

NORDIC ID MERLIN UHF RFID RF SAFETY TRAINING

INTENTION AND PURPOSE OF THIS DOCUMENT IS TO GIVE INFORMATION OF CORRECT AND SAFE USE OF NORDIC ID MERLIN UHF RFID. THIS GUIDELINE IS TO NORDIC ID PARTNERS, RESELLERS AND ESPECIALLY END CUSTOMERS WHO WILL USE THIS PRODUCT IN THEIR WORK.

ALSO WITH THIS INFORMATION USERS WILL INCREASE THEIR AWARENESS AND KNOWLEDGE OF NORDIC ID MERLIN UHF RFID RF (RADIO FREQUENCY) SAFETY. THIS MATERIAL WILL BE PART OF PARTNER, RESELLER AND END CUSTOMER TRAINING PACKET.

The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation, its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, can identify risks and avoiding potential hazards when working with these products/systems.

Nordic ID products may only be used for the applications described in the user manual and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Nordic ID. Proper transport, storage, installation, assembly, commissioning, operation and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be complied with. The information in the relevant documentation must be observed.

<p>NOTICE</p> <p>Forfeiture of approvals and guarantees</p> <p>Alterations to the devices are not permitted.</p> <p>Failure to observe this requirement shall constitute a revocation of the radio equipment approvals and manufacturer's warranty.</p>
<p>⚠ WARNING</p> <p>Repairs only by authorized qualified personnel</p> <p>Unauthorized opening of and improper repairs to the device may result in substantial damage to equipment or danger. Repairs may only be carried out by authorized qualified personnel.</p>

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IMPORTANT INFORMATION WHEN USE NORDIC ID MERLIN UHF RFID

Nordic ID MERLIN UHF RFID includes two radio modules which comply FCC rules & regulations related to human exposure. To avoid unnecessary RF exposure from the product when operating it, please familiarize yourself with following two documents "Safety and regulations" and "quick guide" of Nordic ID products which are part of sales package. In case you have any questions after training, please ask from your sales contact and / or send questions to support@nordicid.com.

SAFETY AND REGULATIONS

This document include important information related to separation distance (when operate device) between MERLIN UHF RFID and medical devices such as pacemakers, hearing aids and / or cardioverter-defibrillators.

QUICK GUIDE

This document includes important information related to RF exposure:

- In page 10 pictures illustrate correct / incorrect grip. Use only correct grip. Incorrect grip may lead to weak RFID Tag reading performance and also unnecessary RF exposure for user limb (Hand). Keep breaks in reading if possible, breaks will decrease RF exposure.
- In page 11 pictures illustrate correct / incorrect ergonomics. Correct ergonomics will mean easier operation and avoid unnecessary RF exposure as separation distance between device and user keeps always in safe distance. When operating device, user must be sure that there are no any person(s) between / close by device and object.
- Picture in below illustrates correct grip / how to hold MERLIN UHF RFID correctly and safely when operate it. When hold device as shown in below, separation distance from WLAN/Bluetooth antenna to user limb / fingers is 86.09mm and RFID antenna to user limb / fingers is 122.21mm. In training, trainers will point locations of antennas in device.

