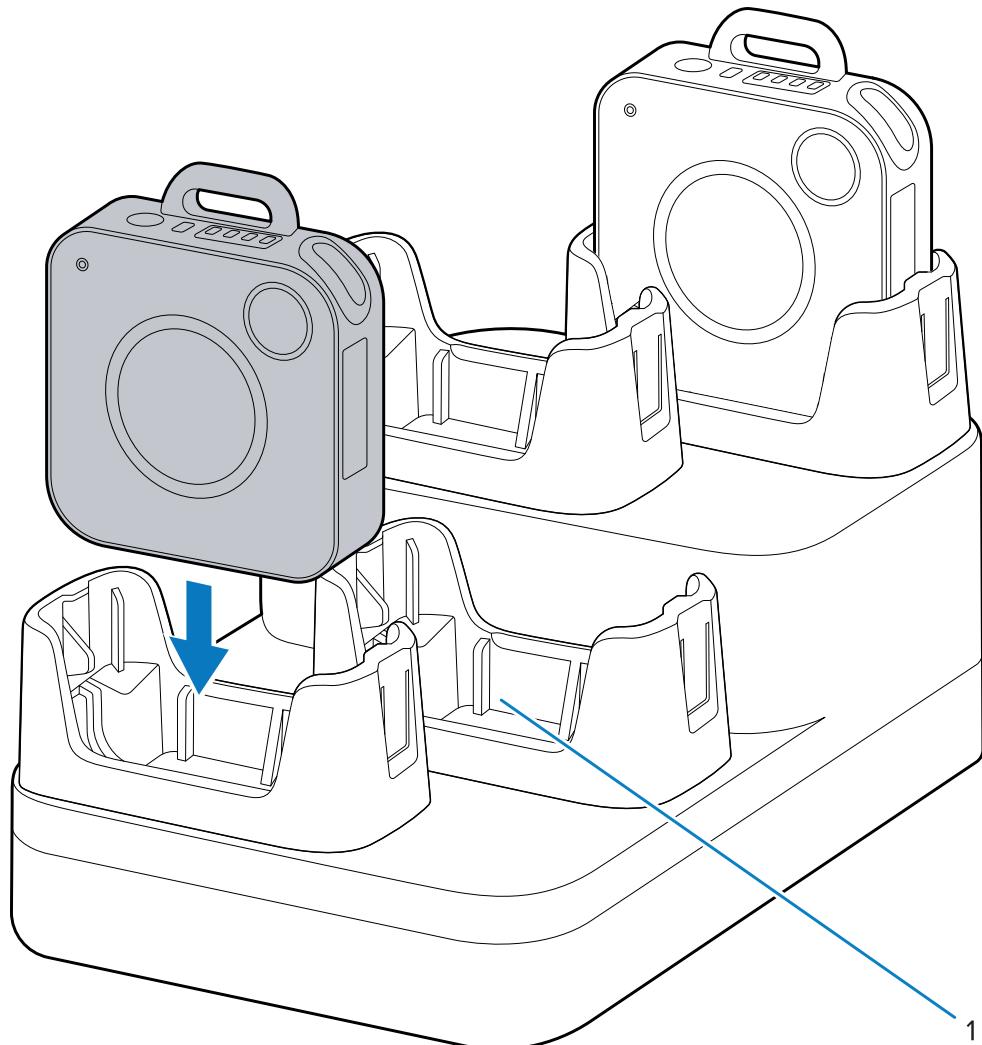
### Charging Accessories

Description	Part Number	Charging	
		Battery (In device)	Spare battery
4-Slot Charge-Only Cradle	CRD-WS1X3-4SC-01	Yes	No
20-Slot Charge-Only Cradle	CRD-WS1X3-20SC-01	Yes	No
6-Slot Battery Charger	SAC-WS1X-6S4-01	No	Yes
30-Slot Battery Charger	SAC-WS1X-30S4-01	No	Yes

## 4-Slot Charge-Only Cradle

The 4-Slot Charge-Only Cradle charges up to four devices simultaneously.

**Figure 6** 4-Slot Charge-Only Cradle



1	Device charging slot with shim
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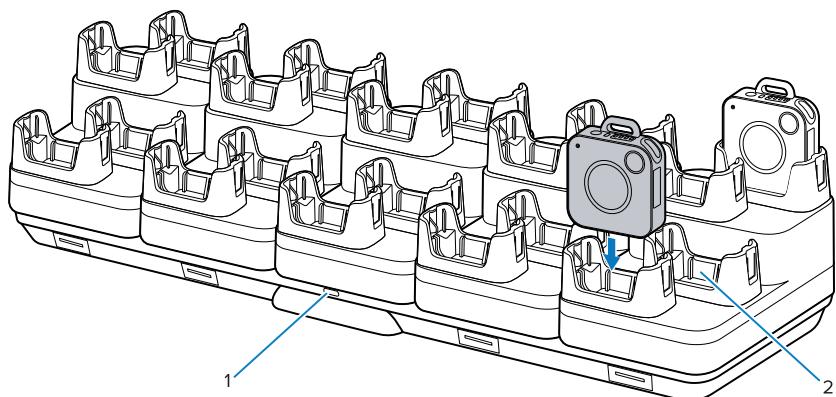


**NOTE:** Insert the device properly in the slot to charge it.

## 20-Slot Charge-Only Cradle

The 20-Slot Charge-Only Cradle charges up to twenty devices simultaneously.

**Figure 7** 20-Slot Charge-Only Cradle



1	Power LED
2	Device charging slot with shim

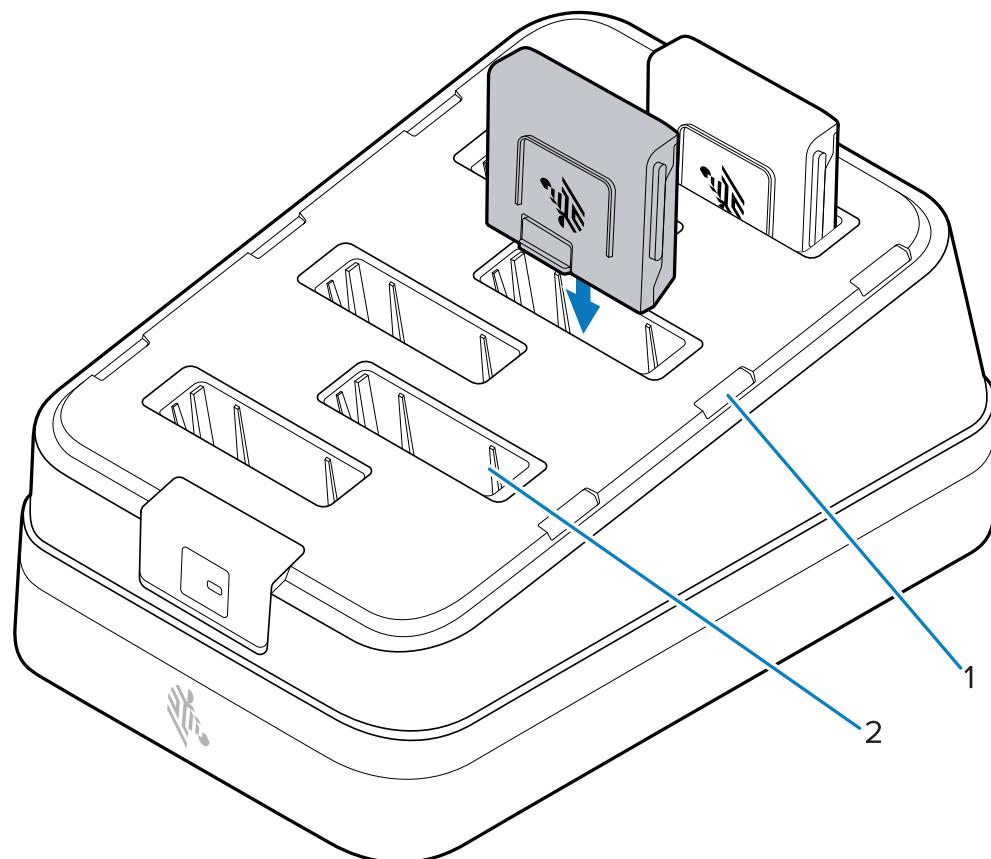


**NOTE:** Insert the device properly in the slot to charge it.

## 6-Slot Battery Charger

The 6-Slot Battery Charger charges up to six spare batteries.

**Figure 8** 6-Slot Battery Charger



1	Charging LED
2	Battery charging slot

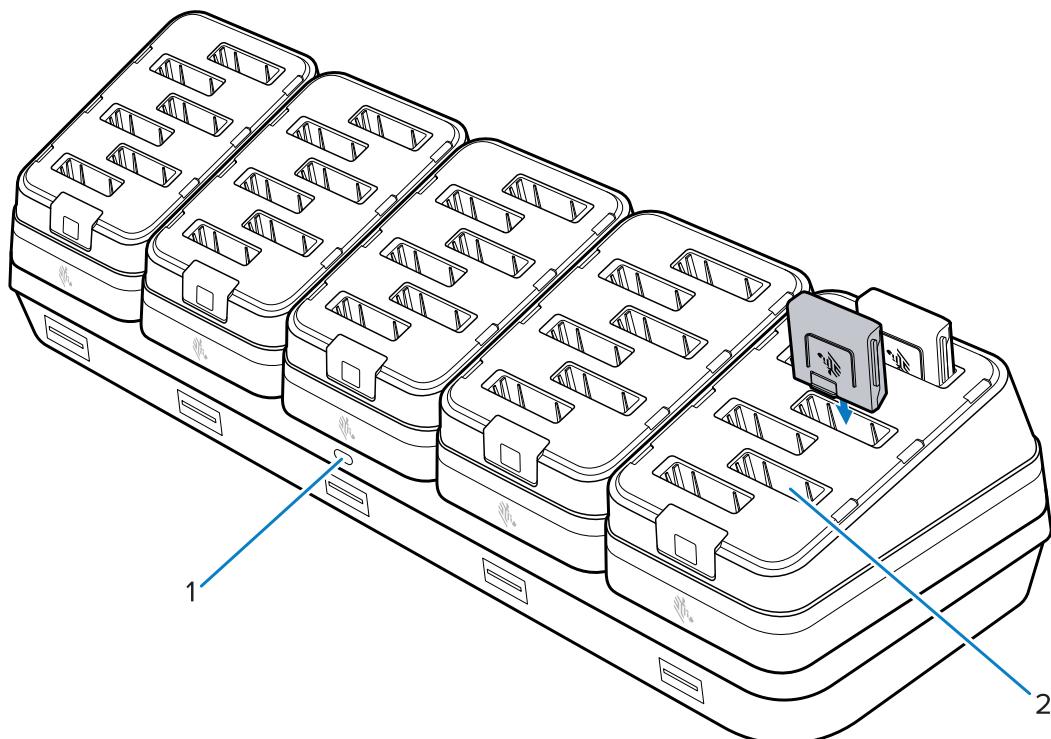


**NOTE:** Insert the battery properly in the slot to charge it.

## 30-Slot Battery Charger

The 30-Slot Battery Charger charges up to thirty batteries simultaneously.

**Figure 9** 30-Slot Battery Charger



1	Power LED
2	Battery charging slot



**NOTE:** Insert the battery properly in the slot to charge it.

## Device Pairing

The device is pairable with Bluetooth devices.

- Tap-to-pair using NFC-enabled hosts.
- Discovery mode using and holding the Power button.
- Scan-to-pair using the Bluetooth MAC address barcode.

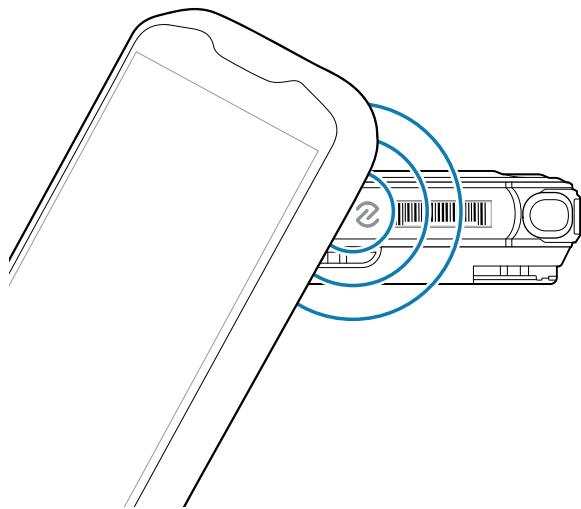
## Pairing with NFC

The device is NFC-enabled and supports Bluetooth tap-to-pair.



**NOTE:** The host device must support Tap-to-pair.

1. Power on the device.
2. Align the host device's NFC reader icon with the NFC icon on the device.



The device provides a successful pairing audio alert, and the LED ring flashes blue when successfully paired.

## Pairing with Bluetooth Discover

This method of pairing allows the host device to discover the device manually over Bluetooth.



**NOTE:** The serial number for the device is printed on the back of the device and is viewable by removing the battery

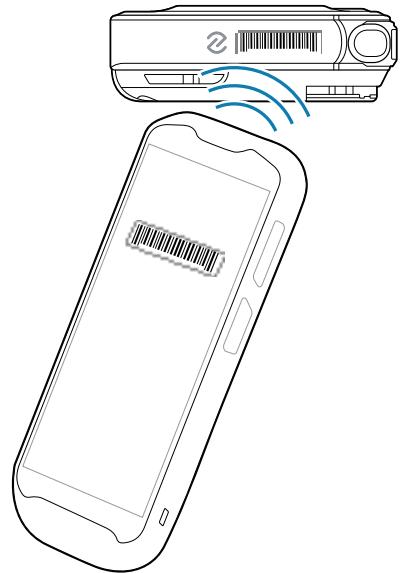
1. Power off the device.
2. Press and hold the Power button until the LED Ring flashes blue and white, and pairing is announced.
3. Navigate to the Bluetooth settings on the host device, and then scan for available devices.
4. Select the device in the list of discovered Bluetooth devices. Depending on the host device, you may need to confirm a passkey to complete the pairing.

## Pairing with a Barcode

This pairing method is for devices that support pairing via scanned Bluetooth MAC addresses, such as Zebra mobile computers.

1. Power on the device.

2. Scan the barcode label on the device using a Zebra mobile computer (with an integrated scanner) or a compatible device.



3. Accept the connection prompt on the device once the scanned MAC address triggers the device to begin pairing.

## Hands-Free Operation

The device is designed for flexible, hands-free communication. You can wear the device on your clothing with the lapel mount, or around your neck with a lanyard, depending on your preferences and work environment.

### Attaching to the Lapel

Use the attached clothing clip on the back of the device to securely attach the device to your shirt, jacket, or uniform lapel. It is recommended for optimal performance that the device be no more than eight inches away from the user's mouth.

1. Ensure the fabric is flat and firm.
2. Select a location for the device on the garment that is close to the user's mouth.

3. Slide the clip over the edge of the garment until the device fits snugly.



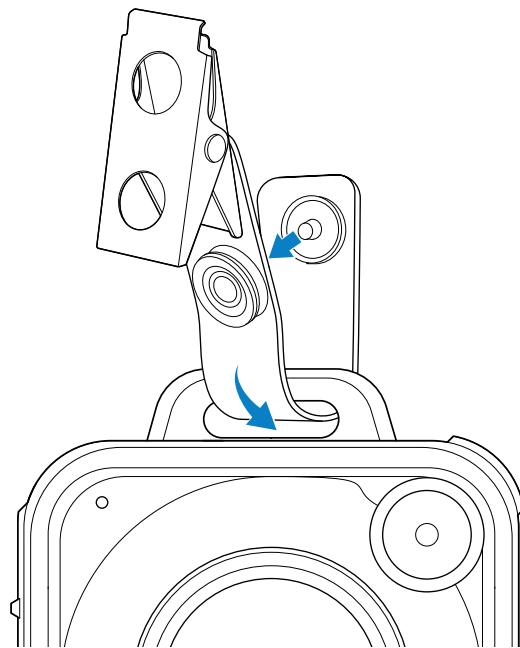
4. Confirm the device is upright, with the speaker and microphone facing toward the user.

## Attaching to a Badge Clip

Use the badge clip tower bar, located at the top of the device, to wear the device around the neck. A badge clip is not supplied with the device. It is recommended for optimal performance that the device be no more than eight inches away from the user's mouth.

1. Detach the clothing clip, located at the back of the device, by pressing the clip release buttons on the sides of the device and sliding the clip upwards.

2. Attach the badge clip, which is not included with the device, to the badge clip tower bar.



3. Ensure the device hangs upright, with the speaker facing toward the user's head.

