

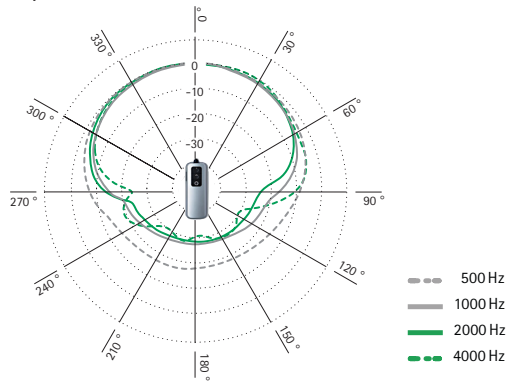
ZoomLink



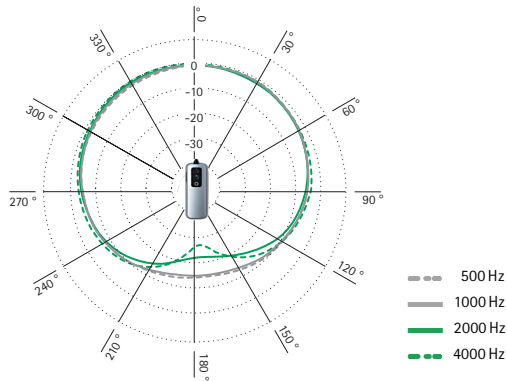
ZoomLink is a new high quality entry level FM transmitter from Phonak with three microphone modes: Omni, Zoom and SuperZoom² for an optimal reception angle in all listening situations. ZoomLink is compatible with all FM receivers from Phonak. ZoomLink is almost as easy to use as EasyLink and offers a 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 SuperZoom²



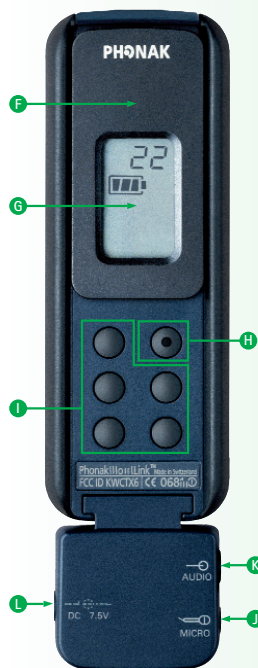
ZoomLink Zoom



Technical Data



- A** Fixed lavalier cord with integrated antenna
- B** Buttons for microphone settings:
 - Omni
 - Zoom
 - SuperZoom²
- 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 ± 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	