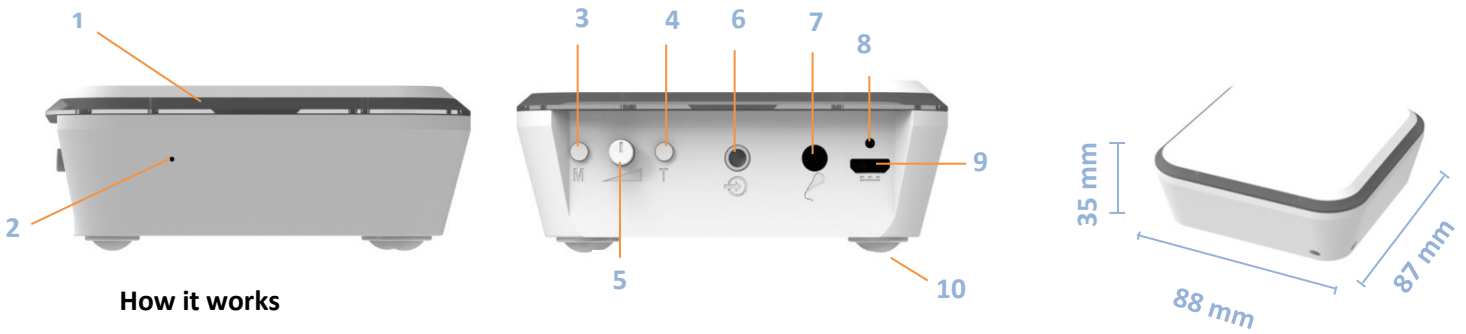


# SENSO Signal

## Datasheet



### How it works

SENSO Signal is universal transmitter with galvanic line-in and a built-in microphone. SENSO Signal picks up sounds and galvanic signals from different external alarms such as doorbell, CO<sub>2</sub> sensor, smoke sensor, intercom or door phone, landline or mobile phone, kitchen timer etc. and wirelessly transmits them to various SENSO receivers. Transmitter can be connected to external sensors, triggers and external microphone. Activation of transmitter is coupled with color LED light guide. SENSO Signal can be paired to all receivers: SENSO Smart, SENSO Compact, SENSO Sound, SENSO Light, SENSO Loop and SENSO FM.

### Controls and indicators

- 1 – Light guide
- 2 – Aperture for internal mic
- 3 – Internal microphone switch
- 4 – Test button
- 5 – Microphone sensitivity control
- 6 – Jack 3.5 mm line-in for external triggers
- 7 – Jack 3.5 mm external microphone input
- 8 – Battery indicator
- 9 – Power supply micro-USB
- 10 – Anti-skid legs

### Size and weight

Height: 31 mm / 1.22 inch  
Width: 87 mm / 3.42 inch  
Depth: 87 mm / 3.42 inch  
Weight (net): 99 g / 3.49 oz.

### In the box

SENSO Signal transmitter  
SENSO S-Wallmount  
SENSO S-Phone sensor  
SENSO S-Intercom sensor  
User manual

### General data

#### Specifications:

- Material: ABS plastic
- Radio frequency: 433.92 MHz
- Coverage: up to 100 m, depending on building's characteristics. Coverage can be extended via SENSO Bridge repeater
- Light guide: 7 colors
- Max microphone sensitivity: 65 dB
- External microphone type: Electret
- Intrusion and water protection: IP20

#### Battery indication:

- Red blink – battery empty
- Green – powered via power adapter

#### Environmental requirements:

- Temperature: from 0°C to +40°C
- Relative humidity: from 5% to 95%

### Power management

SENSO Signal is powered by 3.6V built-in battery or by the mains through a power adapter (not included).

#### Battery:

- Type: LS17330 Li-SOCI2, non-rechargeable
- Position: non-replaceable
- Voltage: 3.6 V
- Capacity: 2100 mAh
- Operating time: ≥ 5 years (5 activations per day)

### Accessories (available separately)

SENSO S-Tablestand  
External microphone  
Power adapter with USB-microUSB cable  
SENSO S-Smartphone sensor  
SENSO S-Door&Window sensor

### Regulatory and standards

Radio equipment: 2014/53/EU RED directive

Safety: EN 62368-1:2014/A11:2017

EMC: EN 301 489-1

EN 301 489-3

SRD: EN 300 220-1

EN 300 220-2



SENSO Smart is a part of SENSO assistive listening system for hearing impaired people.

Learn more how to improve quality of life with SENSO on <http://en.istok-audio.com/products/alerting-systems/>

