

BT dongle user manual

1 Introduction

1.1 BT dongle

The BT 4.0 Low Energy Dongle is design for Bluetooth standard BLE electronic accessories via Bluetooth connectivity. It is available in the 2.4GHz ISM band Class 2 Radio, compatible with Bluetooth Core Specification Version 4.0 BLE and EDR. ISSC IS1677SM single chip solution combines transceiver and baseband function to decrease the external components.

1.2 The features

- Bluetooth EDR & BLE 4.0
- RF receiver
- GFSK typical -90dBm,
- $\pi/4$ PSK typical -90dBm,
- 8DPSK typical -83dBm
- BLE typical -92dBm
- Low power 3.3V RF operation
- RF transmitter output power Class 2
- Internal ROM and 4Mibts of flash
- I2C for external EEPROM and authentication chip (to enable functionality between your appcessory and the iPod, iPhone and iPad)
- 1 LED driver

1.3 Installation instruction

Step 1. Open the cover of console.

Step 2. Insert the dongle into specified port on the console.

Step 3. When the dongle is connected, it can be used.

1.4 FCC

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

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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.



WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

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.

1.5 Further Information

If you have further requirements, please feel free to E-mail us at:

coordinator@lifespanfitness.com