




## Kontakt io KHWBC502F001 Asset Tag 2 Bluetooth Tracker User Manual

[Home](#) » [kontakt io](#) » Kontakt io KHWBC502F001 Asset Tag 2 Bluetooth Tracker User Manual 

Kontakt io KHWBC502F001 Asset Tag 2 Bluetooth Tracker



## Contents

- 1 Introduction
  - 1.1 Preparation of the device
- 2 Application
  - 2.1 Technology
  - 2.2 Communication
- 3 WARNING
- 4 FCC Caution
- 5 Produced for
- 6 Documents / Resources
  - 6.1 References
- 7 Related Posts

## Introduction

For proper operation, it is necessary to use the entire set of devices – 20 pcs

### Preparation of the device

1. As an attachment to the device in the package there is a flyer with your unique order number: keep it to claim your devices on cloud.
2. Using the start.kontakt.io website, create a customer account and use the order number to add your devices to the customer panel.
3. Download the mobile app and configure your Asset Tag 2.
4. Asset Tag 2 is now operational.
5. Long press of the button allows you to turn off the beacon (only if the configuration allows it). Activation works in the opposite way.

**Asset Tag 2** continuously transmits Bluetooth signals for tracking purposes and continuously scans for infrared signals to track your location. In the event of a malfunction, users should contact Technical Support for assistance and replacement of defective and still under warranty devices.

**Contact support at:** [support@kontakt.io](mailto:support@kontakt.io)

## Application

- Asset Tag 2 is designed for location tracking using iBeacon and Eddystone format via radio signal. The radio signal is transmitted and received via the BLE chip (nRF52832)
- Activation takes place by pressing the button for 5 seconds
- Asset Tag 2 has 2 holes, thanks to which it is possible to install it with zip ties Characteristics.

The manufacturer and name of the device can be found on the original packaging in which the device is delivered. Device dimensions: 49 mm x 49 mm; 15 mm. The housing of the device is factory sealed and cannot be opened.

### Technology

- Chip nRF52832
- Temperature sensor

- IR sensor
- Accelerometer

#### **Communication**

- Bluetooth v 4.2 BR / EDR
- Bluetooth 5.0 (optional)
- IR sensor
- Range up to 50 meters

#### **Technical requirements:**

- Working temperature -25°C ~ 85°C
- Working humidity 10% ~ 90% – non condensing

**Frequency ( MHz):** 2402.0 – 2480.0

**Maximum radio power:** +4 dBm (2.5119 mW)

#### **WARNING**



Asset Tag 2 contains electronic elements and a battery (2x model: ER14250) which should be properly disposed of. If a beacon needs to be disposed of, please contact the manufacturer technical support first.

#### **FCC Caution**

This device complies with part 15 of applicable FCC Rules. Its 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. Any changes or modifications not expressly approved by the party responsible for compliance could 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.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

#### **Produced for**

Kontakt Micro-Location Sp. z o.o.  
ul. Stoczniewców 3  
30-709 Kraków  
POLAND

## Kontakt Micro-Location Sp. z o.o.

hereby confirms that the devices are compliant with CE RED directive 2014/53/UE.

Full Declaration of Conformity text can be found under the link: <http://www.kontakt.io/compliance-asset-tag-2>

## Documents / Resources

	<p><a href="#">Kontakt io KHWBC502F001 Asset Tag 2 Bluetooth Tracker</a> [pdf] User Manual KHWBC802F001, 2ADAO-KHWBC802F001, 2ADAO-KHWBC802F001, KHWBC502F001 Asset Tag 2 Bluetooth Tracker, KHWBC502F001, Asset Tag 2 Bluetooth Tracker</p>
-----------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## References

- [Indoor Location Services Company. Bluetooth Beacons | Kontakt.io](#)
- [Start Kontakt.io](#)
- [Declaration of Conformity - Kontakt.io Asset Tag 2 - Kontakt.io](#)