

User manual

The product is a Bluetooth Low Energy beacon. It will transmit an BLE advertisement radio signal around every 2 seconds. It will use the standard BLE advertisement channels 37, 38, 39. It will sleep when it is not transmitting this beacon. It takes around 3 ms to transmit, 1 ms per channel, and then it goes to sleep for around 2000 ms including a random factor. It will detect other signals, like temperature, electromagnetic field (HAL sensor), but this data is part of the advertisement signal described above. The theory is that some device within range, will have to "listen" for these beacons, in order to pickup the data transmission. This product is only about transmitting advertisements, including some sensor data inside the advertisement manufacturer specific data structure (MFG)

Warning:

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.

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 requirement. The device can be used in portable exposure condition without restriction.