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## Operating instructions



The unit complies with the applicable EC-guidelines



Fig. 1: 07936-00 USB-Bluetooth Adapter

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## 1 SAFETY PRECAUTIONS



### Caution!

- Carefully read these operating instructions completely before operating this instrument. This is necessary to avoid damage to it, as well as for user-safety.
- Only use the instrument for the purpose for which it was designed.
- Only use the instrument in dry rooms in which there is no risk of explosion.
- Protect the instrument from dust, moisture and vapours. Use a slightly moist lint-free cloth to clean the instrument. Do not use aggressive cleaning agents or solvents.
- Take care that no liquid penetrates in through the housing openings, as such penetration would result in damage to Adapter.
- Do not open the unit.

## 2 PURPOSE AND CHARACTERISTICS

This product connects to a computer and functions as a Bluetooth transmitter and receiver, allowing you to connect your computer to other Bluetooth devices such as a Cobra SMARTsense sensor. It supports a wide range of Bluetooth protocols. You can also use the Bluetooth adapter to transfer data wirelessly between compatible devices, connect peripherals such as a mouse, keyboard and printer, and connect Bluetooth headphones or speakers for wireless music playback. Power is supplied by a USB port.

## 4 NOTES ON OPERATION

The Bluetooth adapter fulfils all of the technical requirements that are compiled in current EC guidelines. The characteristics of this product qualify it for the CE mark.

This instrument is only to be put into operation under specialist supervision in a controlled electromagnetic environment in research, educational and training facilities (schools, universities, institutes and laboratories).

This means that in such an environment, no mobile phones etc. are to be used in the immediate vicinity. The individual connecting leads are each not to be longer than 2 m.

The instrument can be so influenced by electrostatic charges and other electromagnetic phenomena (HF, bursts, indirect lightning discharges) that it no longer works within the given specifications. Carry out the following measures to reduce or eliminate the effect of such disturbance: Ensure potential equalization at the PC (especially with Laptops). Use screening. Do not operate high frequency emitters (e.g. radio equipment or mobile radiotelephones) in the immediate vicinity. When a total failure of the instrument occurs, unplug it and plug it back in again for a reset.

## 5 HANDLING

Insert the Bluetooth adapter into a USB-A port on your computer.

The Bluetooth adapter supports Plug and Play. Your computer will automatically enable Bluetooth and install any necessary drivers.

Turn on your Bluetooth device and ensure that it is discoverable so that it can be recognized by your computer.

## 6 TECHNICAL DATA

Operating temperature range: -20 to 70°C

Rel. humidity: 10%-90% Non- Condensing

Operating voltage	5 V/DC (via USB)
Operating current	typical 22mA standby 0.4 uA
Connection	USB 2.0
Bluetooth version	Bluetooth V4.0
Power class	2
Symbol rate	3Mbps
Frequency Band	2.402G-2.480G
Transmission power	+6dBm
Sensitivity	86dBm@.01%BER
Supported profiles	Bluetooth low energy Dual-mode Bluetooth
Operating systems	Windows 7/8/10
Dimensions (W x H x D)	21 x 12 x 7 mm
Weight	3g

## 7 SCOPE OF DELIVERY

- USB-Bluetooth Adapter
- Operating instructions

## 8 DISPOSAL

The packaging mainly consists of environmentally-friendly materials that should be returned to the local recycling stations.



Do not dispose of this product with normal household waste. If this unit needs to be disposed of, please return it to the address that is stated below for proper disposal



The CE mark conformed that this product meets the main requirements of the Directive 2014/30/EU of the European Parliament and the Council of Europe concerning telecommunications and terminals regarding the Safety and health of users and of electro-magnetic interference compliance. The CE has been demonstrated. The full text of the EU declaration of conformity is available at the following internet address:  
[www.phywe.com/en/ec-declaration](http://www.phywe.com/en/ec-declaration)

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