Manuals+ — User Manuals Simplified.

TSL 1059 Multi ISO RFID Snap-On Reader Kit User Guide

Contents

TSL 1059 Multi ISO RFID Snap-On Reader Kit

Installing into an MC70/75

+ Status LED's   + MC70/75 Mating Connector   + Antenna Located Behind Label

+ Latch Locking Screw Hole   + Latch Locking Screw Hole

+ Docking Connector

Attaching to an MC70/75

1. Align the slots on the MC70/75

clips of the RFID 1059   + Spring Clip

2. Slide the RFID 1059 on lo the MC70/75 ensuring the MC? 0/75 aligns with the MC? 0/75 mating connector on the RFID 1059. The spring clips will push out and then click in as the MC?0/75 locks in place
3. For semi-permanent installation fit M2x6mm pan head Pozidriv screws into the latch locking screw holes

Detaching from the MC70/75

1. Remove the latch locking screws if fitted

2. Squeeze the spring clips together by pressing on the latch locking screw holes

3. Slide the RFID 1059 off the MC70/75

Using the HF RFID 1059

RFID transponders can be read when they are in the range of the antenna. The antenna is located behind the label on the front of the RFID 1059. The range at which a transponder can be read depends on the transponder type and size. Larger transponders can be read further away from the antenna. In many cases, it will be possible to read transponders behind and to the side of the RFID 1059. For best performance, it is important to present a transponder correctly as shown below

+ Correct orientation; the transponder is parallel to the reader antenna and read range will be good.

+ Incorrect orientation; the transponder is perpendicular to the reader antenna and read range will be poor.

The functionality of the RFID 1059 is controlled by application software running on the MC? 0/75. For support on applications running on the MC? 0/75 please contact the software vendor.

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.

For vehicle installation and use
An airbag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the airbag or in the airbag deployment area. If in-vehicle wireless equipment is improperly installed and the airbag inflates, serious injury could result. 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. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Power Supply
Use only Symbol-approved cradles, chargers, and power supplies with the RFID 1059. The use of an alternative power supply will invalidate any approval given to this device, void the warranty for the product, and may be dangerous.
Waste Electrical and Electronic Equipment (WEEE)
For EU Customers: All products at the end of their life must be returned to TSL for recycling. For information on how to return products please contact TSL.

Warranty

Warranty

TSL's hardware Products are warranted against defects in workmanship and materials for a period of twelve (12) months from the date of shipment, unless otherwise provided by TSL in writing, provided the Product remains unmodified and is operated under normal and proper conditions. Warranty provisions and durations on software, integrated installed systems, Product modified or designed to meet specific customer specifications ("Custom Products"), remanufactured products, and reconditioned or upgraded products, shall be as provided in the applicable Product specification in effect at the time of purchase or in the accompanying software license.

Spare Parts

Spare parts (i.e. parts, components, or subassemblies sold by TSL for use in the service and maintenance of Products) are warranted against defects in workmanship and materials for a period of thirty (30) days from the date of shipment. Spare parts may be new or originate from returned units under the conditions set forth in subsection D below.

Repair of TSL branded hardware

For repairs on TSL branded hardware Products under this Agreement, including repairs covered by warranty, the

repair services provided are warranted against defects in workmanship and materials on the repaired component of the Product for a period of thirty (30) days from the shipment date of the repaired Product, or until the end of the original warranty period, whichever is longer. Any such defects shall be notified to TSLin writing within 7 days of the same becoming apparent.

Product Service

Products may be serviced or manufactured with parts, components, or subassemblies that originate from returned products and that have been tested as meeting applicable specifications for equivalent new material and Products. The sole obligation of TSL for defective hardware Products is limited to repair or replacement (at TSL's option) on a "return to base (RTB)" basis with prior authorization. The customer is responsible for prompt shipment to TSL and assumes all costs and risks associated with this transportation; return shipment to the Customer will be at TSL's expense. Customer shall be responsible for return shipment charges for product returned where TSL determines there is no defect ("No Defect Found"), or for product returned that TSL determines is not eligible for warranty repair. No charge will be made to the Buyer for replacement parts for warranty repairs. TSL is not responsible for any damage to or loss of any software programs, data or removable data storage media, or the restoration or reinstallation of any software programs or data other than the software, if any, installed during the manufacture of the Product.

Original Warranty Period

Except for the warranty applying solely to the repaired component arising from a repair service as provided in Section C above, the aforementioned provisions do not extend the original warranty period of any Product that had either been repaired or replaced by TSL.

Warranty Provisions

The above warranty provisions shall not apply to any Product (i) which has been repaired, tampered with, altered or modified, except by TSL's authorized service personnel; (ii) in which the defects or damage to the Product result from normal wear and tear, misuse, negligence, improper storage, water or other liquids, battery leakage, use of parts or accessories not approved or supplied by TSL, or failure to perform operator handling and scheduled maintenance instructions supplied by TSL;
which has been subjected to unusual physical or electrical stress, abuse, or accident, or forces or exposure beyond normal use within the specified operational and environmental parameters set forth in the applicable Product specification; nor shall the above warranty provisions apply to any expendable or consumable items, such as batteries, supplied with the Product.

EXCEPT FOR THE WARRANTY OF TITLE AND THE EXPRESS WARRANTIES STATED ABOVE, TSL DISCLAIMS ALL WARRANTIES ON IMPOSED BY LAW ARE LIMITED IN DURATION TO THE LIMITED WARRANTY PERIOD. SOME STATES OR COUNTRIES DO NOT ALLOW A LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR CONSUMER PRODUCTS. IN SUCH STATES OR COUNTRIES, FOR SUCH PRODUCTS, SOME EXCLUSIONS OR LIMITATIONS OF THIS LIMITED WARRANTY MAY NOT APPLY

The stated express warranties are in lieu of all obligations or liabilities on the part of TSL for damages, including but not limited to, special, indirect or consequential damages arising out of or in connection with the use or performance of the Product or service. TSL's liability for damages to Buyer or others resulting from the use of any Product or service furnished hereunder shall in no way exceed the purchase price of said Product or the fair market value of said service, except in instances of injury to persons or property. TSL is not responsible for any damages incurred during shipment if the approved shipping container is not used. Shipping the units improperly can possibly void the warranty. If the original shipping container was not kept, contact your local distributor or TSL to have another sent to you.
TSL shall not be responsible for any injury, damage or loss of whatever kind caused directly or indirectly by the goods whether as a result of their manufacture, operation, use or otherwise and the customer shall indemnify TSL from any claim arising from any loss suffered by any third party.

Support Information

The following are available from the Technology Solutions website at **http://www.tsl.uk.com/downloads.htm**

- User's Guide (including Warranty and Regulatory information)
- Driver
- Product datasheet

The SDIO lrDA card is intended for use with a Symbol MC? Operation with other devices is not supported.

Statement of Compliance

Technology Solutions hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directives 1999/5/EC, 89/33!:v'EEC and H'23/EEC. Declaration of Conformities may be obtained from Technology Solutions on request The RFID 1059 has been tested to and found to complyVviththefolloVving standards for use within the Economic Union:

EMC Directive 89/336/EEC, R& TTE Directive 99/5/EC:

- EN 301 489-3 V1.4.1 (2002-08)
- EN 300 330-2V1.1.1 (2001-06)
- Low Voltage Directive 73/23/EEC:
- IEC 60950-1 1st Edition 2001 (National and group differences in accordance with CB Bulletin No. 109A December 2005)

- The RFID 1059 has also been tested and found to comply with:

Title 47 of the CFR:2004, Part 15, Subpart (c)

FCC emission requirements for Intentional Radiators; Parts 15.207, 15.209 & 15.225 The RFID 1059 complies with:

RoHS Directive 2002/95/EC

Regulatory Information
All TSL devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required. Any changes or modifications to TSL equipment, not expressly approved by TSL, could void the user's authority to operate the equipment.

Documents / Resources

	TSL 1059 Multi ISO RFID Snap-On Reader Kit [pdf] User Guide 1059, Multi ISO RFID Snap-On Reader Kit, 1059 Multi ISO RFID Snap-On Reader Kit

References

- ☞ **Technology Solutions (UK) Ltd Home Page**