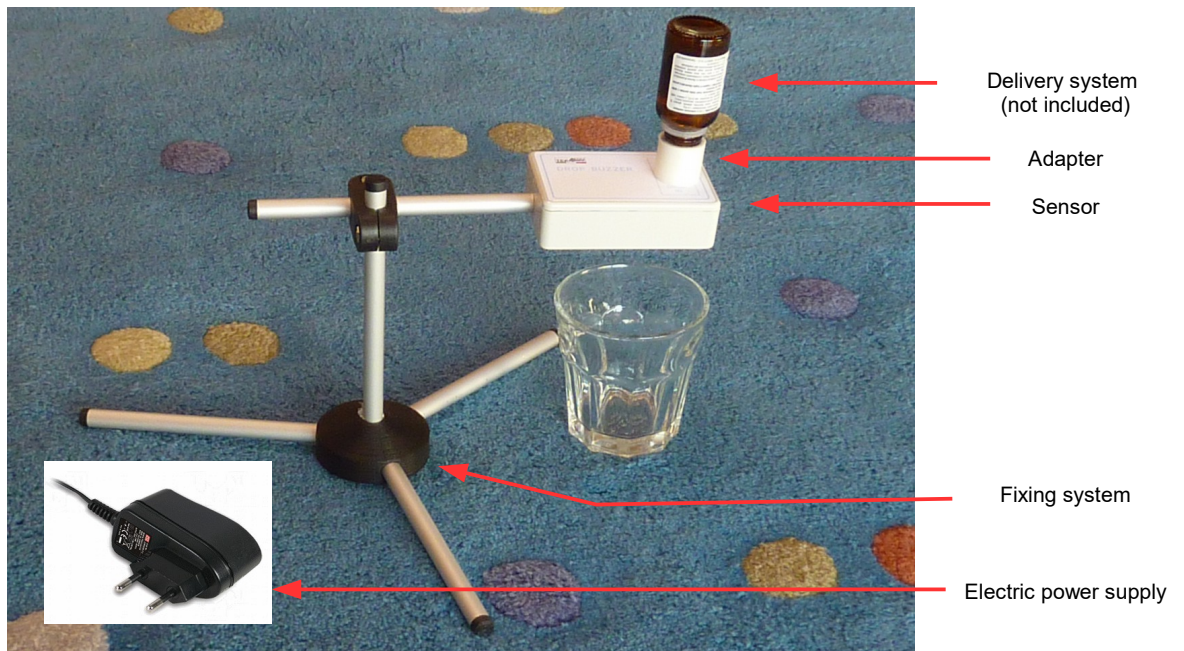


DROP BUZZER

mod. T4E-BOX-02



The **Drop Buzzer mod.T4E-BOX-02** is a medical device that has been developed to be used by people with difficulties in visual perception (visually impaired or blind) to improve their autonomy during everyday life.

It's a complete kit, which contains (see main image):

- an **acoustic sensor for passing drops**
- a fixing system
- an electric power supply
- an **adapter** for the delivery system (syringe or flask)

OPERATION

Detects the passage of a drop of liquid and activates an internal buzzer.

It works with colorless or colored liquids, with drops falling by a minimum diameter of 2.5 mm, which must pass through the through hole on the device.

At each passage of a drop, the audible beeper is activated, which emits a beep allowing the count of the drops that have fallen into the container (or glass) present under the sensor.

It can be used in two ways:

- dropping the drops directly into the upper hole of the sensor (**fig.A**) or
- using an **adapter (fig.B)**, which will be inserted in the upper hole of the sensor, and will allow a simpler centering of the drop of the drops to the whole of the sensor hole



fig.A: hole of the sensor



fig.B: adapter

TECHNICAL SPECIFICATIONS

User manual (in Italian)

Contains the information necessary for the correct use of the device.

Supply

The device is powered by an external power supply with the following main features:

- Certified for use with medical devices: 2xMOPP
- Input from mains voltage (AC): from 85 to 264VAC
- Output (DC): 12V (6W)
- Cable length:> 1.3m
- Protections: short circuit, overload, overvoltage
- CE mark

A LED on the sensor indicates the correct power supply.

Fixing system

Modular and adjustable in different directions.

It is made of aluminum with plastic accessories.

Adapter

On request and free of charge, an adapter similar to the one shown in the figures (main and fig.B) made with a **3D printer** will be provided.

For the design and construction of the adapter, the dimensions of the delivery device to be used must be provided and be compatible with the characteristics of the hole on the sensor

Accessories not included

- delivery system (syringe or little bottle)
- container (or glass)