



How it works

SENSO Loop is designed to stream sound signals from a TV or another audio device directly to the user's hearing aid or cochlear implant by means of a telecoil function. It can receive alerting signals from all SENSO transmitters. When SENSO Loop receives an alerting signal, a TV or radio sound is automatically muted and the notification is transmitted to the hearing aid or cochlear implant. SENSO Loop cable can cover up to 80 m² of area.

Controls and indicators

- 1 – Light frame
- 2 – Output terminals for loop
- 3 – Jack 3.5 mm stereo inputs
- 4 – Jack 3.5 mm external microphone input
- 5 – Toslink optical digital input
- 6 – Power supply
- 7 – Bass control
- 8 – Treble control
- 9 – Volume control on loop
- 10 – Test button
- 11 – Fixing screws for loop terminals

Size and weight

Height: 37 mm / 1.46 inch
 Width: 105 mm / 4.13 inch
 Depth: 105 mm / 4.13 inch
 Weight (net): 153 g / 5.40 oz.

In the box

SENSO Loop receiver
 38 m loop cable with terminals
 Cable mount hooks
 Screwdriver PH0÷PH00
 Power supply unit
 Toslink optical cable 80 cm
 Jack 3.5mm-Jack 3.5mm cable 80 cm
 User manual

General data

Specifications:

- Material: ABS plastic
 - Frequency: 100 Hz – 5000 Hz (+/- 3 dB)
 - Radio frequency: 433.92 MHz
 - RF coverage: 100 m
 - Loop coverage: up to 80 m².
 - Light guide: 7 colors
 - Amplifier class: D
 - Loop resistance: 3.6 Ohm
 - External microphone type: Electret
 - Volume control: yes
 - Bass control: yes
 - Treble control: yes
 - Frequency control range: from -10 dB to + 10dB
 - Line-in level max: 1V RMS
 - Auto gain control
 - Magnetic field strength at 1.2 m above the floor level at test signal frequency of 1 kHz \geq 400 mA/m
 - Intrusion and water protection: IP20
- #### Indication types:
- Power on
 - Power on loop
 - Alerts from SENSO transmitters
- #### Environmental requirements:
- Temperature: from 0°C to +40°C
 - Relative humidity: from 5% to 95%

Power management

SENSO Loop is powered by the mains through a power supply.

Power supply:

- Input: 110-240V AC 50 Hz
- Output: 24 V DC 2500 mA
- Power: 60 W
- Power consumption: active \leq 2500 mA

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

Accessories (available separately)

External microphone
 2 × RCA to stereo Jack 3.5 mm cable
 Jack 6.3 mm to Jack 3.5 mm adapter
 Induction pillow

