RS507 Hands-Free Imager

Quick Reference Guide

Motorola, Inc.
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www.motorola.com/enterprisemobility.

Warranty

For the complete Motorola hardware product warranty statement, go to:
www.motorola.com/enterprisemobility/warranty.

Patents

This product is covered by one or more patents. For patent information go to:
www.motorola.com/enterprisemobility/patents.

Introduction

The RS507 Hands-Free Imager (also referred to as Imager) is wearable barcode scan solution for both 1D and 2D barcode symbologies. The Imager is also compatible with a wide range of mobile computers communicating over Bluetooth.

The Imager is designed for a wide range of applications from management of products in a warehouse, processing deliveries at a courier facility, hospitality to scanning lift tickets at a ski resort.

The Imager uses camera-based scanning technology, designed to offer flexible hands-free operation with ergonomic comfort for right or left hand users.

The Imager can be operated in both manual and auto-triggering modes. Auto-triggering is a patented Intelligent Sensing Technology combining motion and proximity sensing for triggering the Imager.

The Imager durability is built to last and rated for indoor and outdoor daily use in intensive scan environments. Built on magnesium chassis, the Imager offers durability associated with the most rugged mobile computers.

About this Guide

This guide provides basic information on the following topics:

For more information, refer to the RS507 Hands-Free Imager Product Reference Guide, p/n 72-120802-01 available at: www.motorola.com/enterprisemobility/manuals.

Unpacking the Imager

After opening the shipping box, inspect the contents. You should have received the following:

Model	Description	RS507	Standard Battery	Extended Battery	Corded Adapter	Quick Start Guide
RS507-IM200000STWR	Triggered RS507 with standard battery	✓	✓			✓
RS507-IM200000SNWR	Triggerless RS507 with standard battery	✓	✓			✓
RS507-IM200000ENWE	Triggerless RS507 with extended battery	✓		✓		✓
RS507-IM200000CTWR	Corded and Triggered RS507	✓			✓	✓

Inspect the equipment for damage. If you are missing any equipment or if you find any damaged equipment, contact Motorola Enterprise Mobility Support immediately. See *Service Information on backcover* for contact information.

Cordless Configuration Features

NOTE When the imager is provided as triggerless configuration, the auto-triggering mode is enabled by default.

Battery Release Latch

Imager Window

Battery

Comfort Pad

Trigger Assembly

Fingers Strap

Scan Trigger

Asset Control Label

Restore Key

Left Scan LED

Strap Buckle

Beeper

Strap

Right Scan LED

Corded Configuration Features

Interface Cable Connector to WT4090

Release Latch

Imager Window

Comfort Pad

Fingers Strap

Corded Adapter

Trigger Assembly

Scan Trigger

Asset Control Label

Restore Key

Strap Buckle

Strap

Left Scan LED

Beeper

Right Scan LED

Change Trigger Position

The Trigger Assembly of the Imager rotates to provide left-hand or right-hand use.

1. Remove the Fingers Strap from the Strap Buckle.

2. From bottom of Imager, Hold and pull the Comfort Pad out of the Barcode Imager.

Fingers Strap

Comfort Pad

Strap Buckle
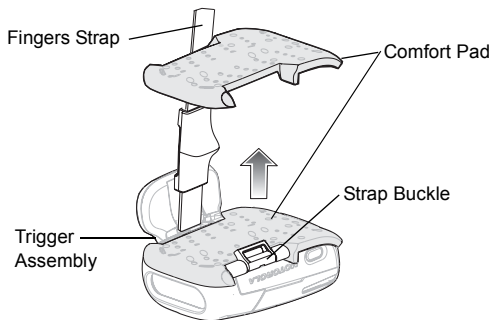
Trigger Assembly

3. Determine whether the Imager is used on the right or left hand and rotate the Trigger Assembly.
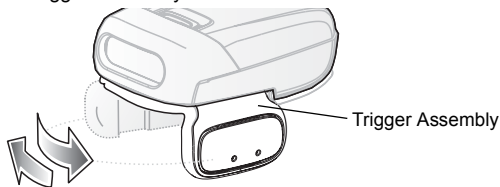
Trigger Assembly

⚠️ *CAUTION* The Trigger Assembly only rotates 180° around the back of the scan assembly. Do not rotate the Trigger Assembly past the designed stops

4. Rotate the Trigger Assembly so that the Scan Trigger is positioned next to the thumb when the Imager is placed on the index and middle fingers.

5. Position the Comfort Pad onto the Imager.

6. Press the Comfort Pad onto the Imager. When properly installed, the Comfort Pad "locks" into place.

7. Insert the Fingers Strap into the Strap Buckle

Getting Started - Cordless Configuration

Before using the Imager, charge the battery. The 8-Bay Battery Charger supports both standard and extended capacity batteries.

Charge the Battery

To charge the Imager battery, refer to SAC5070 Quick Start Guide.

Install the Battery

1. Align the Battery on top of the Imager.

2. Push the battery all the way into the Locking Slots of the Imager.

3. Firmly press the Battery into the Imager until a "click" is heard ensuring the Battery Release Latch is fully engaged with the Imager.

Battery Release Latch
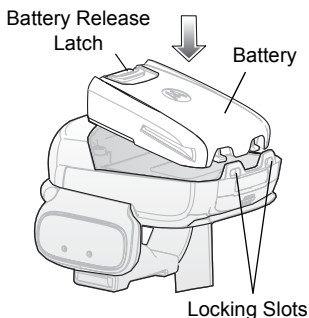
Battery

Remove the Battery

1. Hold the Imager in one hand.

2. Press the Battery Release Latch.

Locking Slots

3. Pull up the Battery to release from the Locking Slots of the Imager.

Wear the Imager

1. Slide the Imager onto the index and middle fingers with the Scan Trigger next to the thumb.

Scan Trigger

2. Tighten the Fingers Strap.

Fingers Strap
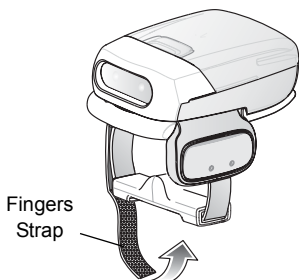
Getting Started - Corded Configuration

In order to start using the Imager you must install the Corded Adapter.

Connect Corded Adapter

1. Align the Corded Adapter on top of the Imager.

2. Push the Corded Adapter all the way into the Locking Slots of the Imager.

3. Firmly press the Corded Adapter into the Imager until a "click" is heard ensuring the Adapter Release Latch is fully engaged with the Imager.
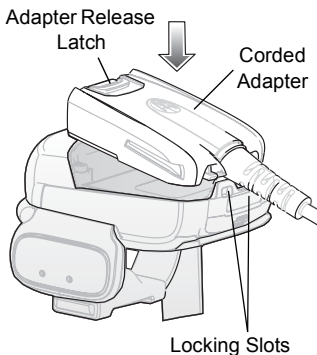
Remove the Corded Adapter

1. Hold the Imager in one hand.

2. Press the Adapter Release Latch.

3. Pull up the Corded Adapter to release from the Locking Slots of the Imager.

Adapter Release Latch

Corded Adapter

Locking Slots

Connect to a Wearable Terminal

The Imager connects to the WT4090 and mounts on the fingers.

1. On the WT4090, remove the connector cover.

2. Connect the Imager Interface Cable Connector to the WT4090 Interface Connector.
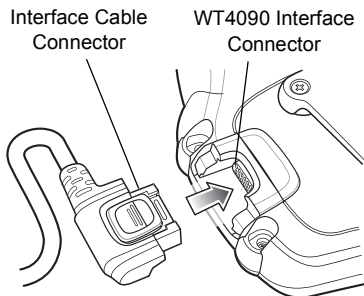
Interface Cable Connector

WT4090 Interface Connector

Wear the Imager

1. Slide the Imager onto the index and middle fingers with the Scan Trigger next to the thumb.

Scan Trigger
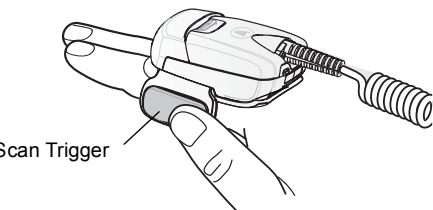
2. Tighten the Fingers Strap.

Fingers Strap
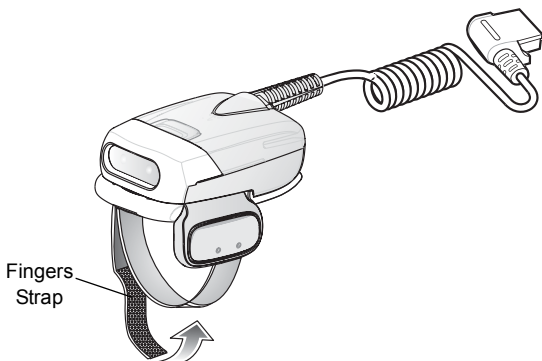
Status Indications

The Imager has two Scan LEDs that provide identical indications. The Imager is also equipped with a beeper that generates sound indications in variable tones.

NOTE In corded adapter configuration, beep indications are emitted only from the WT4090.

No.	LED	Beep Indication	Description
1.	None	High/low	Bluetooth communication is disconnected
2.	Short green flashes	None	Attempting to connect over Bluetooth
3.	None	Low/high	Imager is connected over Bluetooth
4.	None	High/low	Bluetooth communication is disconnected - Imager is out of range
5.	None	high/low/high/low	Properly decoded scan of Bluetooth pairing Barcode
6.	None	Long low/ long high/	Bluetooth connection attempt failed
7.	None	Long low/ long high/ Long low/ long high/	Bluetooth connection attempt is rejected
8.	One green flash	High	Proper scanning indication
9.	None	4 long beeps	No Bluetooth communication after scanning time-out

Bluetooth Connection

Establish Bluetooth Connection

To establish Bluetooth connection with a mobile computer:

1. Ensure that the Imager is within a range of 10 meters (30 feet) from the mobile computer.

2. Install the battery on the Imager.

3. Launch the Bluetooth Device (BD) Address application on the mobile computer. Most BD Address applications display a pairing barcode image on the screen of the mobile computer.

4. Scan a pairing barcode form the mobile computer screen or any provided label. When scanning, the Imager emits one string of high/low/high/low beeps.

5. The Scan LED starts flashing green indicating that the Imager is attempting to establish connection with a mobile computer.

6. When connection is established, the Scan LED turns Off and the Imager emits one string of low/high beeps. The Imager is connected and ready for scanning.

NOTE When replacing the Imager battery, the Imager memory retains the pairing information of last paired mobile computer (e.g WT4090).

Remove Bluetooth Connection

1. Scan an unpairing barcode label with the Bluetooth address for disconnecting the Imager from the mobile computer (e.g WT4090).

2. The Imager emits one string of high/low beeps indicating that Bluetooth communication with the mobile computer is disconnected.

Restore Lost Bluetooth Connection

The Imager maintains Bluetooth communication with a mobile computer within a range of 10 meters (30 feet). When the Imager fails to establish connection or connection is lost during operation, the Imager emits one string of low/high beeps.

To reestablish Bluetooth connection with a mobile computer (e.g WT4090):

1. Ensure that the Imager is within a range of 10 meters (30 feet) from the mobile computer.

2. Ensure that the mobile computer is On and "awake" (not in Suspend mode).

3. The Imager automatically attempts reconnecting to the mobile computer for 30 seconds (Scan LED flashes green). If automatic re-connection fails, verify that the Imager is within Bluetooth range and briefly press the Restore Key on the Imager to reconnect.

4. The Scan LED starts flashing green indicating that the Imager is attempting to establish connection with a mobile computer (e.g WT4090).

5. The Scan LED turns Off and the Imager emits one string of low/high beeps indicating that the Imager is connected and ready for scanning.

Scan

The Imager uses digital camera technology to take a picture of a barcode and software decoding algorithms are executed to extract the barcode data from the image.

Scan Triggering Modes

Manual Triggering (Triggered models only)

1. Launch a scanning software application on the mobile computer or WT4090.
2. Press the Scan Trigger and position the aiming cross hair laser to cover the barcode. The Imager takes a digital picture (image) of the barcode and stores it in memory for decoding.
3. One green flash and a high beep sounds to indicate that the barcode was properly decoded.

NOTE In some configurations proper decoding of a barcode is indicated by software application running on mobile computer or WT4090.

Auto-triggering (Triggered models only)

The Imager is provided with auto-triggering capability.
In auto-triggering mode, both motion and proximity sensors are used to trigger the Imager when the user intends to scan a barcode.

With auto-triggering activated, the Imager automatically scans when motion stops and a barcode is placed within the depth of field of the Imager. The Imager scans the barcode and turns off to conserve power.

To scan barcode in auto-triggering mode:

1. Bring the Imager within 9 inches ± 1 inch (22.86 cm ± 2.54 cm) of a barcode label.
2. Hold the Imager steady, aiming at the barcode label.
3. The Imager takes a picture (image) of the barcode and stores it in memory for decoding.
4. One green flash of the Scan LED and a high beep indicates that a barcode was properly decoded.

NOTE In some configurations, proper decoding of a barcode is indicated by a software application running on mobile computer or WT4090.

Aiming the Imager

The aimer of the Imager is a cross hair laser with bright center dot (shown below). The virtual rectangle made by the Cross Hair Lines reflects the field of view of the Imager. The aimer is used to position the barcode or object within the field of view.

Cross Hair Lines of
Imager Aimer

Virtual rectangle made by the
Cross Hair Lines
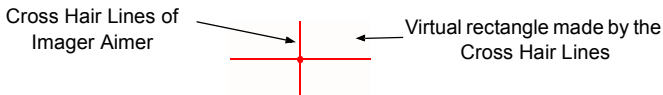
1. Enter the symbol in any orientation within the virtual rectangle made by the cross hair lines.

Linear Barcode

PDF417 Symbol

Symbol

Aimer Pattern
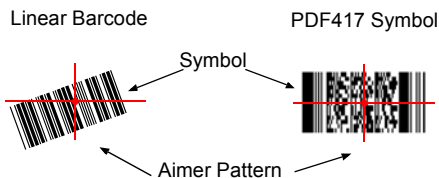
The imager can also read a barcode presented within the aiming pattern but not centered, such as the figure below on the left. The figure on the right, however, may not be decoded.

Right

Wrong

The aiming pattern is smaller when the Imager is closer to the symbol and larger when it is farther from the symbol. Scan symbols with smaller bars or elements (mil size) closer to the unit and those with larger bars or elements (mil size) farther from the unit.

2. Hold the Imager between two and eleven inches (depending on symbol density) from the symbol, centering the aiming pattern cross hairs on the symbol.

3. Press the Scan Button. The aimer pattern illuminates red indicating that the Laser is on. One green flash of the Scan LED and a high beep indicates that a barcode was properly decoded.

Customize the Imager Behavior

The Imager behavior can be configured by scanning custom barcode tables. The following table provides examples of configurable Imager features.

Feature	Description	Default Setting
Beep on reconnection attempt	When this parameter is enabled, the Imager emits a low/high beep when Bluetooth link is reconnected.	The beep on reconnection attempt feature is disabled by default.
Motion sensing	When this parameter is enabled, the Imager automatically scans when motion stops in front of the Imager and a barcode is placed within the depth of field of the Imager.	Motion sensing is set by default to on for triggerless models and off for triggered models.
Proximity sensing	When this parameter is enabled, the Imager automatically scans when sensing proximity to an object and a barcode is placed within the depth of field of the Imager.	Proximity sensing is set by default to on for trigger less models and off for triggered models.
Proximity distance	When using proximity sensing, you can set proximity distance to Short, Mid or Long.	Proximity distance is set to Long by default.
Low battery indication	When this parameter is enabled, the Imager flashes red every 15 seconds when battery power is low.	Low battery indication is disabled by default.
Bluetooth auto connect	The Imager automatically tries to reconnect to a remote device when a disconnection occurs that is due to the radio losing communication. This can happen if the Imager goes out of the mobile computer range. The following auto connect options are available: "None", "On power up", "Back in Bluetooth range", "On power up & back in Bluetooth range".	Bluetooth auto connect is set to "Back in Bluetooth range" by default.

Troubleshooting

Problem	Cause	Solution
Laser aimer does not display when pressing the Scan Trigger	Corded: Interface cable is not secure Cordless: Battery is not charged	Verify that the interface cable is properly connected Replace or charge battery
	Power is not applied to Imager	Corded: Verify that the mobile computer (e.g WT4090) has a charged battery installed Cordless: Replace or Charge Imager battery
	Scan application on the mobile computer (e.g WT4090) is not functioning	Restart the scanning application on the mobile computer (e.g WT4090)
	Imager software does not respond	Reset the Imager (See *Resetting the Imager on page 17*)
Imager does not decode a barcode	Barcode is unreadable	Verify that the barcode is not defective, i.e., smudged or broken
	Exit window is dirty	Clean exit window with a lens tissue. Tissues for eyeglasses work well. Do not use tissues coated with lotion
	Barcode symbology is not supported or enabled	See your system administrator
	Cordless: Bluetooth link is disconnected	Reestablish Bluetooth connection (See *Establish Bluetooth Connection on page 11*)

Resetting the Imager

If the Imager stops responding to input, reset it. There are two reset functions, warm boot and cold boot. Perform a warm boot first. If the Imager still does not respond, perform a cold boot.

Warm Boot

To perform warm boot, press and hold the Restore Key for more than six seconds.

Cold Boot

Cold boot restores the Imager's operation by resetting it's software. To perform cold boot, remove and re-insert the battery into the Imager. When using a corded RS507 model with WT4090, remove and reconnect the interface cable that connects between the Imager and the WT4090.

Field Replaceable Parts

	Part	Description
1	CLMPT-RS507-R	Trigger Assembly
2	KT-BKL-RS507-R	Set of 10 Strap Buckles
3	CLMPN-RS507-R	Triggerless Fingers Clamp
4	KT-PAD-RS507-R	Set of 10 Comfort Pads
5	KT-STRPN-RS507-R	Set of 10 Triggerless Fingers Strap with Fingers Support
6	KT-STRPT-RS507-R	Set of 10 Trigger Fingers Strap with Fingers Support
7	BTRY-RS50EAB00-01	Standard Battery
8	BTRY-RS50EAB02-01	Extended Battery
9	ADPTRWT -RS507-R	Corded Adapter
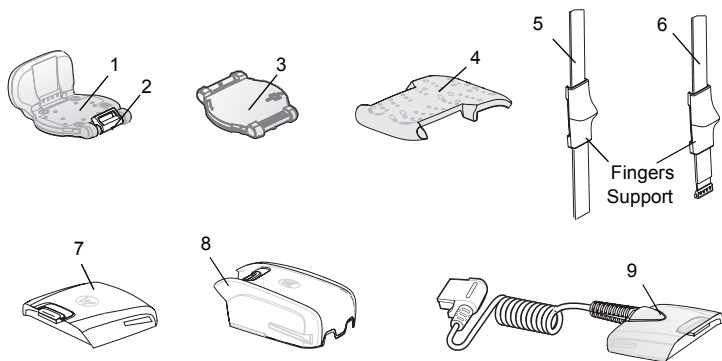
Comfort Pad Replacement

Removal

Hold and pull Comfort Pad out of the Barcode Imager.

Installation

1. Position the Comfort Pad onto the Imager as shown.

2. Press the Comfort Pad onto the Imager. When properly installed, the Comfort Pad "locks" into place.
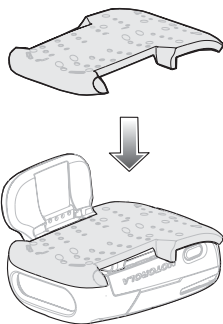
Trigger Assembly Replacement

Removal

1. Turn the Imager upside-down.

2. Remove the Comfort Pad.

3. Rotate the Trigger Assembly to align with the back of the Imager.

4. Use a paper clip or similar object to press the Release Latch.

5. Lift the Trigger Assembly off the scan assembly.

Imager Back

Release Latch
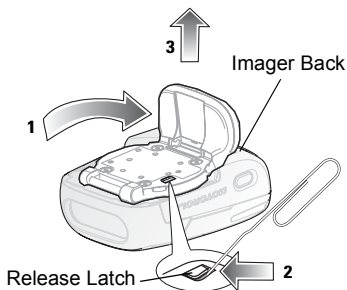
Installation

1. Turn the Imager upside-down.

2. Position the Trigger Assembly to align with the back of the Imager.

3. Lower the Trigger Assembly to the scan assembly.

4. Rotate Trigger Assembly 1/4 turn counterclockwise.

5. Press the Comfort Pad onto the Imager. When properly installed, the Comfort Pad "locks" into place.

Triggerless Finger Clamp
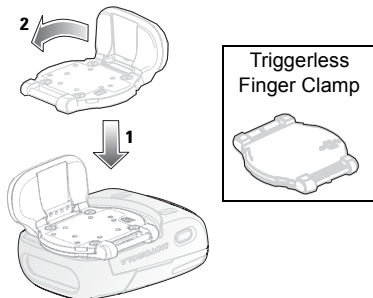
Note: An optional Triggerless Finger Clamp should be installed when the Imager is intended to be used in Motion and Proximity Initiated Barcode Read mode.

Fingers Strap Replacement (Trigger Assembly)

Removal

1. Remove the Fingers Strap from the Strap Buckle.

2. Pull the Fingers Strap out of the Trigger Assembly.

Installation

1. Align a new Finger Strap with the Slots in the Trigger Assembly.

2. Gently press the Strap Pins to engage with the Slots of the Trigger Assembly. The Strap Pins snap into the Slots.

3. Slip the Fingers Strap through the Strap Buckle.

Fingers Strap

Strap Pins

Trigger Assembly

Slots
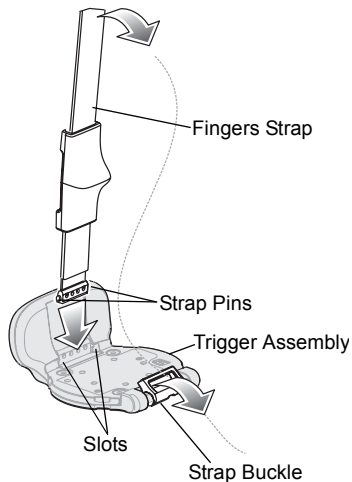
Strap Buckle

Fingers Strap Replacement (Triggerless Finger Clamp)

Removal

1. Remove the Fingers Strap from the Strap Buckles.

Installation

1. Slip the Fingers Strap through the Strap Buckles.
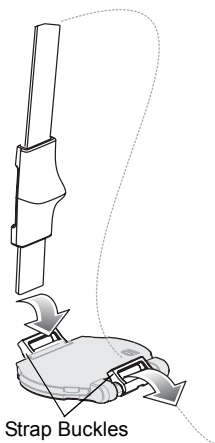
Strap Buckles

Strap Buckle Replacement

Removal

Press the Strap Buckle out of the Trigger Assembly Pin.

Strap Buckle

Trigger Assembly Pin

Installation

1. Align the pin slots of Strap Buckle with the pin of the Trigger Assembly.

2. Gently press the pin slots of Strap Buckle to engage with the pin of the Trigger Assembly. The pin slots snaps into the pin.
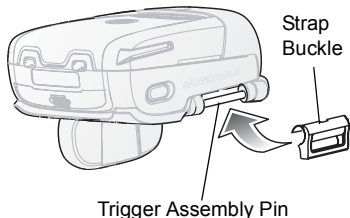
Cleaning

Wipe the exit window periodically with a lens tissue or other material suitable for cleaning eyeglasses.

/!\ *CAUTION* Do not pour, spray, or spill any liquid on the Imager.

The gold plated battery contacts do not tarnish or oxidize. No maintenance should be needed. If the contacts need to be cleaned:

1. Wet the tip of a cotton swab with isopropyl alcohol and squeeze the excess alcohol from the swab.

2. Wipe the metal contacts with the damp swab.

Regulatory Information

This device is approved under the Enterprise Mobility business of Motorola, Inc. ("Motorola").

This guide applies to Model Number RS507.

All Motorola devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

Local language translations are available at the following website: www.motorola.com/enterprisemobility/support..

⚠ *CAUTION* Any changes or modifications to Motorola equipment, not expressly approved by Motorola, could void the user's authority to operate the equipment.
Only use Motorola approved and UL Listed accessories, battery packs and battery chargers.
Do NOT attempt to charge damp/wet mobile computers 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 or to view End Product Listing, please visit http://www.bluetooth.org/tpg/listings.cfm

Wireless Device Country Approvals

Regulatory markings, subject to certification, are applied to the device signifying the radio(s) is/are approved for use in the following countries: United States, Canada, Japan, China, S. Korea, Australia, and Europe (see note below).

Please refer to the Motorola Declaration of Conformity (DoC) for details of other country markings. This is available at http://www2.symbol.com/doc/.

Note: For 2.4GHz Products: Europe includes, Austria, Belgium, Bulgaria, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Health and Safety Recommendations

⚠ Ergonomic Recommendations

CAUTION   In order to avoid or minimize the potential risk of ergonomic injury
            follow the recommendations below. Consult with your local Health &
            Safety Manager to ensure that you are adhering to your company's
            safety programs to prevent employee injury.

• Reduce or eliminate repetitive motion
• Maintain a natural position
• Reduce or eliminate excessive force
• Keep objects that are used frequently within easy reach
• Perform tasks at correct heights
• Reduce or eliminate vibration
• Reduce or eliminate direct pressure
• Provide adjustable workstations
• Provide adequate clearance
• Provide a suitable working environment
• Improve work procedures.

⚠ Warnings for Use of Wireless Devices

Please observe all warning notices with regard to the usage of wireless devices.

Potentially Hazardous Atmospheres - Vehicles Use

You are reminded of the need to observe restrictions on the use of radio devices
in fuel depots, chemical plants etc. and areas where the air contains chemicals or
particles (such as grain, dust, or metal powders) and any other area where you
would normally be advised to turn off your vehicle engine.

((•)) Safety in Hospitals

Wireless devices transmit radio frequency energy and may affect medical
electrical equipment.

Wireless devices should be switched off wherever you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Pacemakers

Pacemaker manufacturers recommended that a minimum of 15cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

Persons with Pacemakers:

- Should ALWAYS keep the device more than 15cm (6 inches) from their pacemaker when turned ON.
- Should not carry the device in a breast pocket.
- Should use the ear furthest from the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn OFF your device.

Other Medical Devices

Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

⚠ **RF Exposure Guidelines**

Safety Information

Reducing RF Exposure - Use Properly

Only operate the device in accordance with the instructions supplied.

International

The device complies with internationally recognized standards covering human exposure to electromagnetic fields from radio devices. For information on "International" human exposure to electromagnetic fields refer to the Motorola Declaration of Conformity (DoC) at http://www2.symbol.com/doc/.

EU

Handheld Devices

This device was tested for typical body-worn operation. Use only Motorola tested and approved belt-clips, holsters, and similar accessories to ensure EU Compliance.

US and Canada

Handheld Devices

This device was tested for typical body-worn operation. Use only Motorola tested and approved belt-clips, holsters, and similar accessories to ensure FCC Compliance. The use of third-party belt-clips, holsters, and similar accessories may not comply with FCC RF exposure compliance requirements, and should be avoided.

⚠ Laser Devices

Complies with 21CFR1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001, and with EN60825-1:1994+A1:2002+A2:2001 and IEC60825-1:1993+A1:1997+A2:2001.

The laser classification is marked on one of the labels on the device.

Class 1 Laser devices are not considered to be hazardous when used for their intended purpose. The following statement is required to comply with US and international regulations:

Caution: Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

Class 2 laser Imagers use a low power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

LASER LIGHT
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
LASERSTRAHLUNG
NICHT IN DEN STRAHL BLICKEN
LASER KLASSE 2
LUMIÈRE LASER
NE PAS REGARDER DANS LE FAISCEAU
APPAREIL À LASER DE CLASSE 2

Imager Labeling
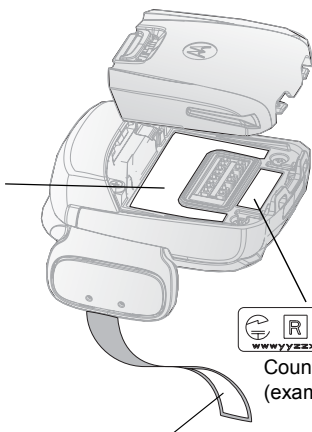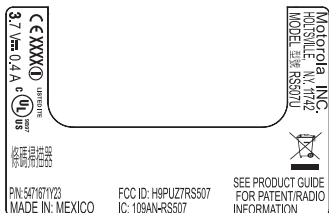
Country Stamp
(example)

LASER LIGHT· DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
LASERLICHT · NICHT IN DEN STRAHL BLICKEN
LASER KLASSE 2
LUMIERE LASER · NE PAS REGARDER DANS LE FAISCEAU
APPAREIL À LASER DE CLASSE 2
630·680nm, 1mW

Batteries

Taiwan - Recycling

EPA (Environmental Protection Administration) requires dry
battery producing or importing firms in accordance with Article
15 of the Waste Disposal Act are required to indicate the
recycling marks on the batteries used in sales, giveaway or
promotion. Contact a qualified Taiwanese recycler for proper battery disposal.

「廢電池請回收」

Battery Information

Motorola rechargeable battery packs are designed and constructed to the highest
standards within the industry.

However, there are limitations 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 (6) months, some irreversible deterioration in overall battery quality may occur. Store batteries at half of full 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 of full charge.

Replace the battery when a significant loss of run time is detected.

Standard warranty period for all Motorola batteries is 3 months, regardless if the battery was purchased separately or included as part of the mobile computer or bar code scanner. For more information on Motorola batteries, please visit: http:/mysymbolcare.symbol.com/battery/batbasics1.html

Battery Safety Guidelines

*   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.

*   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 +32 ºF and +104 ºF (0 ºC and +40 ºC)

*   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 Motorola Enterprise Mobility support.

*   Do not disassemble or open, crush, bend or deform, puncture, or shred.

*   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 or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water 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.

*   Battery usage by children should be supervised.

- Please follow local regulations to promptly dispose of used re-chargeable batteries.
- Do not dispose of batteries in fire.
- 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 Motorola Enterprise Mobility support to arrange for inspection.

In accordance with Clause 5, IEC 825 and EN60825, the following information is provided to the user:

Radio Frequency Interference Requirements-FCC

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 Transmitters (Part 15) - USA

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.

Radio Frequency Interference Requirements - Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radio Transmitters - Canada

This device complies with RSS 210 of Industry & Science Canada. 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.

Label Marking: The Term "IC:" before the radio certification only signifies that Industry Canada technical specifications were met.

$C\,\epsilon$ Marking and European Economic Area (EEA)

Bluetooth® Wireless Technology for use through the EEA has the following restrictions:

- Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835 GHz
- France, outside usage is restricted to 10mW EIRP
- Italy requires a user license for outside usage.

Statement of Compliance for Wireless Devices

Motorola hereby, declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A Declaration of Conformity may be obtained from http://www2.symbol.com/doc/.

Japan (VCCI) - Voluntary Control Council for Interference

Class B ITE

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスB情
報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置が
ラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがありま
す。　取扱説明書に従って正しい取り扱いをして下さい。

This is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used

near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

Korea Warning Statement for Class B ITE

기종별	사용자 안내문
B급 기기	이 기기는 가정용으로 전자파 적합등록을 한 기기이오니 주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

Class	User's Guide
B class	As this equipment has obtained EMC registration for household use, it can be used in any area including residential areas.

Other Countries

Declarações Regulamentares para RS507 - Brazil

Note: The certification mark applied to the RS507 is for Restrict Radiation Equipment. This equipment operates on a secondary basis and does not have the right for protection against harmful interference from other users including same equipment types. Also this equipment must not cause interference to systems operating on primary basis.

For more information consult the website www.anatel.gov.br.

Nota: "A marca de certificação se aplica ao Transceptor, modelo RS507. Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário."

Para maiores informações sobre ANATEL consulte o site: www.anatel.gov.br.

Mexico

Restrict Frequency Range to: 2.450 - 2.4835 GHz.

Sri Lanka- Restrict Frequency Range to: 2.400 - 2.430 GHz.

Taiwan - 臺灣

According to Administrative Regulations on Low Power Radio Waves Radiated Devices:

Article 12

Without permission granted by the DGT, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original

characteristic as well as performance to an approved low power radio-frequency devices.

Article 14

The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved.

The said legal communications means radio communications is operated in compliance with the Telecommunications Act.

The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

限制頻率範圍是： 2.400 – 2.4835 GHz。　　　　最大發射功率：27dBm

　　　　　　　　　 5.250 – 5.350 GHz。

　　　　　　　　　 5.725 – 5.850 GHz。

　　　　　　　　　 2.4GHz： 11 個通道

　　　　　　　　　 50 GHz

Korea

당해 무선설비는 운용 중 전파혼신 가능성이 있음

당해 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

⊠ Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Motorola for recycling. For information on how to return product, please go to: www.motorola.com/recycling/weee.

Bulgarish: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се връщат на Motorola за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: www.motorola.com/recycling/weee.

Čeština: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Motorola k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: http://www.symbol.com/environmental_compliance

Dansk: Til kunder i EU: Alle produkter skal returneres til Motorola til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: www.motorola.com/recycling/weee.

Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter www.motorola.com/recycling/weee.

Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Motorola'ile. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: www.motorola.com/recycling/weee.

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Motorola al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: www.motorola.com/recycling/weee.

Ελληνικά: Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Motorola για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση http://www.symbol.com/environmental_compliance στο Διαδίκτυο.

Français: Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Motorola pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : www.motorola.com/recycling/weee.

Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: www.motorola.com/recycling/weee.

Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Symbol otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Motorola, lūdzu, skatiet: http://www.symbol.com/environmental_compliance.

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Motorola". Daugiau informacijos, kaip grąžinti gaminį, rasite: http://www.symbol.com/environmental_compliance.

Magyar: Az EU-ban vásárlóknak: Minden tönkrement terméket a Motorola vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a www.motorola.com/recycling/weee weboldalra.

Malti: Għal klijenti fl-UE: il-prodotti kollha li jkunu waslu fl-aħħar tal-ħajja ta' l-użu tagħhom, iridu jiġu rritornati għand Motorola għar-riċiklaġġ. Għal aktar tagħrif dwar kif għandek tirritorna l-prodott, jekk jogħġbok żur: http://www.symbol.com/environmental_compliance.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Motorola te worden teruggezonden voor recycling. Raadpleeg www.motorola.com/recycling/weee voor meer informatie over het terugzenden van producten.

Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Motorola w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej http://www.symbol.com/environmental_compliance.

Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Motorola para reciclagem. Para obter informações sobre como devolver o produto, visite: www.motorola.com/recycling/weee.

Românesc: Pentru clienţii din UE: Toate produsele, la sfârşitul duratei lor de funcţionare, trebuie returnate la Motorola pentru reciclare. Pentru informaţii despre returnarea produsului, accesaţi: www.motorola.com/recycling/weee.

Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Motorola za reciklažo. Za informacije o vraèilu izdelka obišèite: www.motorola.com/recycling/weee.

Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Motorola na recykláciu. Bližšie informácie o vrátení výrobkov nájdete na: http://www.symbol.com/environmental_compliance.

Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Motorola-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa www.motorola.com/recycling/weee.

Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Motorola för återvinning. Information om hur du returnerar produkten finns på www.motorola.com/recycling/weee.

Service Information

If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Motorola Enterprise Mobility Support at:

www.motorola.com/enterprisemobility/support.

For the latest version of this guide go to:

www.motorola.com/enterprisemobility/manuals.

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