

# Technical data sheet

## Wireless accessories

EduMic is a 2.4 GHz remote microphone that supports children with hearing loss when distance, noise and reverberation affect listening and learning, e.g. in a typical classroom setting. EduMic streams high quality sound to an unlimited number of hearing aids, ensuring direct access to the teacher's voice to improve speech understanding.

### Ease of use

EduMic has been developed and thoroughly tested with teachers to ensure optimal ease of use. It features:

- Intuitive user interface
- Easy mute
- Different wearing options

### MultiConnect

EduMic can be connected to an unlimited number of paired Oticon 2.4 GHz enabled hearing aids at the same time, allowing for several users in the same classroom.

### Autopairing

EduMic is always ready to pair. Once hearing aids are in pairing mode and within 20 cm (7-8 inches), EduMic will automatically pair and connect to them.

### Automatic program change

EduMic automatically connects with hearing aids within a 20 m (65 ft.) range by initiating a program change in the hearing aid. This way, hearing aids can connect to EduMic without using the hearing aid push button.

### More audio input sources

Audio from a 3.5 mm jack connection is streamed directly in stereo to all hearing aids. Through the FM/DAI connection and the telecoil, EduMic will stream sound from classroom microphone and teleloop systems respectively.

### Simply TwinLink - a fully integrated system

TwinLink is Oticon's 2.4 GHz low energy technology. TwinLink is available in EduMic and Oticon's hearing aids with integrated 2.4 GHz receivers. This way, EduMic is part of a simple and discreet solution with no additional receivers to handle.

For more information, please visit: [www.oticon.com](http://www.oticon.com)

## EduMic

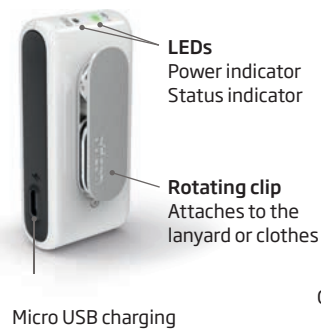


EduMic is a remote microphone designed for education to improve the signal-to-noise ratio for students with Oticon hearing aids.



## Included

- Instructions for use
- Adjustable lanyard
- Wall charger
- USB charger cable
- 3.5 mm jack cable
- FM protective skin



## Technical data

Name/regulatory model	EduMic/N01
FCC/IC	FCC ID: U28N01 IC: 1350B-N01
Compatibility <sup>1</sup>	Oticon hearing aids with 2.4 GHz wireless receiver
Dimensions	66 x 30 x 22 mm; weight 36 g
Conditions of use	Operating, storage, and transportation humidity: 15% to 93% relative humidity, non-condensing Operating temperature: +5 °C to +40 °C Storage temperature: -20 °C to +30 °C Transportation temperature: -20 °C to +60 °C Atmospheric pressure: 700 hPa to 1060 hPa
System features	<b>Autopairing:</b> EduMic will automatically pair with hearing aids in pairing mode <b>MultiConnect:</b> EduMic can connect to an unlimited number of hearing aids <b>Automatic program change:</b> EduMic will initiate a program change in hearing aids within a 20 m range
Battery type	Built-in rechargeable Li-ion battery
Power connection	Micro USB charging
Operating time	Min. 10 hours when fully charged
Charging time	Max 2.5 hours
Microphone type	Wide angle directional microphone optimized to support placement on shirt
Processing platform	Velox S
Advance signal processing	OpenSound Navigator and Wind Noise Management (microphone mode)
Audio bandwidth <sup>2</sup>	150 Hz to 10 kHz (telecoil mode: 400 Hz to 9 kHz)
Audio input (3.5 mm jack)	Stereo streaming (jack mode)
Max line-in level	2 Vrms (Rin = 3.9kΩ)
Pairing range	Pairing within 20 cm
Stored pairings	Up to 10 sets of hearing aids are stored in EduMic for automatic program switch
Wireless range <sup>3</sup>	Microphone and jack mode: Up to 20 meters FM and telecoil mode: Up to 3 meters
Transmission technology	Oticon's 2.4 GHz low energy technology
Emissions	Max. 17 dBm e.i.r.p. in compliance with all relevant standards

1. Please visit [www.oticon.com](http://www.oticon.com) for more information.

2. Actual audio performance depending on client's hearing aids.

3. Between EduMic and hearing aids. Other devices operating in the 2.4 GHz band may interfere and reduce range.