Markdown Ring Scanners

SIERRA®

Markdown Ring Scanners are a finger-worn, wireless scanning technology that allows for faster, more efficient scanning of markdowns. The scanner is designed to be easily paired to any TC5x markdown scanner. Each Sierra store is assigned one ring scanner per each markdown scanner (maximum four (4) per store).

Follow the steps below to successfully setup, pair and utilize your markdown ring scanners.

Initial Unboxing & Setup

STEP	ACTION	EXAMPLE
1.	**FY24 Q3 Self-Installation** As ring scanners are deployed to stores, they require self-installation by a member of store management. Upon receiving your ring scanner delivery, please open the package and inspect all contents to ensure all equipment is included. The ring scanner package should include the following items: 1) Four (4) boxed Zebra RS5100 Ring Scanners 2) One (1) boxed RS5100 Quad Charger 3) One (1) Quad Charger power supply (not pictured) If you are missing any items, please immediately contact sierra_store_technology@tjx.com	

2.	**Charger Prep** a. Open and unbox the Ring Scanner Quad Charger. All packaging and documentation can be discarded. b. Unbag the Quad Charger Power Supply, remove cable ties and connect both pieces of the cable together. c. Insert the round connector of the Power Supply to the corresponding power connection on the rear of the Quad Charger and place the assembled charger aside.	
3.	**Ring Scanner Prep** Open and unbox each Ring Scanner, **one at a time**. All packaging and documentation can be discarded. In addition, the security screw inside of the pink bag can be discarded.	
4.	**Battery Assembly** Align each Ring Scanner and Ring Scanner Battery, as pictured. Place the battery pack flush against the bed of the scanner and carefully slide the battery into place until the metal battery attachment clip fully clicks into place.	

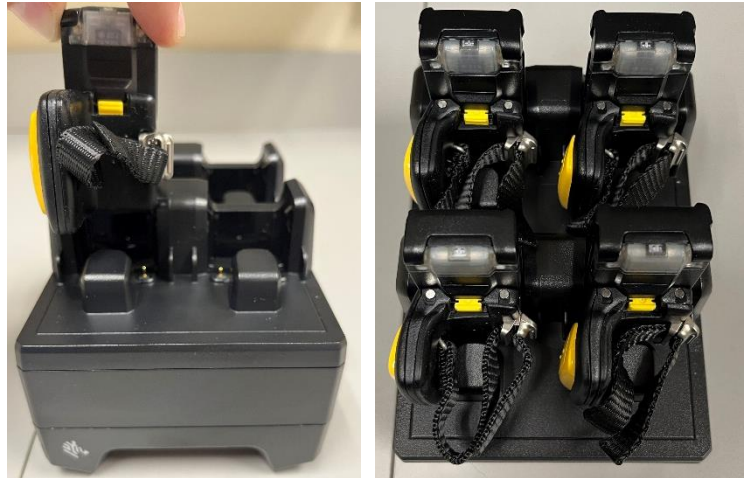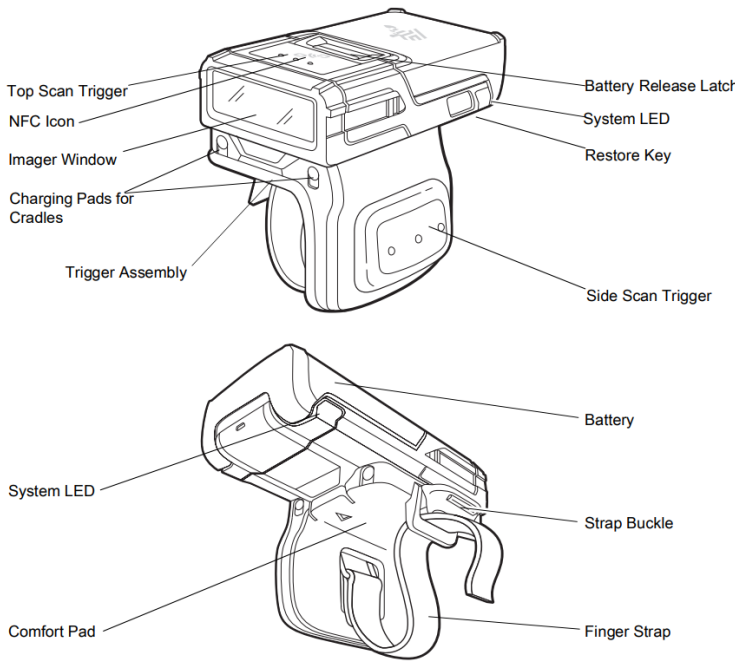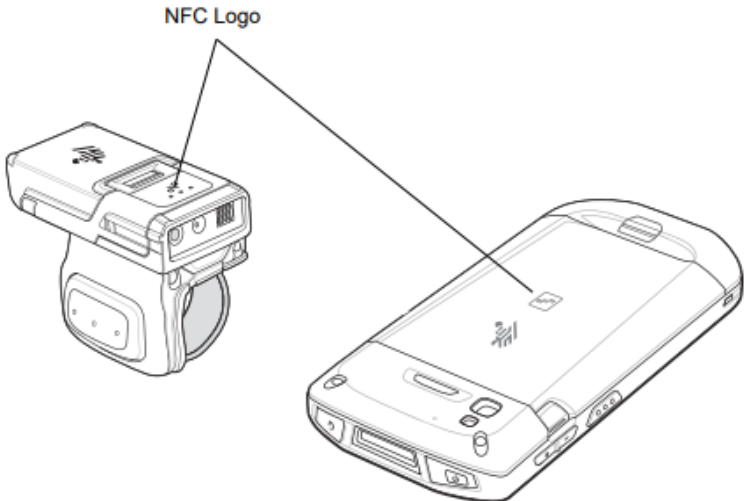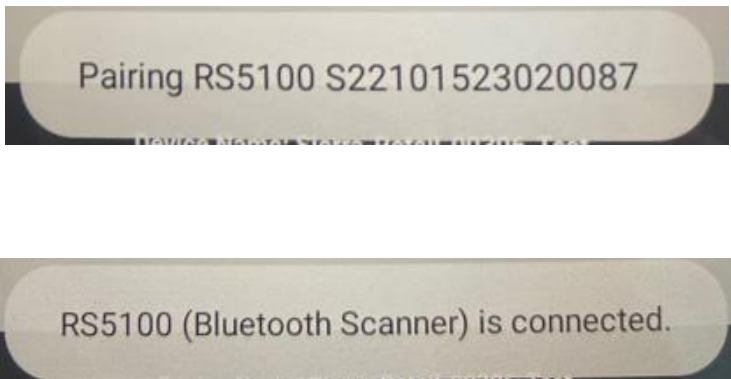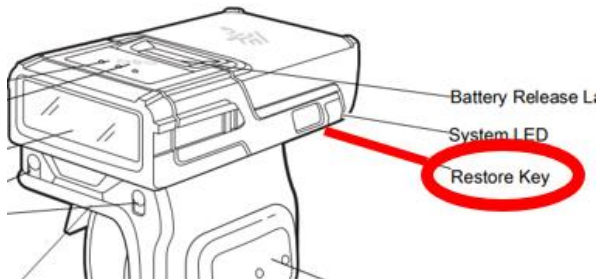|		
	Note: Ring Scanner batteries will ship without being pre-charged.	
5.	**Ring Scanner Charging** Once all Ring Scanners are fully assembled, please insert each scanner into the Quad Charger a. Ensure that the front of the Quad Charger is facing you. b. Face the Ring Scanner so the bottom of the scanner is facing you and the yellow trigger button is to the left. c. Carefully lower each scanner into an open charging bay and press down until the scanner clicks into place. Be sure to reposition the scanner finger strap around the bay opening, as needed.	
6.	**Powering On** a. After inserting all four Ring Scanners into the Quad Charger, move the charger and attached power supply to the ASM Office and set the charger next to the other markdown equipment*. b. Plug the charger into an available power outlet. c. After several seconds, all four Ring Scanners will sound a power-on tone and emit a light green status light.	
7.	**Ring Scanner Charging Cycle** A full charge for the Ring Scanner is 2-3 hours. Please fully charge all scanners before first use.	

General Device Information

STEP	ACTION	EXAMPLE
1.	**General Information** The Zebra RS5100 Ring Scanner is designed with the following key features: 1) **Battery Release Latch** – when lifted, allows the battery to be removed from the ring scanner body 2) **Side Scan Trigger** – primary scanning button 3) **Finger Strap** – used to fasten the scanner to the middle or ring finger 4) **Strap Buckle** – when lifted while the scanner is being worn, the buckle adjusts the tension of the finger strap	
2.	**Scanner Status Lights** The Ring Scanner will emit certain status lights during normal operation. a. A steady light green light means the scanner battery is charging. b. A steady dark green light means the scanner battery is fully charged. c. A steady red light means the scanner battery is low.	

Markdown Ring Scanners

Pairing & Wearing Instructions

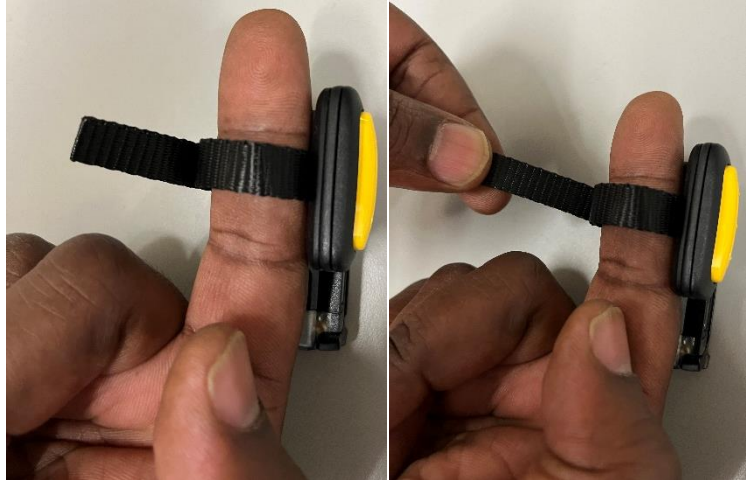| STEP	ACTION	EXAMPLE
1.	**Pairing the Ring Scanner** The ring scanner is meant to be wirelessly pair to a TC5x markdown scanner during <u>each</u> separate scanning session. a. Make sure both scanners are powered on. b. Sign into the Retail Cadence app and select a mobile markdown printer. c. Hold the top of the ring scanner against the back of the TC5x. Line up the **NFC logo** on each device.	
2.	**Completing Pairing** a. Once you join the two devices, you will hear a beep and the bottom of the TC5x will display "Pairing RS5100" along with the ring scanner serial number. b. Wait 5-10 seconds; there will be a second beep and the ring scanner will beep and show that the scanner is now connected. c. The ring scanner is now ready for use. Keep the scanner within 20-30 feet of the TC5x while scanning. For example, leave it on a markdown cart with the printer.	Pairing RS5100 S22101523020087 RS5100 (Bluetooth Scanner) is connected.
3.	**Troubleshooting** If you cannot get the devices to pair, try restarting each of them. To restart the Ring Scanner, pressing and holding the Restore Key until you hear a beep, then release. Once powered back on, try pairing again.	

4.	**Finger Strap Adjustment** The Zebra RS5100 Ring Scanner is designed for easy use and a comfortable fit. a. Insert your ring or middle finger from your dominant hand into the center of the finger strap area and ensure the strap is fully surrounding your finger. b. As best practice, position the finger strap in the center of your finger. Adjust the height of the strap/scanner, at your preference. c. Gently pull the strap edge while keeping your finger still. The strap will begin to tighten. Adjust the strap to your preferred fit. d. To release your finger from the scanner, lift the strap buckle and apply pressure to the strap to loosen. Note: Ring Scanner finger straps are treated with an antimicrobial material. Do not attempt to clean the strap with liquid cleaners or spray disinfectant directly onto the strap or device.	
5.	**Scanning Operation** Once the Ring Scanner is fitted to your finger, simply press the yellow trigger button on the side of the scanner to conduct a scan. When pressed, a red light will emit from the front of the scanner and a tone will sound once a barcode is scanned. Tones will differ based on scan type. Always follow the prompts on the Retail Cadence screen to validate that a markdown scan has been accepted.	