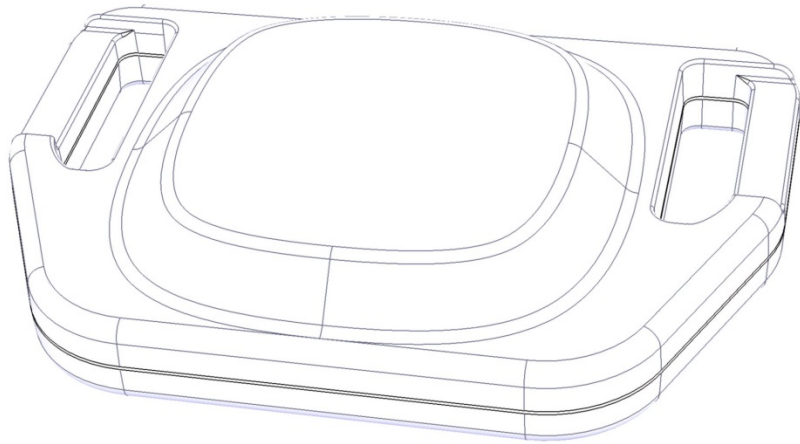


Quuppa LD-6T

User Guide



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1. Introduction

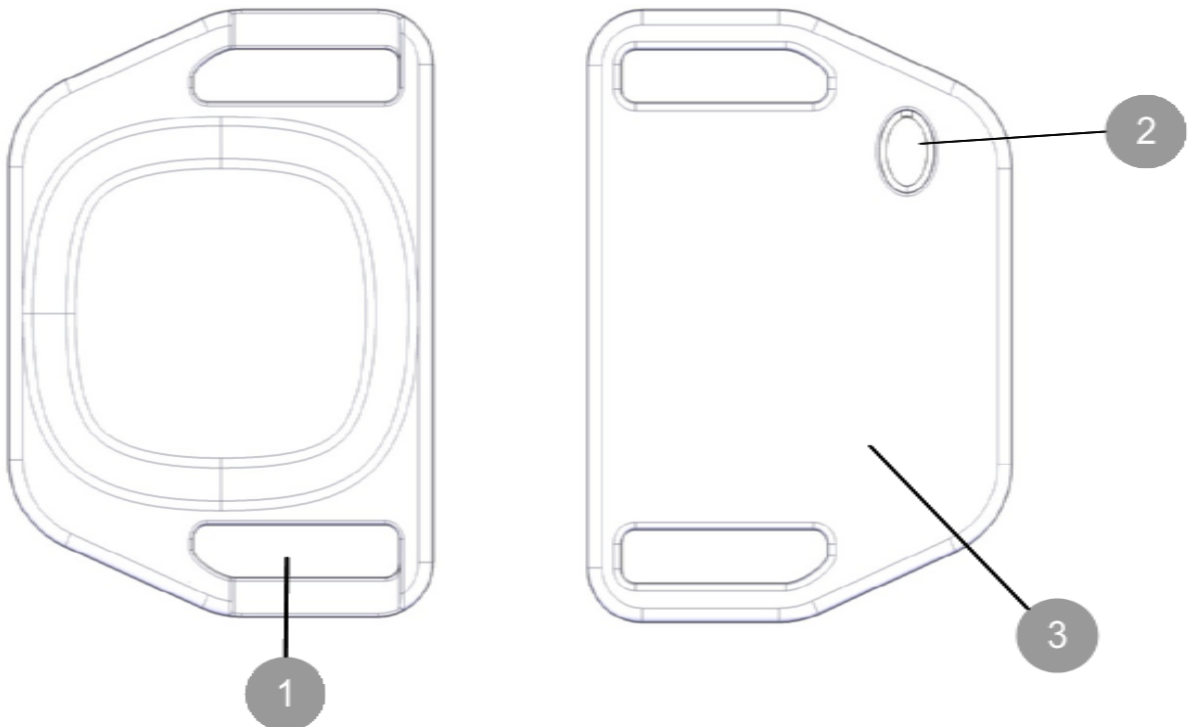
Quuppa LD-6T (HAIP Tag) is part of the Quuppa HAIP System. Other parts of the Quuppa HAIP System are Quuppa LD-6L (HAIP Locator) and Quuppa Positioning Engine software. The HAIP System allows you to locate and track any objects equipped with HAIP Tags in an environment equipped with HAIP Locators.

Watch the Quuppa Site Planner and Quuppa Deployment tutorial videos before starting to use the HAIP system. For the latest guides, additional information, and downloads related to your Quuppa product, go to www.quuppa.com/support.

This product may contain small parts. Keep them out of reach of small children.

2. Get started

Features



1. Mounting hole
2. Reset button
3. Waterproof casing

Start using Quuppa LD-6T

Activate Quuppa LD-6T

Before using Quuppa LD-6T, you must activate it and configure it for your HAIP System.

1. Press the reset button for one second to activate Quuppa LD-6T
2. Within 30 seconds, send a configuration command to the Quuppa LD-6T. For details, see Quuppa Deployment tutorial video.

Attach Quuppa LD-6T to a locatable object

Tie Quuppa LD-6T to a locatable object through the mounting holes by using a cable tie.

WARNING: Never attach Quuppa LD-6T to hot surfaces.

IMPORTANT: For optimal operation do not attach Quuppa LD-6T on to a large metal surface.

Reset Factory Settings

To reset factory settings, press and hold the reset button for 10 seconds.

3. Product information

Waterproof casing

Quuppa LD-6T is protected against water until 1 meter of depth for maximum of 30 minutes.

Battery

Quuppa LD-6T has an in-built CR2032 battery. In normal operation the battery will last for several years. The battery charge level can be monitored using the HAIP system. Once the battery is empty Quuppa LD-6T has to be recycled properly. Do not attempt to open the casing to replace the battery.

WARNING: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Technical data

- Operating frequency range: 2400...2483 MHz
- Maximum transmit power: +7 dBm EIRP
- Operating temperature range: 0°C...+60°C
- Storage temperature range: -30°C...+70°C
- IP protection class: IP57
- Dimensions: 44 mm × 31 mm × 8 mm
- Weight: 10g

4. Care and Maintenance

Quuppa LD-6T is a product of superior design and craftsmanship and should be treated with care. The following suggestions will help you protect your warranty coverage.

- Do not attempt to open the device.
- Do not sink the device in deep water (> 1m).
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Only use water and soap or a dry cloth to clean the surface of the device.
- Do not paint device.
- Keep the device out of reach of small children.

Recycle

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials.



The crossed-out wheeled-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life.

This requirement applies in the European Union. Do not dispose of these products as unsorted municipal waste.

5. Copyright and other notices

DECLARATION OF CONFORMITY

Hereby, Quuppa Oy declares that this Quuppa LD-6T product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at

<http://www.quuppa.com/declaration-of-conformity>

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FCC NOTICE

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. 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. NOTE: FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. NOTE: Changes or modifications not expressly approved by Quuppa could void the user's authority to operate the equipment.

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