

Technical Data

MyLink+ is a Dynamic FM neck-loop receiver, which provides excellent sound quality. It is compatible with all hearing instruments that use a T-coil, including custom products and mini-BTEs. MyLink+ has a quick-charging Lithium Polymer battery with a long operating life. For listeners with normal hearing, MyLink+ also features a headphone output.

MyLink+ is based on Dynamic FM, Phonak's next-generation FM platform. Its key component for adult users is Adaptive FM Advantage (AFMA), a new algorithm that automatically adjusts the output of the FM receiver to take account of surrounding ambient noise. The result is a very significant improvement in signal-to-noise ratio, which with MyLink+ is now available via a Dynamic FM inductive neck-loop receiver. The specific configuration of some customers' hearing instrument T-coils may limit the benefits of Dynamic FM.

MyLink+ features:

- Dynamic FM performance
- Highly durable
- Compatible with all hearing instruments with a T-coil (including custom products)
- Compatible with all Phonak Dynamic FM transmitters (and backwards-compatible with Phonak's Classic FM transmitters)
- Quick-charging (1h = 80% / 2h = 100%), long-life battery
- Headphone output

Relevant internet pages

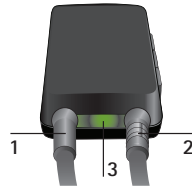
Your online comprehensive FM support tool for schools
www.eSchoolDesk.com


Latest set-up tips for FM systems in combination with hearing instruments and Cochlear implants.
www.phonak.com/FM_Configurator


Your online FM knowledge base
www.FMeLibrary.com

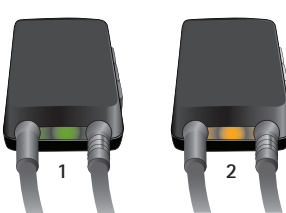
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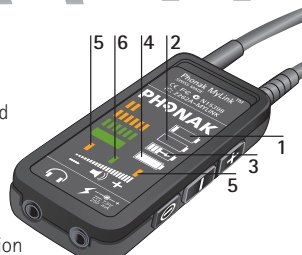


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- 1 Fixed side of the neck-loop
 - 2 Detachable side of the neck-loop
 - 3 Status indicator

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- 1 Toggle switch for volume control
 - 2 On/Off switch

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- 1 Charging socket
 - 2 Headphones socket

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- 1 Green indicator
 - 2 Orange indicator

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- 1 Battery almost empty
 - 2 Battery completely exhausted
 - 3 Charging in process
 - 4 Charging completed
 - 5 Volume control minimum/maximum position
 - 6 Volume control middle position

Technical Data

MyLink+

Dimensions:

Dimension without neck-loop (LxWxH):	66 x 29 x 12 mm
Length of the neck-loop:	760 mm
Weight (including loop):	42 g

Frequency range:	169.40 - 176.00 MHz (Band HA) 214.00 - 220.00 MHz (Band NB)
Frequency:	Multi-channel, quartz-stabilized
Frequency stability:	Better than +/- 10 ppm over the whole voltage and temperature range
Frequency fine tuning (AFC):	+/- 6 kHz
Type of modulation:	FM
Antenna:	Built-in magnetic antenna
Adjacent channel selectivity:	< 50 dB at 150 kHz
Sensitivity:	SINAD ≥ 15 dB at E = 3 mV/m

Reception range:	More than 15 meters (50 feet) internally and 40 - 50 meters (130 - 170 feet) externally
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Audio bandwidth:	100 Hz - 5500 Hz (-3 dB)
Total harmonic distortion:	< 2% for fmod = 1 kHz and fdev = 3 kHz
Signal-to-noise ratio:	48 dB
Magnetic field strength:	1.25 A/m 150 mm above the center loop for fmod = 1 kHz and fdev = 4 kHz

Level of headphone output:	150 mV at 32 Ohm for fmod = 1 kHz and fdev = 4 kHz
Headphone connector:	Stereo Jack 2.5 mm

Battery:	Lithium Polymer 3.7 V DC
Capacity:	250 mAh
Operating time:	> 10 hours
Charging time:	100% charged in 2 hours, 80% charged in 1 hour

Charging connector:	Internal diameter 1.1 mm, external diameter 3 mm, inner pole positive
Charging voltage:	7.5 V DC (260 mA)

Operating temperature range:	-10°C to +60°C
Charging temperature range:	0°C to +40°C

EMC:	According to EN 60601-1-2
Radiocom:	According to EN 300-422-1
El. Safety	According to EN 60601-1

⚠ Persons with pacemakers or other medical devices should ALWAYS consult their physician, the manufacturer of their pacemaker, or other medical device BEFORE using MyLink+. The use of MyLink+ with a pacemaker or other medical devices should ALWAYS be in accordance with the safety recommendations of the physician responsible for your pacemaker or the pacemaker manufacturer.

Dynamic FM System data for Dynamic FM transmitters and MyLink+

Adaptive FM Advantage (AFMA): FM gain increases for ambient noise levels \geq 57 dB SPL
Note: The specific configuration of some customers' hearing instrument T-coils may limit the benefits of Dynamic FM.

Dynamic FM advantage over the Hearing instrument:	Up to 22 dB
Dynamic FM advantage over a traditional FM system:	Up to 12 dB
Data measured on the MyLink+ loop with the MyLink+ volume control in middle position. If the MyLink+ volume is being increased, the additional gain is getting smaller.	

Voice Activity Detection (VAD):	For inspiro and DynaMic only
Attack time:	5 ms
Hold-on time:	5 seconds
Release time:	2 seconds
Voice off attenuation:	-26 dB

Wireless DataLink:	
Frequency range:	Above the audio band
Operating range:	As FM operating range

Wireless programming and monitoring:	
FSK Link:	Frequency 40.96 kHz / Data rate 1000 - 2000 Bit/s Link from the transmitter to the MyLink+
OOK Link:	Frequency 8.192 kHz / Data rate 1024 Bit/s Link from the MyLink+ to the inspiro
Operating range:	20 cm / 8 inches

MultiTalker Network*:	For inspiro and DynaMic only
Digital network for up to 10 transmitters	
Frequency:	2.4 GHz / Data rate 2 Mbits/s
Operating range between the transmitters:	8 m

* Also available if **inspiro** is used with traditional FM receivers.