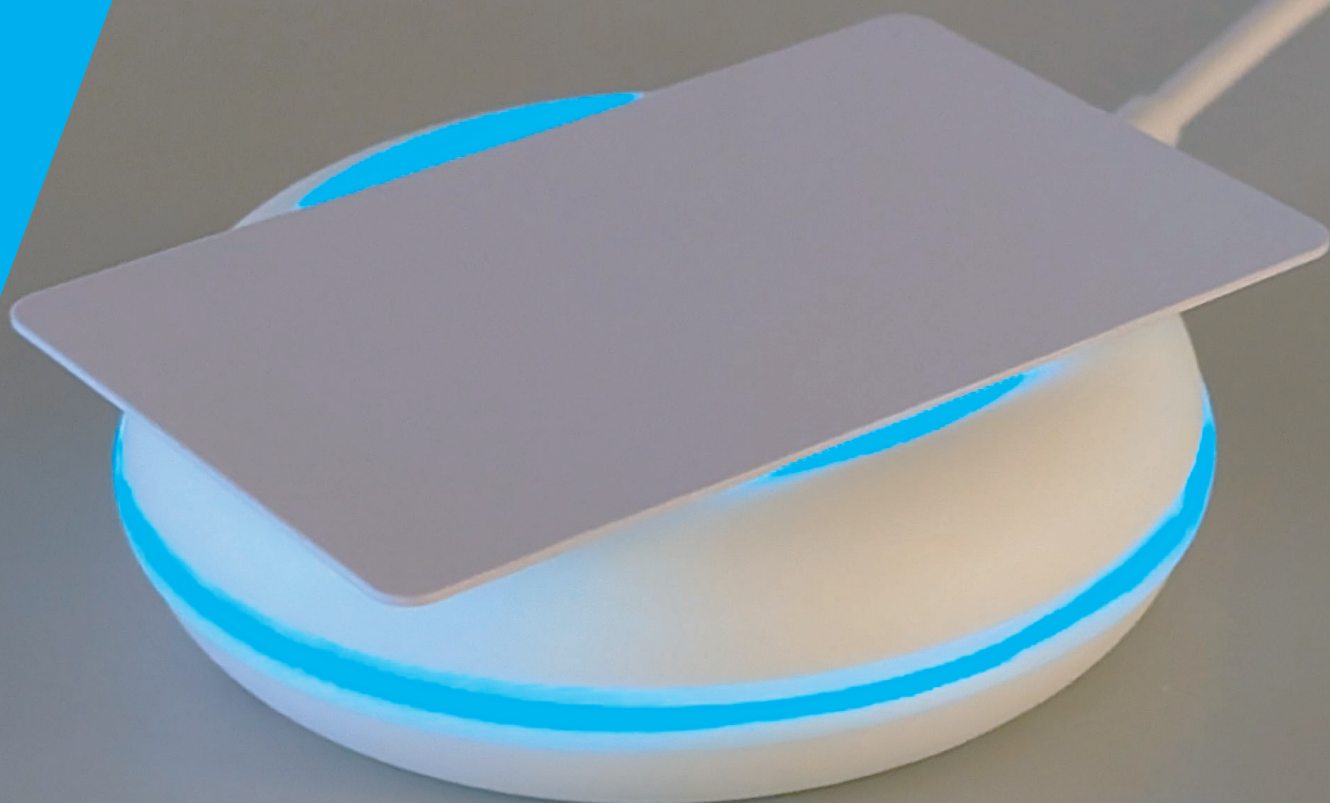


ORBI USB Encoder User Manual

Document: UM-ORBI-UE01-001

ASSA ABLOY



FCC statements

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

No changes shall be made to the equipment without the manufacturer's permission as this may void the user's authority to operate the equipment.

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.

ISED Canada statements

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Déclarations d'ISDE Canada

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage.
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Exposure information

This equipment complies with ISED Canada and FCC radiation exposure limits set forth for an uncontrolled environment. It should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements d'ISDE Canada établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

Table of Contents

- 1. Introduction 5
 - 1.1. Marine product security centre..... 5
- 2. Installation instructions 6
 - 2.1. Parts included 6
 - 2.2. Installation 6
- 3. Version history 7

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1. Introduction

ORBI USB Encoder is a RFID encoder that can be used in TilliT installations for reading and encoding credentials.

This document is applicable for:

- ORBI USB Encoder

ORBI Network Encoder is used in combination with the access control system TilliT. See TilliT manual for more detailed instructions about how to use encoders in the TilliT.

Always use the latest document version.

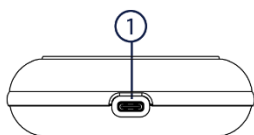
1.1. Marine product security centre

We provide security information, e.g. best practices and advisories for our products and services, at [ASSA ABLOY Global Solutions Marine Security Centre](#). In case of any vulnerabilities impacting our products or services, we publish advisories in accordance with our responsible disclosure policy.

2. Installation instructions

2.1. Parts included

ORBI Encoder



① USB-C

Figure 1: ORBI Encoder

There is one cable included:

- USB-C to USB-C

2.2. Installation

1. Connect the USB-C cable to the Encoder **(1)** and the device with TilliT.
2. ORBI Network Encoder can now be found in TilliT under encoders.
3. Add the ORBI USB Encoder in TilliT.
4. Verify the installation by encoding a credential.

3. Version history

Revision	Date	Description	Author
1.0	2025-12	Initial version	SO
1.1	2026-01	Released version	SO

ASSA ABLOY Global Solutions
Marine

Anolitveien 1-3
1400 Ski
Norway

Phone: +47 69 24 50 00
Email: marine@assaabloy.com

assaabloy.com/marine