Life sounds brilliant.

Silk primax

Technical Data

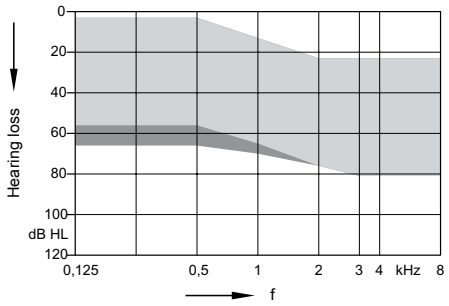
7px | 5px | 3px | 2px | 1px

- 61 dB / 124 dB SPL (ear simulator)
- 50 dB / 113 dB SPL (2 ccm coupler)

Silk primax | Technical Data

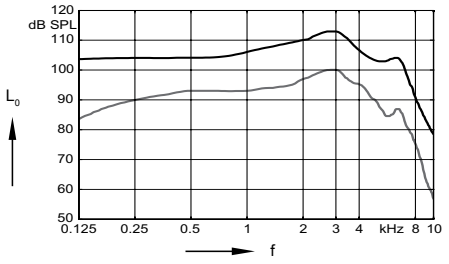
Output sound pressure level	2 ccm coupler	Ear simulator
at 1.6 kHz	–	118 dB SPL
Peak	113 dB SPL	124 dB SPL
HFA-OSPL 90	109 dB SPL	–
Gain		
Full on gain (FOG) at 1.6 kHz	–	53 dB
Full on gain (Peak)	50 dB	61 dB
HFA-FOG	46 dB	–
Reference test gain	33 dB	43 dB
Frequency, noise and directivity		
Frequency range 7px 5px / 3px / 2px / 1px	100-7800 Hz 100-7800 Hz	130-8700 Hz 130-8000 Hz
Equivalent input noise	21 dB SPL	21 dB SPL
Total harmonic distortion at 500 / 800 / 1600 Hz	3 / 3 / 2 %	5 / 6 / 4 %
Tinnitus noiser broadband	70 dB SPL	–
AI-DI	–	
Inductive coil sensitivity		
MASL (1 mA/m) at 1.6 kHz	–	–
HFA MASL (1 mA/m)	–	–
HFA SPLITS (left/right)	–	–
RSETS (left/right)	–	–
Battery		
Battery voltage	1.3 V	
Battery current drain	1.1 mA	
Battery life (cell zinc air)	~60 h	
Battery life (rechargeable)	–	
IRIL IEC 118-13:2004 (bystander)		
800-960 MHz	<-6 dB SPL	
1400-2000 MHz	<-24 dB SPL	
ANSI C63.19	M4	

Silk primax | Basic Data



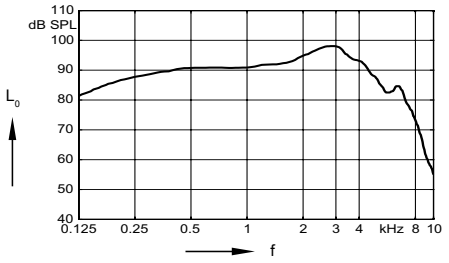
Vented Click Sleeves
\+
Closed Click Sleeves

2 ccm coupler



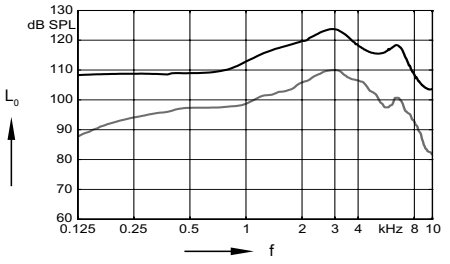
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



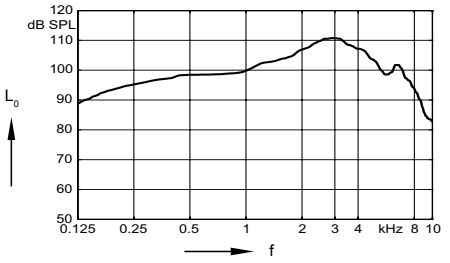
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



Basic acoustic response (L_I = 60 dB)

Silk primax | Features and Accessories

	7px	5px	3px	2px	1px
Audiology					
Signal processing[1] / Gain/MPO[2]	48 / 20	32 / 16	24 /12	16 / 8	16 / 8
Hearing programs	6	6	6	4	4
SpeechMaster	●	●	●	●	●
HD Music[3]	3	1	1	—	—
TwinPhone[4] [13]	—	—	—	—	—
EchoShield	●	—	—	—	—
Wireless CROS/BICROS[5]	●	●	●	—	—
Directionality[1] [14]	—	—	—	—	—
binaural OneMic directionality[6]	■■■■■	—	—	—	—
Narrow Directionality[4]	—	—	—	—	—
Directional microphone	—	—	—	—	—
Spatial SpeechFocus[4]	—	—	—	—	—
SpeechFocus	—	—	—	—	—
Frequency compression	●	●	●	●	●
Extended bandwidth	●	—	—	—	—
Feedback cancellation	●	●	●	●	●
eWindScreen binaural[4]	—	—	—	—	—
eWindScreen™ [7]	3	3	on / off	on / off	—
Noise Reduction[1] [7]	48 / 5	32 / 5	24 / 3	16 / 3	16 / on/off
Speech and noise management[7]	7	5	3	3	on / off
SoundSmoothing™ [7]	3	3	1	on / off	—
Directional speech enhancement[7]	3	—	—	—	—
Adaptive streaming volume[7]	●	—	—	—	—
SoundBrilliance™ [8]	●	●	—	—	—
Sound equalizer[9]	6	3	—	—	—
Spatial Configurator[4]	—	—	—	—	—
Span[12]	—	—	—	—	—
Direction[12]	—	—	—	—	—
SoundBalance	●	●	●	●	●
Fitting					
Insitugram	●	●	●	●	●
Learning[9] / Data logging	6 / ●	3 / ●	1 / ●	— / ●	— / ●
Acclimatization manager	●	●	●	●	●
Tinnitus					
Tinnitus noiser					
Static therapy signal[2] [3]	20 / 5	16 / 5	12 / 5	4 / 1	—
Ocean Waves therapy signal[2]	4	4	4	—	—
Notch therapy	●	●	●	—	—

Silk primax | Features and Accessories

	7px / 5px / 3px	2px / 1px
Style Specific Features		
Ingress Protection Rating	—	—
Telecoil	—	—
AutoPhone™	—	—
Charging contacts	—	—
Battery Size	10	10
Battery door on/off function	●	●
Nanocoated housing	—	—
e2e wireless™ 3.0	○	○
Audio streaming	○	○
User controls coupling via e2e	○	○
Wireless programming	○	○
Instrument configurations		
Flat cover	—	—
Volume wheel	—	—
Push button	—	—
Rocker switch	—	—
Color conversion kit	—	—
Battery door – direct audio input	—	—
Battery door – child lock	—	—
Small earhook	—	—
Programming Accessories		
ConnexxAir, ConnexxLink™	●	●
Programming adaper / cable	Flex connector	Flex connector
Accessories		
miniPocket	○	○
CROS Pure	○	—
eCharger	—	—
easyPocket™	○	○
easyTek	○	○
TV Transmitter (req. easyTek)	○	○
Transmitter (req. easyTek)	○	○
VoiceLink™ (req. easyTek)	○	○
App		
easyTek App (req. easyTek)	○	○
touchControl App	○	○

● available ■■■■■ highest feature performance ○ optional — not available

[1] channels
[2] handles
[3] presets
[4] req. bilateral fitting and e2e™ 3.0
[5] req. CROS Mic
[6] req. billateral fitting, e2e 3.0™ and single mic instruments
[7] steps
[8] streaming only, req. easyTek
[9] classes
[10] iOS™ / Android™
[11] req. e2e 3.0
[12] req. easyTek & easyTek App or touchControl App
[13] req. AutoPhone
[14] req. directional microphone

Notes

Abbreviations and Standards

Abbreviations

The following abbreviations are used in this datasheet:

OSPL	Output Sound Pressure Level
HFA	High Frequency Average
FOG	Full-On Gain
MASL	Magneto Acoustical Sensitivity Level
SPLITS	Coupler SPL for an Inductive Telephone Simulator
RSETS	Relative Equivalent Telephone Sensitivity
AI-DI	Articulation Index - Directivity Index
IRIL	Input Related Interference Level
RTF	Reference Test Frequency

Standards

- ▶ All measurements with the 2 ccm coupler were performed according to ANSI S3.22-2009 and IEC 60118-7:2005 if applicable.
- ▶ All measurements with an ear simulator were performed according to IEC 118-0/A1 and to DIN 45605 (frequency range) if applicable.
- ▶ Tinnitus noiser measurement conditions: all tinnitus single frequency sliders in max position, master volume slider in default position (0 dB) and local volume control in default position.
- ▶ Extended frequency range up to 12 kHz for 7px devices only.

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice. The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

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Warning
Choking hazard posed by small parts.
- ▶ This instrument is not intended for the fitting of infants, children under 3 years and persons of mental incapacity.

Order No. 03033-99T5-7600
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