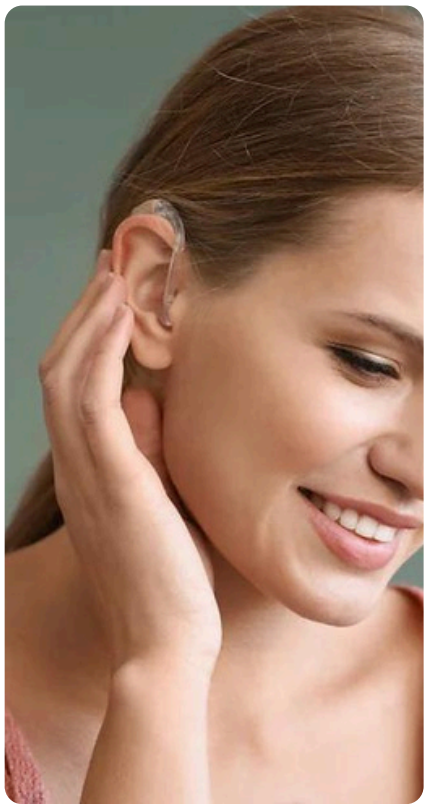
Professional Hearing Solutions

Latest Hearing Aids



DATA SHEET

www.professionalhearingsolution.com

0332-5014111

Life sounds brilliant.

Prompt Custom

Technical Data

ITE

118/55
- 65 dB / 128 dB SPL (ear simulator)
- 55 dB / 118 dB SPL (2 ccm coupler)

124/65
- 74 dB / 134 dB SPL (ear simulator)
- 65 dB / 124 dB SPL (2 ccm coupler)

ITC

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

118/55
- 65 dB / 129 dB SPL (ear simulator)
- 55 dB / 118 dB SPL (2 ccm coupler)

124/65
- 75 dB / 134 dB SPL (ear simulator)
- 65 dB / 124 dB SPL (2 ccm coupler)

CIC

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

118/55
- 65 dB / 128 dB SPL (ear simulator)
- 55 dB / 118 dB SPL (2 ccm coupler)

124/65
- 75 dB / 134 dB SPL (ear simulator)
- 65 dB / 124 dB SPL (2 ccm coupler)

Prompt Custom ITE | Technical Data

Type	118/55		124/65	
Output sound pressure level	**2 ccm coupler**	**Ear simulator**	**2 ccm coupler**	**Ear simulator**
at 1.6 kHz	–	119 dB SPL	–	128 dB SPL
Peak	118 dB SPL	128 dB SPL	124 dB SPL	134 dB SPL
HFA-OSPL 90	113 dB SPL	–	120 dB SPL	–
Gain				
Full on gain (FOG) at 1.6 kHz	–	55 dB	–	66 dB
Full on gain (Peak)	55 dB	65 dB	65 dB	74 dB
HFA-FOG	48 dB	–	60 dB	–
Reference test gain	35 dB	45 dB	44 dB	53 dB
Frequency, noise and directivity				
Frequency range	100-7500 Hz	120-8000 Hz	100-6100 Hz	100-6000 Hz
Equivalent input noise	21 dB SPL	17 dB SPL	21 dB SPL	21 dB SPL
Total harmonic distortion at 500 / 800 / 1600 Hz	2 / 3 / 2 %	3 / 5 / 3 %	2 / 3 / 2 %	7 / 7 / 3 %
Tinnitus noiser broadband	–	–	–	–
AI-DI	–		–	
Inductive coil sensitivity				
MASL (1 mA/m) at 1.6 kHz	–	85 dB SPL	–	97 dB SPL
HFA MASL (1 mA/m)	78 dB SPL	–	89 dB SPL	–
HFA SPLITS (left/right)	94 / 94 dB SPL	–	103 / 103 dB SPL	–
RSETS (left/right)	-1 / -1 dB	–	0 / 0 dB	–
Battery				
Battery voltage	1.3 V		1.3 V	
Battery current drain	1.0 mA		1.1 mA	
Battery life (cell zinc air) Type 13 / 312	~ 220 h / ~120 h		~200 h / ~110 h	
Battery life (rechargeable)	–		–	
IRIL IEC 118-13:2011 (bystander)				
800-960 MHz	< -6 dB SPL		< -6 dB SPL	
1400-2000 MHz	< -24 dB SPL		< -24 dB SPL	
ANSI C63.19	M4 / T3		M4 / T3	

Prompt Custom ITC | Technical Data

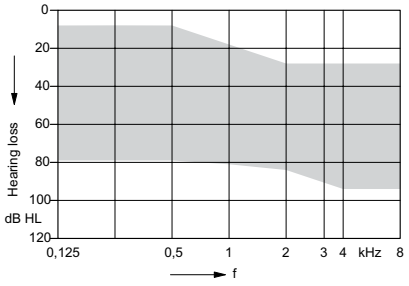
Type	113/50		118/55		124/65	
Output sound pressure level	**2 ccm coupler**	**Ear simulator**	**2 ccm coupler**	**Ear simulator**	**2 ccm coupler**	**Ear simulator**
at 1.6 kHz	–	116 dB SPL	–	119 dB SPL	–	127 dB SPL
Peak	113 dB SPL	124 dB SPL	118 dB SPL	129 dB SPL	124 dB SPL	134 dB SPL
HFA-OSPL 90	108 dB SPL	–	112 dB SPL	–	120 dB SPL	–
Gain						
Full on gain (FOG) at 1.6 kHz	–	52 dB	–	53 dB	–	65 dB
Full on gain (Peak)	50 dB	61 dB	55 dB	65 dB	65 dB	75 dB
HFA-FOG	44 dB	–	47 dB	–	60 dB	–
Reference test gain	31 dB	35 dB	35 dB	44 dB	44 dB	53 dB
Frequency, noise and directivity						
Frequency range	100-7800 Hz	110-8000 Hz	100-7800 Hz	110-8000 Hz	100-6200 Hz	100-6600 Hz
Equivalent input noise	21 dB SPL	21 dB SPL	21 dB SPL	22 dB SPL	20 dB SPL	20 dB SPL
Total harmonic distortion at 500 / 800 / 1600 Hz	4 / 3 / 3 %	3 / 4 / 3 %	2 / 2 / 2 %	3 / 5 / 4 %	2 / 3 / 1 %	5 / 7 / 2 %
Tinnitus noiser broadband	–	–	–	–	–	–
AI-DI	–		–		–	
Inductive coil sensitivity						
MASL (1 mA/m) at 1.6 kHz	–	74 dB SPL	–	85 dB SPL	–	96 dB SPL
HFA MASL (1 mA/m)	65 dB SPL	–	77 dB SPL	–	89 dB SPL	–
HFA SPLITS (left/right)	90 / 90 dB SPL	–	94 / 94 dB SPL	–	103 / 103 dB SPL	–
RSETS (left/right)	-1 / -1 dB	–	-1 / -1 dB	–	0 / 0 dB	–
Battery						
Battery voltage	1.3 V		1.3 V		1.3 V	
Battery current drain	1.1 mA		1.1 mA		1.1 mA	
Battery life (cell zinc air) Type 312 / 10	~ 110 h / ~ 60 h		~ 110 h / ~ 60 h		~110 h / -	
Battery life (rechargeable)	–		–		–	
IRIL IEC 118-13:2011 (bystander)						
800-960 MHz	< -6 dB SPL		< -6 dB SPL		<-6 dB SPL	
1400-2000 MHz	< -24 dB SPL		< -24 dB SPL		<-24 dB SPL	
ANSI C63.19	M4 / T2		M4 / T2		M4 / T2	

Prompt Custom CIC | Technical Data

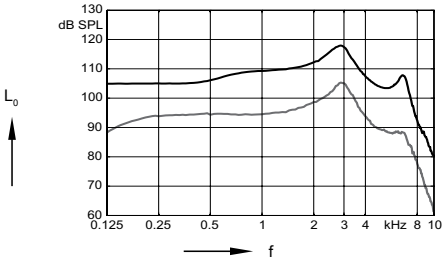
Type	113/50		118/55		124/65	
Output sound pressure level	**2 ccm coupler**	**Ear simulator**	**2 ccm coupler**	**Ear simulator**	**2 ccm coupler**	**Ear simulator**
at 1.6 kHz	–	116 dB SPL	–	119 dB SPL	–	127 dB SPL
Peak	113 dB SPL	124 dB SPL	118 dB SPL	128 dB SPL	124 dB SPL	134 dB SPL
HFA-OSPL 90	109 dB SPL	–	112 dB SPL	–	119 dB SPL	–
Gain						
Full on gain (FOG) at 1.6 kHz	–	52 dB	–	55 dB	–	67 dB
Full on gain (Peak)	50 dB	63 dB	55 dB	65 dB	65 dB	75 dB
HFA-FOG	45 dB	–	48 dB	–	60 dB	–
Reference test gain	32 dB	41 dB	35 dB	44 dB	43 dB	52 dB
Frequency, noise and directivity						
Frequency range	100-8100 Hz	110-8100 Hz	100-8100 Hz	130-8100 Hz	100-6300 Hz	100-7900 Hz
Equivalent input noise	21 dB SPL	21 dB SPL	18 dB SPL	19 dB SPL	18 dB SPL	18 dB SPL
Total harmonic distortion at 500 / 800 / 1600 Hz	3 / 3 / 2 %	4 / 5 / 4 %	1 / 1 / 1 %	1 / 2 / 2 %	1 / 2 / 1 %	3 / 4 / 1 %
Tinnitus noiser broadband	–	–	–	–	–	–
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		1.3 V		1.3 V	
Battery current drain	1.0 mA		1.0 mA		1.1 mA	
Battery life (cell zinc air) Type 10	~ 70 h		~ 70 h		~ 65 h	
Battery life (rechargeable)	–		–		–	
IRIL IEC 118-13:2011 (bystander)						
800-960 MHz	< -6 dB SPL		< -6 dB SPL		< -6 dB SPL	
1400-2000 MHz	< -24 dB SPL		< -24 dB SPL		< -24 dB SPL	
ANSI C63.19	M4		M4		M4	

Prompt Custom ITE | Basic Data

118/55

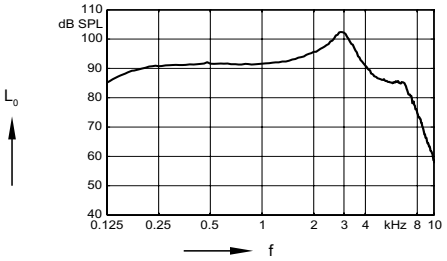


2 ccm coupler



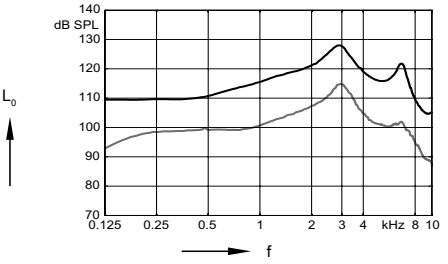
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



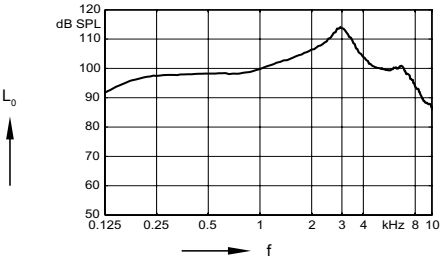
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



Basic acoustic response (L_I = 60 dB)

Prompt Custom ITE | Basic Data

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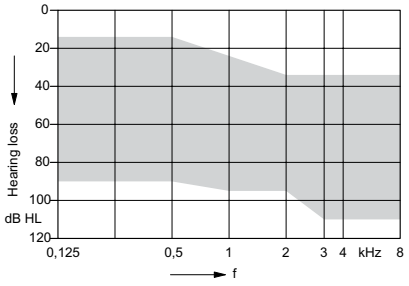
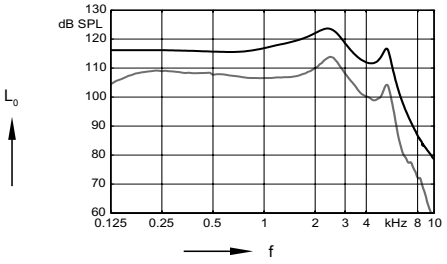
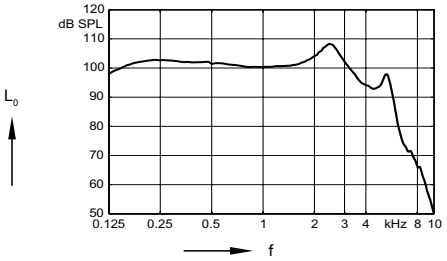


2 ccm coupler



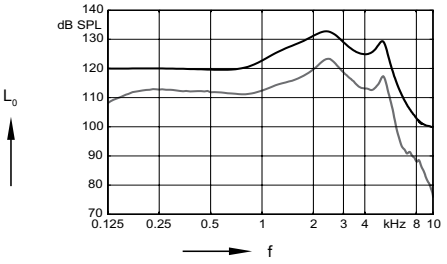
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



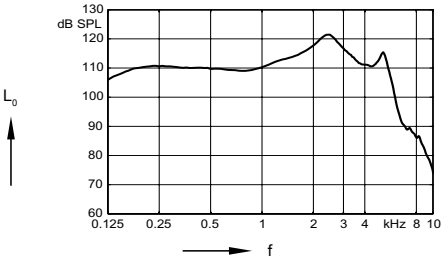
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

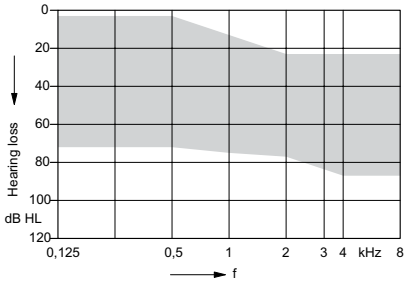
Full on gain (L_I = 50 dB)



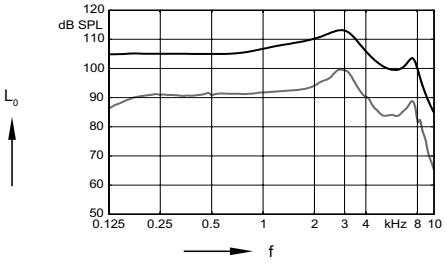
Basic acoustic response (L_I = 60 dB)

Prompt Custom ITC | Basic Data

113/50

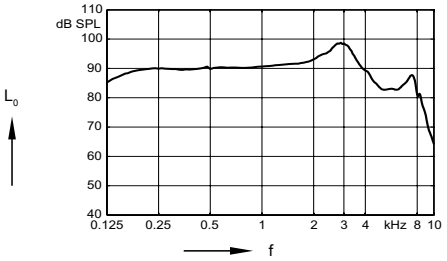


2 ccm coupler



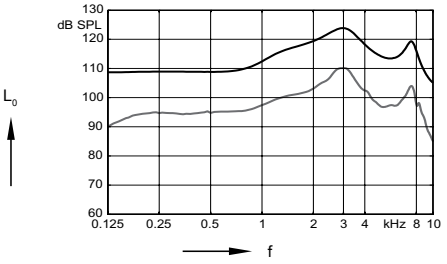
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



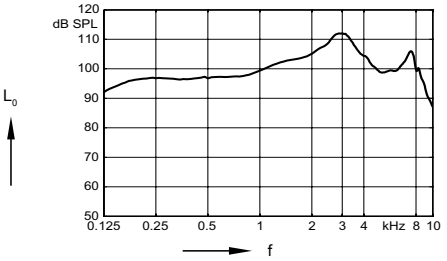
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

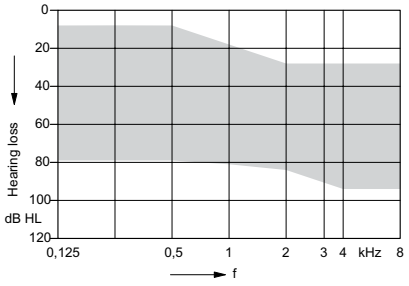
Full on gain (L_I = 50 dB)



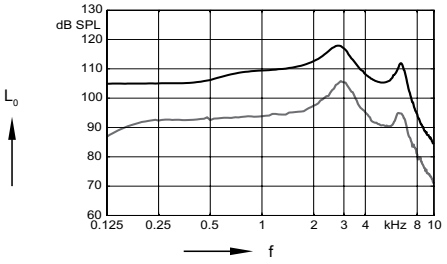
Basic acoustic response (L_I = 60 dB)

Prompt Custom ITC | Basic Data

118/55

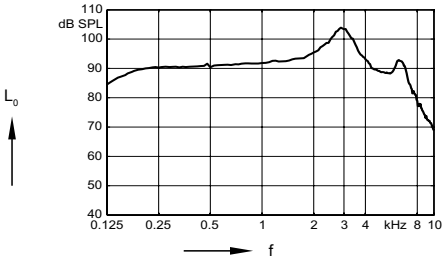


2 ccm coupler



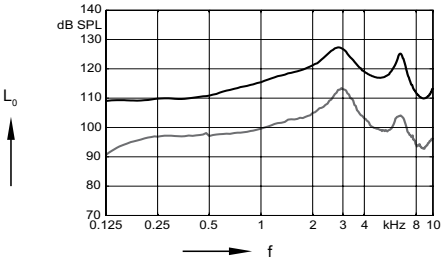
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



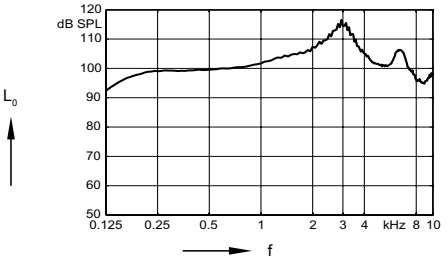
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

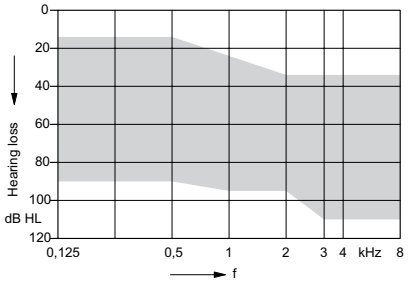
Full on gain (L_I = 50 dB)



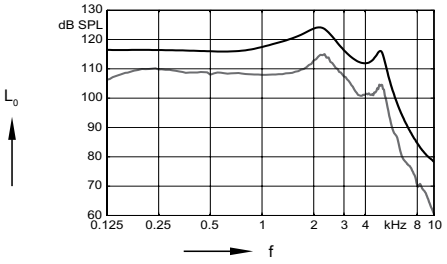
Basic acoustic response (L_I = 60 dB)

Prompt Custom ITC | Basic Data

124/65

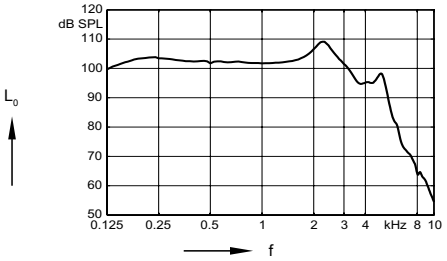


2 ccm coupler



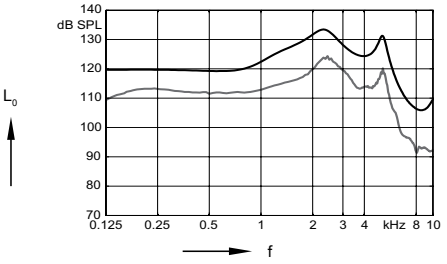
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



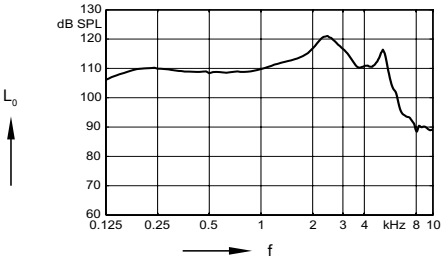
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

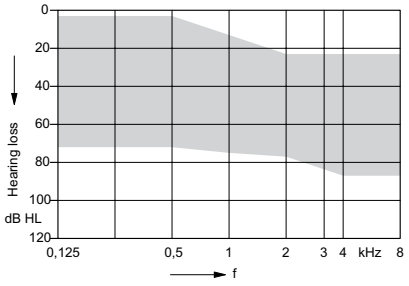
Full on gain (L_I = 50 dB)



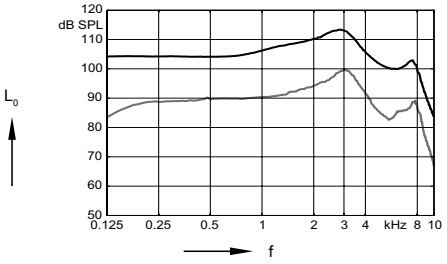
Basic acoustic response (L_I = 60 dB)

Prompt Custom CIC | Basic Data

113/50

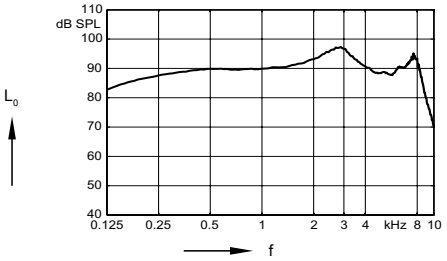


2 ccm coupler



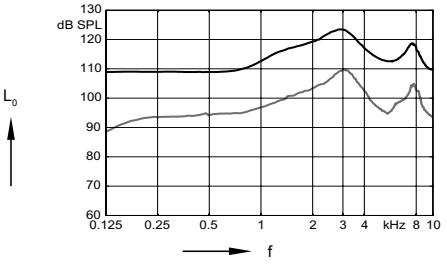
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



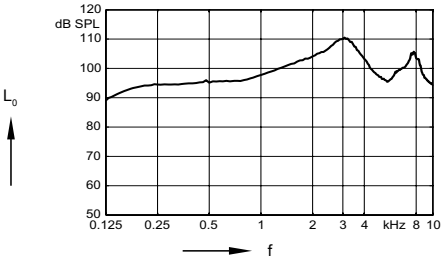
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

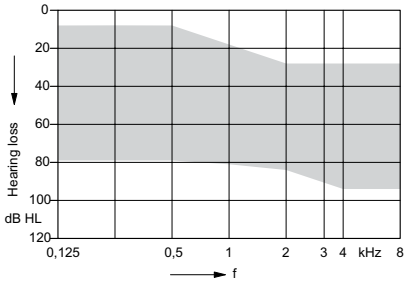
Full on gain (L_I = 50 dB)



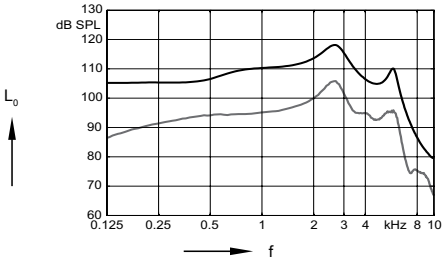
Basic acoustic response (L_I = 60 dB)

Prompt Custom CIC | Basic Data

118/55

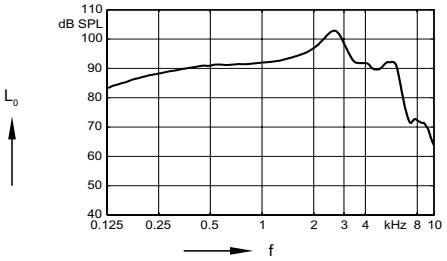


2 ccm coupler



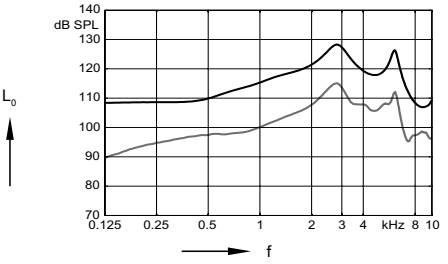
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



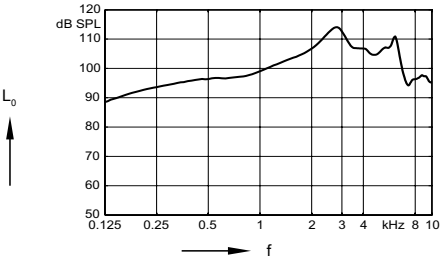
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

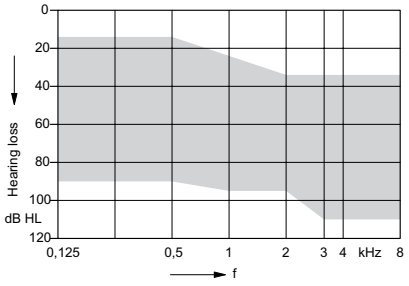
Full on gain (L_I = 50 dB)



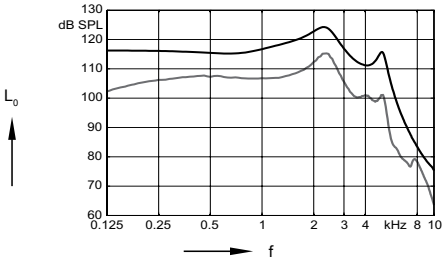
Basic acoustic response (L_I = 60 dB)

Prompt Custom CIC | Basic Data

124/65

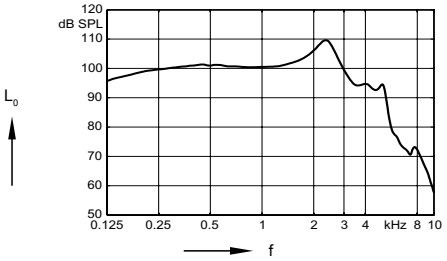


2 ccm coupler



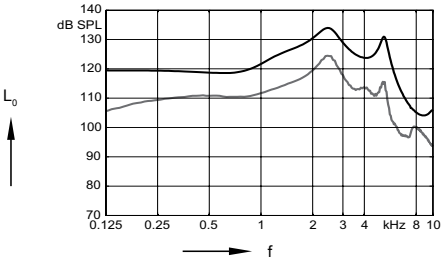
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



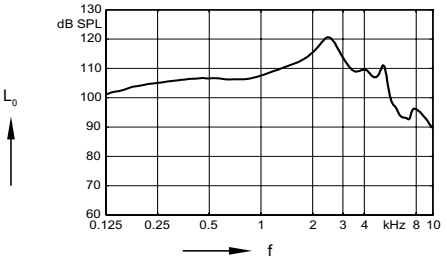
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



Basic acoustic response (L_I = 60 dB)

Prompt Custom | Features and Accessories

	ITE / ITC / CIC
Audiology	
Signal processing[1] **/ Gain/MPO**[2]	8 / 4
Hearing programs	4
SpeechMaster	—
HD Music[3]	—
TwinPhone[4] [13]	—
EchoShield	—
Wireless CROS/BICROS[5]	—
Directionality (channels)	—
Narrow Directionality[1]	—
Directional microphone	—
Spatial SpeechFocus[1]	—
SpeechFocus	—
TruEar™	—
Frequency compression	—
Extended bandwidth	—
Feedback cancellation	●
eWindScreen binaural[4]	—
eWindScreen™ (steps)	—
Noise Reduction (channels / steps)	on / off
Speech and noise management (steps)	—
SoundSmoothing™ (steps)	—
Directional speech enhancement (steps)	—
Adaptive streaming volume[3]	—
SoundBrilliance™ [3]	—
Sound equalizer (classes)	—
Spatial Configurator[1]	—
Span[4]	—
Direction[5]	—
SoundBalance	—
Fitting	
Insitugram	●
Learning (classes) **/ Data logging**	— / ●
Acclimatization manager	—
Tinnitus	
Tinnitus noiser	
Static therapy signal (handels / presets)	—
Ocean Waves therapy signal (presets)	—
Notch therapy	—

Prompt Custom | Features and Accessories

	ITE	ITC	CIC
Style Specific Features			
Ingress Protection Rating	—	—	—
Telecoil	○	○	—
AutoPhone™	—	—	—
Charging contacts	—	—	—
Battery Size	13 / 312	312 / 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 adapter / cable	Flex connector	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.

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Germany
Phone +49 9131 308 0

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.

Warning
Instrument has an output sound pressure level of 132 dB SPL or more.
Risk of impairing the residual hearing of the user.
- ▶ Take special care when fitting this instrument.

Order No. 03323-99T2-7600

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