

# **ZEBRA RFD5500 UHF RFID SLED**

## TURN ZEBRA MOBILE COMPUTERS INTO BUSINESS-CLASS HANDHELD RFID READERS

#### EXTEND THE BENEFITS OF RFID FURTHER INTO THE ENTERPRISE

The RFD5500 UHF RFID Sled brings industry-leading RFID technology to your MC55, MC65 or MC67 mobile computers.\* This versatile accessory makes these mobile computers state-of-the-art handheld RFID readers that are at home in the storefront, carpeted business areas, best suited for indoor applications. With its light weight, rugged design and well-balanced, gun-style grip, the RFD5500 is suited to the most read-intensive applications. And the advanced, high efficiency Zebra RFID reader engine gives you fast read rates, high throughput – and improved productivity in your operation.

#### EASY-TO-USE LOCATING CAPABILITY

Many RFID handheld readers can identify the general proximity of an item – for example, a shelf. The RFD5500 offers a unique combination of intuitive audible and visual cues to quickly guide a worker to the precise location of any desired item. As the device moves closer to a specific item, a tone beeps louder and faster, while a sliding graphical bar increases in size. So your employees can locate any individual item, regardless of where it may be, quickly and easily.

#### SUPERIOR RFID PERFORMANCE

Most RFID readers offer you a choice of antennas: linear polarization for a longer read range or circular polarization for wider coverage. Zebra's patented omnidirectional antenna offers the best of both worlds – a superior read range and superior coverage area. The orientation agnostic antenna in the RFD5500 delivers extraordinary reliability and there's no need to precisely align the reader with the tag. That means your workers can quickly and accurately capture data on even the most challenging items — from a pile of clothing in a retail store or a box of files in the office to a shelf full of data tapes in the data center.

#### DUAL DATA CAPTURE FUNCTIONALITY

The RFD5500 adds best-in-class RFID data capture technologies to the best-in-class bar code scanning ability of your MC55, MC65 or MC67. The versatility of using two readers in a single device means employees can locate products, read non-line-of-sight RFID data, and capture even damaged and poor quality 1-D bar codes without interrupting workflow. Meanwhile, you have fewer devices to purchase and manage, which translates to a lower cost of ownership for you.

\* Supports MC55 Series (MC55N0-xxx and MC55A0-xxx) and the MC6X Series (MC65 and MC67, excluding Android configurations)

For more information on the RFD5500 UHF RFID Sled, please visit us on the web at <u>www.zebra.com/rfd5500</u> or access our global directory at <u>www.zebra.com/contact</u>.

### Inserting the MC55, MC65 or MC67 into the Sled



#### **FEATURES**

Business-class RFID handheld for global deployments

Supports regions based on European, Japanese and US RFID frequencies

#### Zebra RFID reader engine

Delivers advanced, high efficiency read performance for faster read rates and higher throughput

#### Easy-to-use Application Programming Interfaces (APIs)

Rapid and cost-effective application development

#### MAX RFID ANTENNA

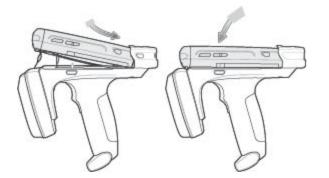


Maximize the performance of your RFID solutions with this patented orientation insensitive antenna. The unique combination of linear and circular polarization maximizes read range and coverage area, delivering the extraordinary reliability required to capture tags — even on the most challenging items.

#### MAX SECURE



MAX Secure provides the security features required to ensure secure data transmissions over either the WLAN or the WWAN —



Slide the mobile computer into the Sled until it locks into place. The latches secure the mobile computer to the sled.

## **RFD5500 SPECIFICATIONS**

Weight395 g (not including MC55)B; EN 301 489-1; EN 301 489-3; E 55022; EN55024RFID Battery3.7V, 2400 mAhElectrical SafetyUL 60950-1, CSA C22.2 No. 60950 IEC 60950-1Data Capture OptionsRFIDElectrical SafetyUL 60950-1, CSA C22.2 No. 60950 IEC 60950-1USER ENVIRONWENTRF ExposureEU: EN 50364; USA: FCC OET Bulletin 65 Supplement C; Canada: RSS-102Drop Spec4 ft./1.2 m drop to concrete across the operating temperature rangeRFIDTumble Spec250 1.64 ft./.5 m tumbles (500 drops) at room temperatureRFIDOperating Temp14° F to 122° F/-10° C to 50° CThe RFD5500 is warranted against defects in workmanship and materials for a period of one year (12 months) from date shipment, provided the product remains unmodified and is operated under normal and proper conditions.Electrostatic Discharge +/-SkV di riect discharge, +/-8kV dc indirect discharge, +/-8kV dc indirect discharge, +/-8kV dc indirect discharge, +/-8kV dc indirect discharge, +/-8kV di rest discharge, +/-8kV di rest discharge, +/-8kV dc indirect dischar	PHYSICAL CHARACTERISTICS		REGULATORY	
Weight395 g (not including MCS5)55022; ENS5024RFID Battery3.7V, 2400 mAhElectrical SafetyUL 60950-1, CSA C22.2 No. 6095Data Capture OptionsRFIDRFIDElectrical SafetyUL 60950-1, CSA C22.2 No. 6095USER ENVIRONMENTBulletin 65 Supplement C; Canada: Bulletin 65 Supplement C; Canada: RSS-102RFIDEU: EN 302 208, FCC 15.247; Can : RSS 210Tumble Spec250 1.64 ft./.5 m tumbles (500 drops) at room temperature at room temperatureRFIDEU: EN 302 208, FCC 15.247; Can : RSS 210Operating Temp14° F to 122° F/-10° C to 50° CThe RFD5500 is warranted against defects in workmanship and materials for a period of one year (12 months) from data shipment, provided the product remains unmodified and is operatid under normal and proper conditions.Electrostatic Discharge (ESD)+/-15KV air discharge, +/-8kV dicter discharge, +/-8kV di endirect discharge, H/-12W EIRP JP: 1/2W EIRP JP: 1/2W EIRP US: 1/2W EIRP LS: 1/2W EIRP LS: 1/2W EIRP LS: 1/2W EIRP LS: 1/2W EIRP LS: 1/2W EIRP Russian Federation: 1/2W ERP JP: 1/2W EIRP LS: W EIRP Antenna TypeNOTICE: Repairs of this product may require the use of Zel proprietary parts (and/or Zebra aroont resp. please contact yor Zebra account manager or the local Zebra Customer Service representative in your	Dimensions	20 x 18 x 7.5 cm	EMI/EMC	FCC Part 15 Class B; ICES 003 Class
Data Capture Options       RFID       RF Exposure       EU: EN \$0364; USA: FCC 0ET         USER ENVIRONMENT       Bulletin 65 Supplement C; Canada:       RSS-102         Drop Spec       4 ft./1.2 m drop to concrete across the operating temperature range       RFID       EU: EN \$032.208, FCC 15.247; Can         Tumble Spec       250 1.64 ft./.5 m tumbles (500 drops) at room temperature       RFID       EU: EN 302.208, FCC 15.247; Can         Storage Temp       -22°F to 160° F/-40°C to 70°C       and materials for a period of one year (12 months) from data shipment, provided the product remains unmodified and is operated under normal and proper conditions.         Electrostatic Discharge       +/-15kV air discharge, +/-8kVdc indirect discharge       NOTICE: Repairs of this product may require the use of Ze proprietary parts (and/or Zebra a proprietary information). Zebra will sell these parts (and provide this proprietary information). Zebra will sell these parts (and provide this proprietary information). Zebra will sell the countries, please contact your Zebra account manager or the local Zebra Customer Service representative in your area for further details. <t< td=""><td>Weight</td><td>395 g (not including MC55)</td><td></td><td></td></t<>	Weight	395 g (not including MC55)		
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USER ENVIRONMENT       Bulletin 65 Supplement C; Canada: RSS-102         Drop Spec       4 ft/1.2 m drop to concrete across the operating temperature range       RFID       EU: EN 302 208, FCC 15.247; Can : RSS 210         Tumble Spec       250 1.64 ft/.5 m tumbles (500 drops) at room temperature       RFID       EU: EN 302 208, FCC 15.247; Can : RSS 210         Operating Temp       14° F to 122° F/-10° C to 50° C       The RFD5500 is warranted against defects in workmanship and materials for a period of one year (12 months) from date shipment, provided the product remains unmodified and is operated under normal and proper conditions.         Electrostatic Discharge (ESD)       +/-15kV air discharge, +/-8kV di ci discharge, +/-8kV di ci discharge, +/-8kV di direct discharge, +/-8kV de indirect discharge       NOTICE: Repairs of this product may require the use of Zel proprietary parts (and/or Zebra proprietary information). Zebra will sell these parts (and provide this proprietary information) only to end-user customers for self-service. Applicable in the U.S. For all other countries, please contact your Zebra account manager or the local Zebra Customer Service representative in your area for further details.         Frequency Range       EU: 865-868 MHz JP: 918-920 MHz US: 902-928 MHz Russian Federation: 866.0-867.6 MHz       Service representative in your area for further details.	Data Capture Options	RFID		IEC 60950-1
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Standards Supported EPG Global Class 1 Gen 2	Frequency Range	JP: 918-920 MHz US: 902-928 MHz	-	
	Standards Supported	EPG Global Class 1 Gen 2	-	



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