

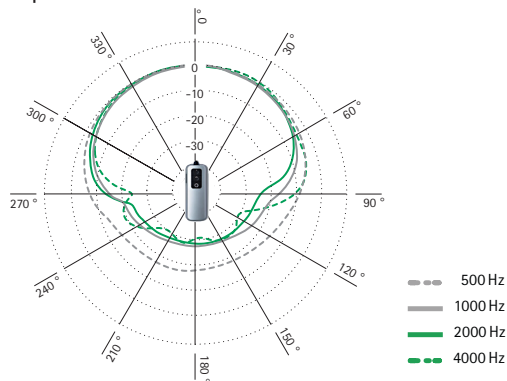
# ZoomLink



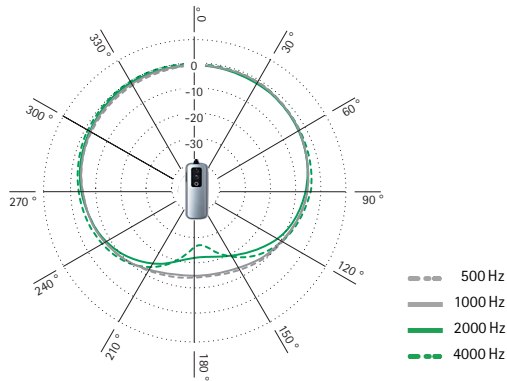
ZoomLink is a new high quality entry level FM transmitter from Phonak with three microphone modes: Omni, Zoom and SuperZoom<sup>2</sup> for an optimal reception angle in all listening situations. ZoomLink is compatible with all FM receivers from Phonak. ZoomLink is almost as easy to use as EasyLink and offers a higher FM benefit in many listening situations.

ZoomLink is the ideal transmitter for adults who prefer ease of use and for teens using FM at home.

ZoomLink  
SuperZoom<sup>2</sup>



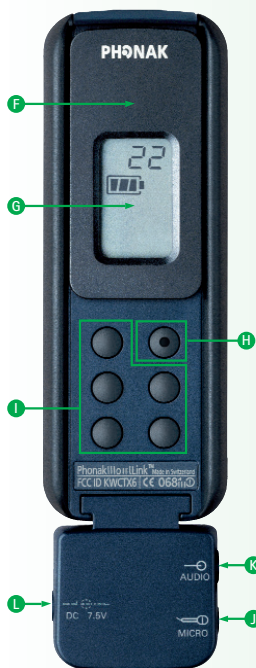
ZoomLink  
Zoom



## Technical Data



- A** Fixed lavalier cord with integrated antenna
- B** Buttons for microphone settings:
  - Omni
  - Zoom
  - SuperZoom<sup>2</sup>
- C** Microphone openings
- D** State-of-the-art digital signal processing (DSP) with advanced beamforming
- E** Digital frequency synthesizer



- F** Retention clip
- G** Simple, clear LCD display
- H** Pen push button for changing the FM channel
- I** No function
- Adapter with connections for:
  - J** External microphone
  - K** External audio source
  - L** Rapid charging unit

## Technical Data

### General

**Dimensions:**

L x W x H: 105 x 35 x 18 mm (4.1 x 1.4 x 0.7 inches)  
(without interface)

**Weight:**

65 g

**Operating temperature range:**

-10°C to +60°C

### HF characteristics

**Frequency range:**

169.4 – 181.9 MHz (Band H)  
214.0 – 220.0 MHz (Band N)

**Frequency switching:**

Integrated digital frequency synthesizer, max. 40 programmable channels

**Frequency stability:**

Better than  $\pm 1$  kHz

**Modulation:**

FM (narrow band), maximum frequency deviation  $\Delta f_{dev} < 5$  kHz

**Antenna:**

- Fixed lavalier cord antenna for operating range of up to 30 m (100 feet)

**Signal-to-noise ratio: (microphone setting: Omni)**

> 45 dB at  $\Delta f_{dev} < 4$  kHz and  $f_{mod} = 1$  kHz

### Audio characteristics

**Audio frequency range:**

100 – 7000 Hz

**Microphone sensitivity: (microphone setting: Omni)**

97 dB SPL at  $f_{mod} = 1$  kHz for  $\Delta f_{dev} = 4,0$  kHz (100% modulation)

70 dB SPL at  $f_{mod} = 1$  kHz for  $\Delta f_{dev} = 4,0$  kHz (100% modulation)

**Distortion: (microphone setting: Omni)**

THD < 0.2% according to IEC 118-7 at 70 dB SPL with  $f_{mod} = 1$  kHz  
for  $\Delta f_{dev} = 4,0$  kHz

## Technical Data

### Power supply

**Battery:** Lithium ion 3.7V DC

**Capacity:** 420 mAh

**Operating time:**

12 hours max.

**Charging unit:**

Type: DC stabilized

Plug connector: Internal diameter 1.1 mm, external diameter 3 mm,  
inner pole positive

Secondary voltage: 7.5 V DC

Current: 650 mA


**Important notice:** It is recommended to use the original Phonak charging unit or the Phonak car charger only.

**Fast-charge:**

80% charged within an hour

Fully charged in two hours

The battery cannot be over-charged

 The adapter may become warm during charging.

### Automatic hearing instrument program switching/frequency synchronization

At switch-on, the ZoomLink automatically sets Phonak hearing instruments with remote control compatibility to the FM + hearing instrument microphone active (FM+M) program. After that, ZoomLink synchronizes the FM receivers. At switch-off, ZoomLink switches the hearing instruments to programm 1 (programmable).

**Frequency:** 40,96 kHz

**Operating range:** < 50 cm

### Standards

	Europe	USA
Wireless microphones	EN 300.422	FCC part 74, part 95
Eletromagn. compatibility	EN 301.489	FCC part 74, part 95
Safety regulations	EN 60950	