

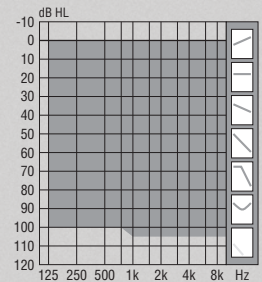
Product information

OTICON | Alta2 Alta2 Pro, Alta2

Oticon Alta2 is built on the Inium Sense platform. Alta2 audiology provides its users with premium listening performance and can be adjusted to the individual's listening preferences. Based on VAC+ rationale and Soft Speech Booster, Alta2 allows factoring in differences in loudness perception and optimising the listening experience in soft sounds.

The Alta2 family styles range from compact in-the-ear styles to a broad palette of behind-the-ear styles. The style range includes the new smaller non-wireless IIC & CIC 75 V2 which fits even more users due to its smaller size.

FITTING RANGE



Soft Speech Booster

Soft Speech Booster is a feature of VAC+ that provides increased level of soft gain at high frequencies. The feature enhances the details of soft speech signals and is adapted to client's individual needs and preferences for soft sounds and soft speech. The new Soft Sound Perception trimmer in Genie adjusts how the soft gain provided by Soft Speech Booster is delivered to each client.

YouMatic Premium

YouMatic is a personal automatic system programmed to the client's individual needs and sound preferences. YouMatic controls the sound processing across multiple environments by adjusting the response, directionality, noise management, transient management and compression.

Speech Guard E

Speech Guard is a signal processing system that preserves speech dynamics and speech patterns, as these are important and essential information for the auditory system. Speech Guard E is optimised to better line up with the dynamic range of speech in order to preserve more of the speech cues.

Speech Guard E maintains audibility, prevents discomfort and safeguards speech envelopes by combining the advantages of both fast and slow-acting compression.

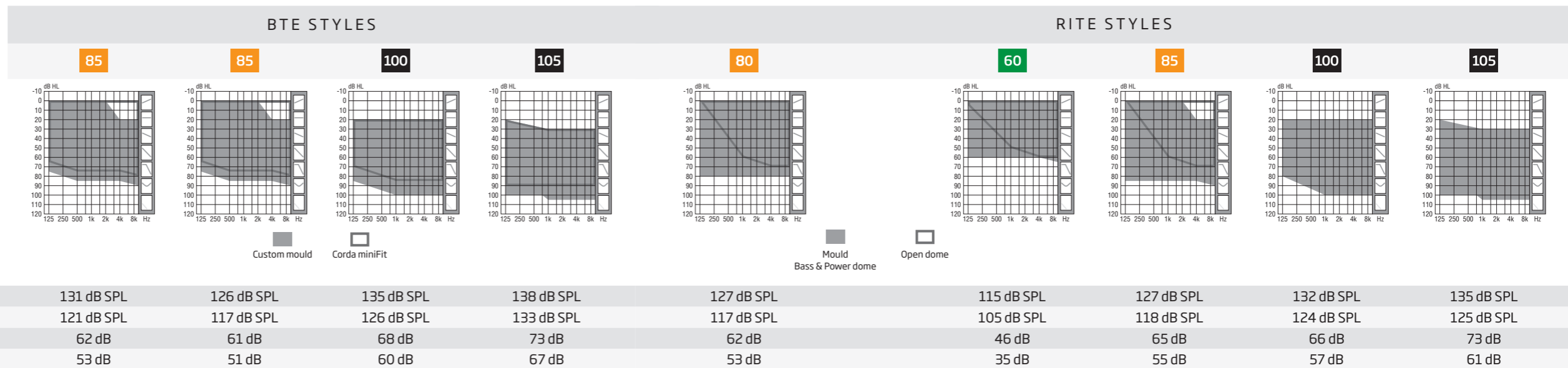
Inium Sense feedback shield

Inium Sense feedback shield significantly reduces whistling without compromising sound quality or comfort.

Family Features

- Speech Guard E
- Spatial Noise Management
- Spatial Sound Premium
- Binaural Processing
- Binaural Synchronisation
- Binaural Coordination
- YouMatic Premium
- Soft Speech Booster
- Voice Aligned Compression (VAC+)
- Fitting Bandwidth 10 kHz
- Inium Sense feedback shield
- Free Focus Premium
- Learning
- Memory
- T-coil
- AutoPhone Program
- Power Bass (streaming)
- Music Widening (streaming)
- TriState Noise Management
- Transient Management
- Multi-band Adaptive Directionality
- NAL-NL1, NAL-NL2 and DSL v5.0a m[i/o]
- Flexible miniFit receiver system
- ConnectLine and Remote Control
- DAI input and FM option
- In-situ audiometry (Genie)
- IP68 water & dust resistant certified (all custom instruments)
- IP58 water resistant certified (all behind the ear instruments)





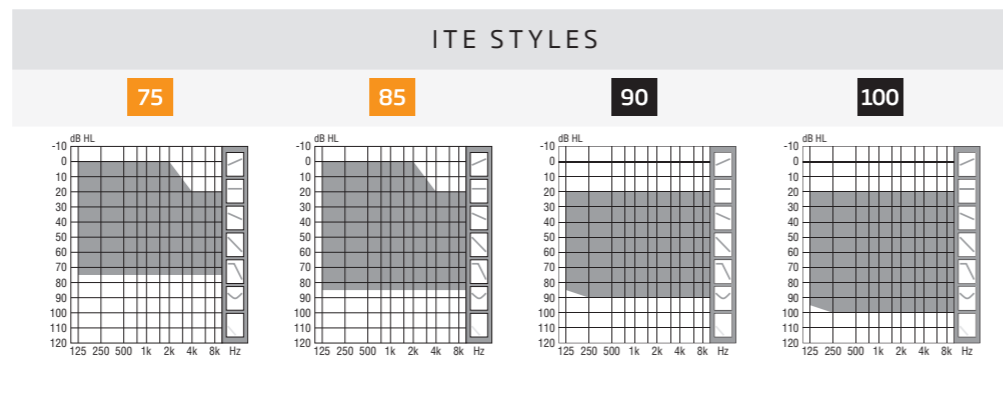
	miniBTE	BTE13	BTE13 105	designRITE	miniRITE	RITE
Battery size	312	13	13	10	312	312
Fitting levels	85	85 100	105	80	60 85 100 105	60 85 100 105
Battery life (h)*	115-140	85-190	100-200	65-75	80-110	80-110
Wireless	■	■	■	■	■	■
Directional	■	■	■	■	■	■
Program control	■	■	■	■	■	■
Volume control	■	■	■	■	■	■
Telecoil	■	■	■	■	■	■
AutoPhone	■	■	■	■	■	■
ConnectLine/Remote Control compatible	■	■	■	■	■	■
FM compatible	■	■	■	■	■	■
Optional programming interface, cable #3	Cable #3 directly	Programming shoe	Cable #3 directly	Cable #3 directly <small>Alta2 Pro only</small>	FlexConnect	Programming shoe

■ Default
○ Option

* Real usage battery life is shown as an estimated interval based on measurements with variable amplification settings and variable input levels.



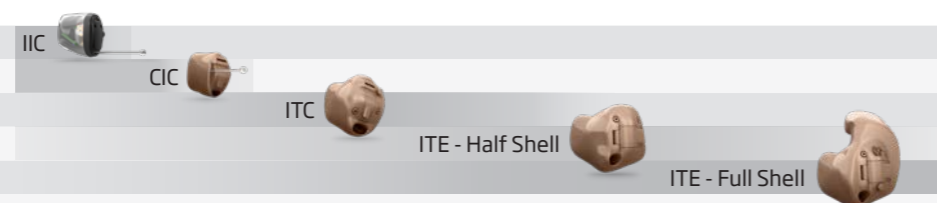
ACCESSORIES		
Accessories	Type/info	Use with
Tamper resistant battery drawer	Available in 7 colours Available in 8 colours	RITE, miniBTE, BTE13 and BTE13 105 miniRITE
DAI adaptor	AP900 AP1000	BTE13 and RITE BTE13 105
Dedicated FM receiver	Amigo R12 Amigo R12G2	BTE13 and RITE BTE13 105
FM adaptor	FM 9 FM10 Compatible with Amigo R2 and other universal receivers	BTE13 BTE13 105



CONDITIONS

Operating conditions	Temperature: +1°C to +40°C Relative humidity: 5% to 93%, non-condensing
Storage and transportation conditions	Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage. Temperature: -25°C to +60°C Relative humidity: 5% to 93%, non-condensing

OSPL90 (peak)	Ear simulator	119 dB SPL	126 dB SPL	130 dB SPL	135 dB SPL
	2cc coupler	109 dB SPL	117 dB SPL	121 dB SPL	127 dB SPL
Full-on gain (peak)	Ear simulator	49 dB	59 dB	64 dB	71 dB
	2cc coupler	38 dB	50 dB	54 dB	62 dB



GENERAL FITTING

Oticon Alta2 instruments are programmed using the Genie 2015.2 fitting software or higher compatible with NOAH 3 or higher.

Wireless fitting - FittingLINK
FittingLINK provides a wireless link (Bluetooth) between the PC and one or two wireless enabled hearing instruments. In addition FittingLINK can be used via a USB cable connected to the PC.

Cabled fitting
Use programming cable #3.

Battery size	10	312	13
Fitting levels	75 85	75 85 90 100	75 85 90 100
Battery life (h) ¹	95-100	75-135	140-250
Wireless	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Directional	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Program control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Volume control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Telecoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AutoPhone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ConnectLine / Remote Control compatible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FM compatible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Optional programming interface, cable #3	Programming Adaptor Mini ³ FlexConnect Mini ⁴	FlexConnect Mini	FlexConnect Mini

IIC is only available as Alta2 Pro 75

COLOUR SELECTION

RITE & BTE STYLES

90
Chroma Beige

94
Terracotta

93
Chestnut Brown

44
Silver

91
Silver Grey

92
Steel Grey

63
Diamond Black

ADDITIONAL COLOURS

miniRITE

47
Cool Blue

designRITE

99
Pale Lime

95
Vivid Lilac

66
Mother of Pearl

73
Cabernet Red

68
Midnight Blue

69
Sunset Orange

CUSTOM STYLES

01
Beige

02
Light Brown

03
Medium Brown

04
Dark Brown

05
Black

IIC & CIC only

POWER FLEX MOULDS

01
Beige

02
Light Brown

03
Medium Brown

04
Dark Brown

05
Black

06
Transparent

- Default
 - Option
- 1) Real usage battery life is shown as an estimated interval based on measurements with variable amplification settings and variable input levels.
 - 2) Option only available for CIC
 - 3) Non-wireless IIC & CIC 75 V2 instruments from November 2016
 - 4) Wireless instruments and non-wireless from before November 2016

ITE STYLES

Wax protection	Sound output, non-wireless IIC and CIC ³	ProWax miniFit
	Sound output, wireless and non-wireless instruments ⁴	ProWax
	Microphone inlet, 10 battery instruments	T-Cap
	Microphone inlet, 312 and 13 battery instruments	O-Cap

Instruments with 312 battery may be produced with horizontal battery drawer depending on ear geometry.

Oticon optimises fitting level and venting by default according to hearing loss, requested instrument style and ear geometry.

miniRITE & RITE	
Receiver unit	Must use miniFit receivers. Select between three receiver types with different output performance, labelled according to fitting capabilities: 60, 85 and 100.
	60, 85 lengths 0-5 100 lengths 1-5
Power Flex mould	Select between two Power Flex moulds, 100 and 105, with different output performance
Receiver wire	Separate wires connect Power Flex moulds to the instruments, available in lengths 1-5.
Receiver connector to instrument	Type C1 (marked on packaging).
ProWax miniFit	miniFit receivers 60, 85 and 100.
ProWax	Power Flex mould Micro mould LiteTip

BTE STYLES	
Sound hook	Interchangeable standard and child hook, both damped and undamped, for BTE13 105 . Interchangeable standard and child hook for BTE13 85 and BTE13 100 . Interchangeable standard and child hook for miniBTE 85 .
Damper	Damping plug available for BTE13 85 and miniBTE 85 . Optional for BTE13 100 .
Thin tubes	Corda miniFit (0.9 mm tube) for miniBTE 85 and BTE13 85 . Corda miniFit Power (1.3 mm tube) for BTE13 100 and BTE13 105 . Thin tubes are available in lengths -1-4. Style specific adapters must be used when connecting thin tubes.
ProWax	Micro mould LiteTip

designRITE	
Receiver unit	Must use miniFIT 80 receiver available in lengths 1-5.
Receiver connector to instruments	Type C3 (marked on packaging).
ProWax miniFit	miniFit receiver 80
ProWax	Micro mould LiteTip
<i>Only available in Alta2 Pro</i>	

RITE & BTE STYLES	
Ear pieces	All miniFit receivers and Corda miniFit tubes must use miniFit ear pieces. LiteTip and micro mould (requires taking an impression).
miniFit domes	
Type	Sizes
Open dome	6, 8, 10 mm
Power dome	6, 8, 10, 12 mm
Bass dome, single vent	6, 8, 10, 12 mm
Bass dome, double vent	6, 8, 10, 12 mm
Grip Tip, no vent	S & L
Grip Tip, large vent	S & L

Features	Oticon Alta2 Pro	Oticon Alta2
Fitting formulas	VAC+, NAL, DSL	VAC+, NAL, DSL
Speech Guard E	Yes	Yes
Soft Speech Booster	Yes	Yes
Spatial Noise Management	Yes	No
Spatial Sound	Premium	No
Binaural Processing (compression)	Yes	No
Binaural Synchronisation (automatics)	Yes	Yes
Binaural Coordination (PB operations)	Yes	Yes
YouMatic	Premium	Premium
Personal Profiles	5	5
Transient Management	Yes	Yes
Fitting Bandwidth*	10 kHz	10 kHz
Inium Sense feedback shield	Yes	Yes
Free Focus	Premium	Premium
Automatics	Tri mode	Tri mode
Back dir	Yes	Yes
Power Bass	Yes	Yes
Music Widening	Yes	Yes
Special Purpose programs (music, lecture etc.)	Yes	Yes
Learning	Yes	Yes
Fitting Bands	10	10
Frequency channels	16	16

* Bandwidth accessible for gain adjustments during fitting

NOTE: designRITE and IIC are only available in Alta2 Pro

Custom 75 (IIC only) Oticon Alta2 Pro

OTICON | **Alta2**

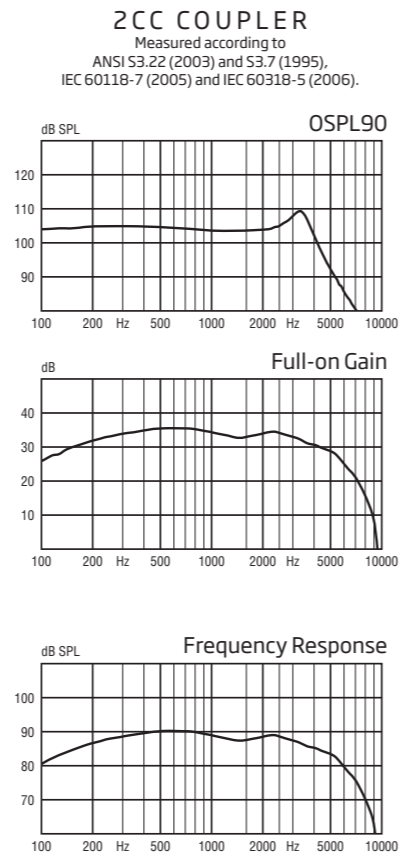
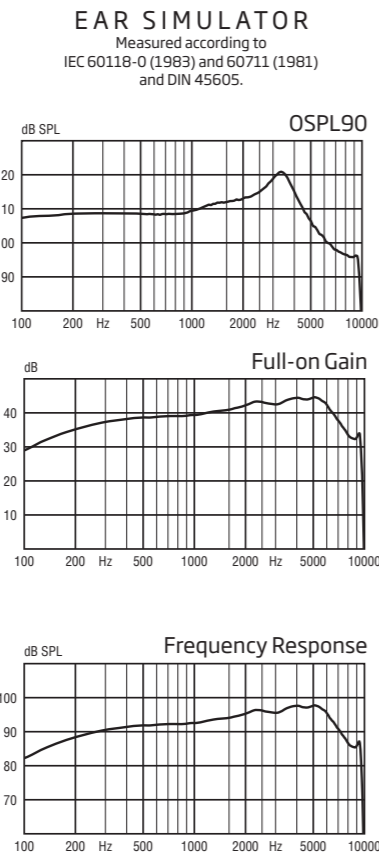
Custom 75 Oticon Alta2 Pro Oticon Alta2

OTICON | **Alta2**



Scale 1:1
IIC Non-wireless.

Technical information
All measurements are made on instruments with ProWax receiver and T-Cap microphone protection.



75			
OSPL90	Peak	121 dB SPL	109 dB SPL
	1600 Hz	112 dB SPL	103 dB SPL
	Average	110 dB SPL	103 dB SPL
Full-on gain	Peak	45 dB	36 dB
	1600 Hz	41 dB	33 dB
	Average	40 dB	34 dB
Reference test gain		-	-
Frequency range		100-9600 Hz	100-8500 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	2.0 %
	800 Hz	<2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level (A)	Omni	21 dB SPL	18 dB SPL
	Dir	-	-
Battery consumption	Quiescent	0.7 mA	0.7 mA
	Typical	0.7 mA	0.7 mA

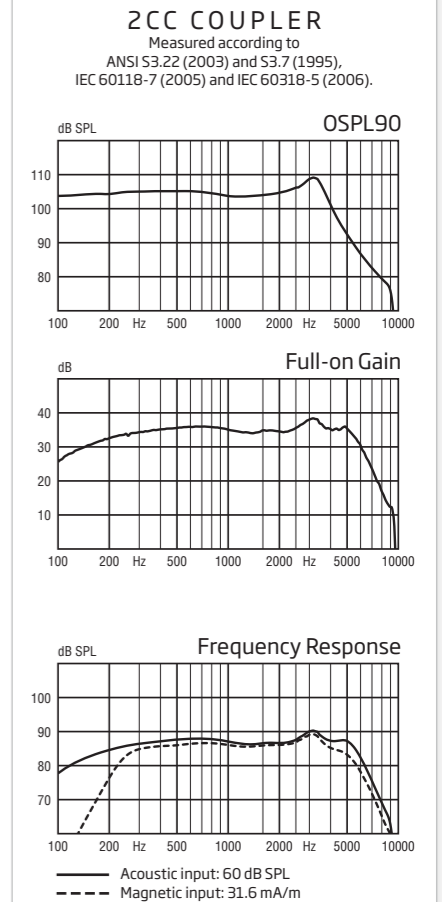
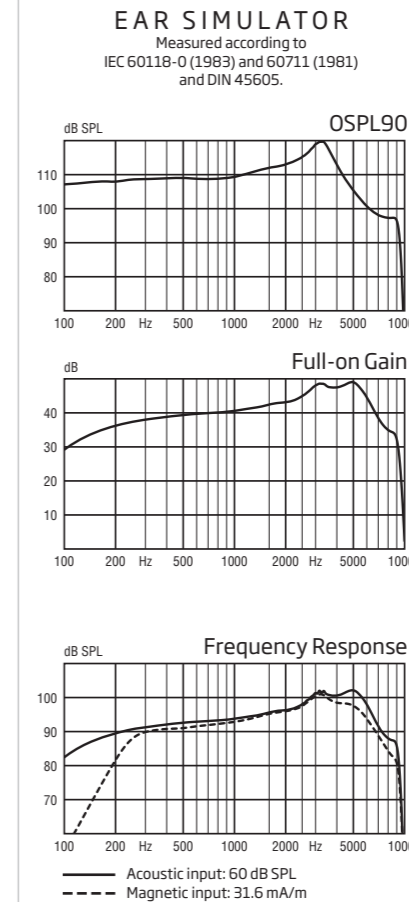
Battery life, calculated, hours* 135
 Size: 10 (IEC PR70)
 IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 16/16/<9 dB SPL

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment
 Note: For custom instruments, the maximum gain is customised for optimal size and performance.



Scale 1:1

Technical information
All measurements are made on instruments with ProWax and T-Cap or O-Cap protection. Omnidirectional mode is used unless otherwise stated.



75			
OSPL90	Peak	119 dB SPL	109 dB SPL
	1600 Hz	112 dB SPL	104 dB SPL
	Average	110 dB SPL	105 dB SPL
Full-on gain	Peak	49 dB	38 dB
	1600 Hz	43 dB	35 dB
	Average	41 dB	35 dB
Reference test gain		36 dB	27 dB
Frequency range		100-9500 Hz	100-8500 Hz
Telecoil output (1600 Hz)	1 mA/m field	73 dB SPL	-
	10 mA/m field	93 dB SPL	-
	SPLITS L/R	-	82/82 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2.0 %	<2 %
	800 Hz	2.0 %	<2 %
	1600 Hz	3.0 %	2.0 %
Equivalent input noise level (A)	Omni	22 dB SPL	20 dB SPL
	Dir	31 dB SPL	29 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.0 mA	1.0 mA

Battery life, calculated, hours* 135/140/260
 Size: 10 (IEC PR70) / 312 (IEC PR41) / 13 (IEC PR48)
 IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 28/44/37 dB SPL
 IRIL (IEC 60118-13-2011) for IIC and CIC 800/1400/2000 MHz: 17/33/26 dB SPL

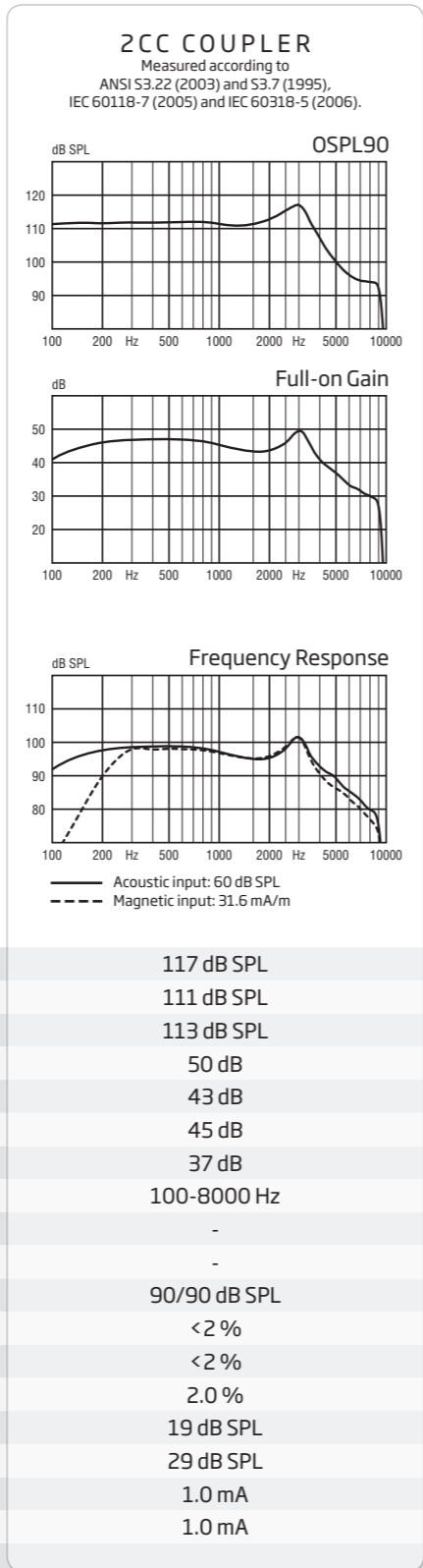
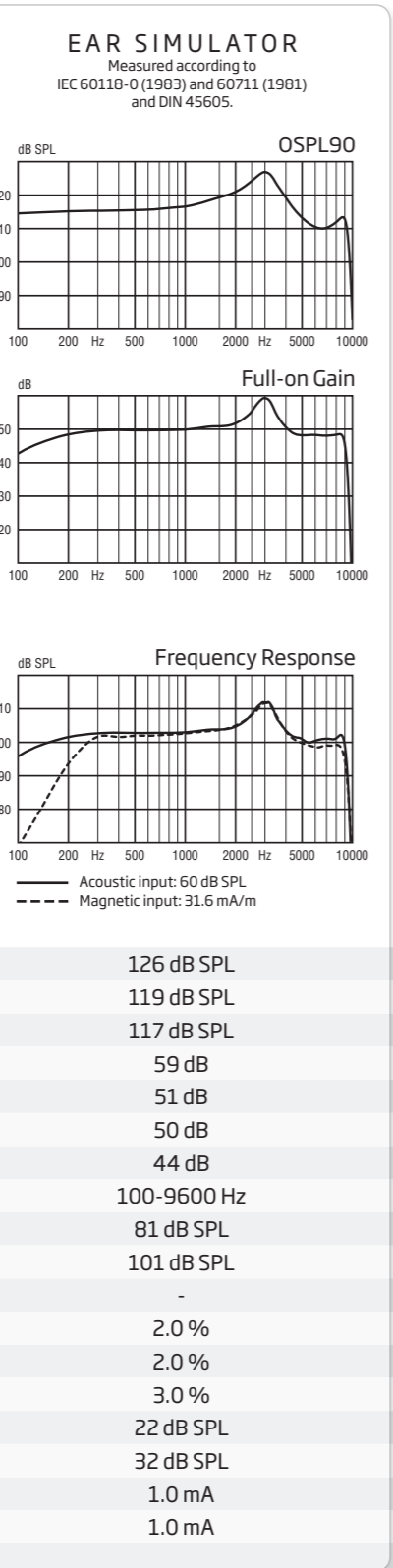
* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment
 Note: For custom instruments, the maximum gain is customised for optimal size and performance.



Scale 1:1

Technical information

All measurements are made on instruments with ProWax and T-Cap or O-Cap protection. Omnidirectional mode is used unless otherwise stated.



85

OSPL90	Peak	126 dB SPL	117 dB SPL
	1600 Hz	119 dB SPL	111 dB SPL
	Average	117 dB SPL	113 dB SPL
Full-on gain	Peak	59 dB	50 dB
	1600 Hz	51 dB	43 dB
	Average	50 dB	45 dB
Reference test gain		44 dB	37 dB
Frequency range		100-9600 Hz	100-8000 Hz
Telecoil output (1600 Hz)	1 mA/m field	81 dB SPL	-
	10 mA/m field	101 dB SPL	-
	SPLITS L / R	-	90/90 dB SPL
Total harmonic distortion	500 Hz	2.0 %	<2 %
(Input 70 dB SPL)	800 Hz	2.0 %	<2 %
	1600 Hz	3.0 %	2.0 %
Equivalent input noise level (A)	Omni	22 dB SPL	19 dB SPL
	Dir	32 dB SPL	29 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.0 mA	1.0 mA

Battery life, calculated, hours* 125/140/260
 Size: 10 (IEC PR70) / 312 (IEC PR41) / 13 (IEC PR48)
 IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 21/39/<14 dB SPL
 IRIL (IEC 60118-13-2011) for IIC and CIC 800/1400/2000 MHz: <20/26/29 dB SPL

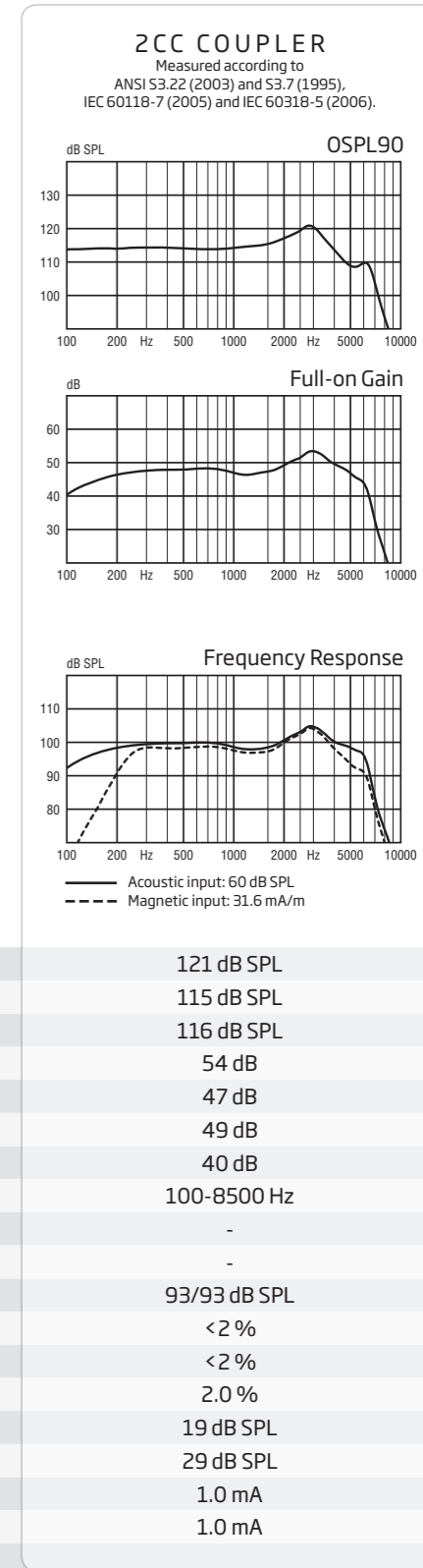
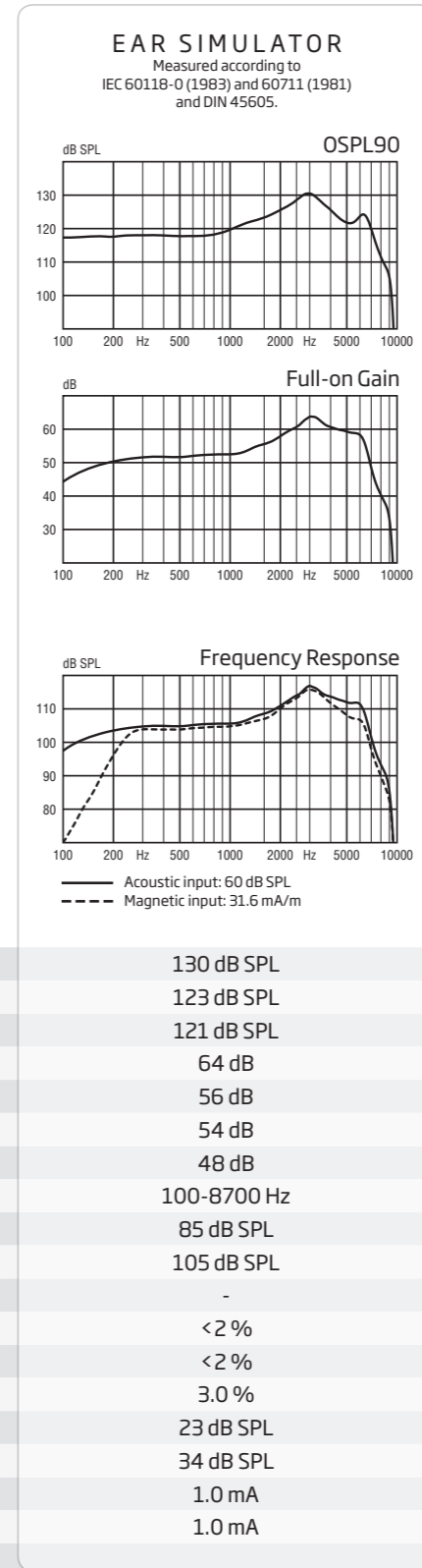
* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment
 Note: For custom instruments, the maximum gain is customised for optimal size and performance.



Scale 1:1

Technical information

All measurements are made on instruments with ProWax and O-Cap protection. Omnidirectional mode is used unless otherwise stated.



90

OSPL90	Peak	130 dB SPL	121 dB SPL
	1600 Hz	123 dB SPL	115 dB SPL
	Average	121 dB SPL	116 dB SPL
Full-on gain	Peak	64 dB	54 dB
	1600 Hz	56 dB	47 dB
	Average	54 dB	49 dB
Reference test gain		48 dB	40 dB
Frequency range		100-8700 Hz	100-8500 Hz
Telecoil output (1600 Hz)	1 mA/m field	85 dB SPL	-
	10 mA/m field	105 dB SPL	-
	SPLITS L/R	-	93/93 dB SPL
Total harmonic distortion	500 Hz	<2 %	<2 %
(Input 70 dB SPL)	800 Hz	<2 %	<2 %
	1600 Hz	3.0 %	2.0 %
Equivalent input noise level (A)	Omni	23 dB SPL	19 dB SPL
	Dir	34 dB SPL	29 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.0 mA	1.0 mA

Battery life, calculated, hours* 140/260
 Size: 312 (IEC PR41) / 13 (IEC PR48)
 IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 26/55/41 dB SPL

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment
 Note: For custom instruments, the maximum gain is customised for optimal size and performance.



Scale 1:1

Technical information

All measurements are made on instruments with ProWax and O-Cap protection. Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser

The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.

100

OSPL90	Peak	135 dB SPL	127 dB SPL
	1600 Hz	135 dB SPL	127 dB SPL
	Average	130 dB SPL	123 dB SPL
Full-on gain	Peak	71 dB	62 dB
	1600 Hz	67 dB	59 dB
	Average	65 dB	58 dB
Reference test gain		60 dB	48 dB
Frequency range		100-8175 Hz	100-8000 Hz
Telecoil output (1600 Hz)	1 mA/m field	95 dB SPL	-
	10 mA/m field	115 dB SPL	-
	SPLITS L / R	-	105/105 dB SPL
Total harmonic distortion	500 Hz	<2 %	<2 %
(Input 70 dB SPL)	800 Hz	<2 %	<2 %
	1600 Hz	2.0 %	<2 %
Equivalent input noise level (A)	Omni	17 dB SPL	15 dB SPL
	Dir	27 dB SPL	26 dB SPL
Battery consumption	Quiescent	0.9 mA	0.9 mA
	Typical	0.9 mA	0.9 mA

Battery life, calculated, hours*

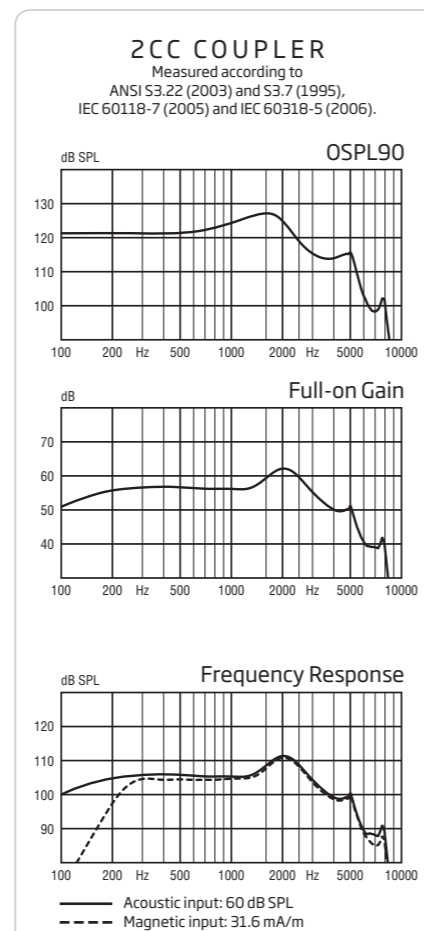
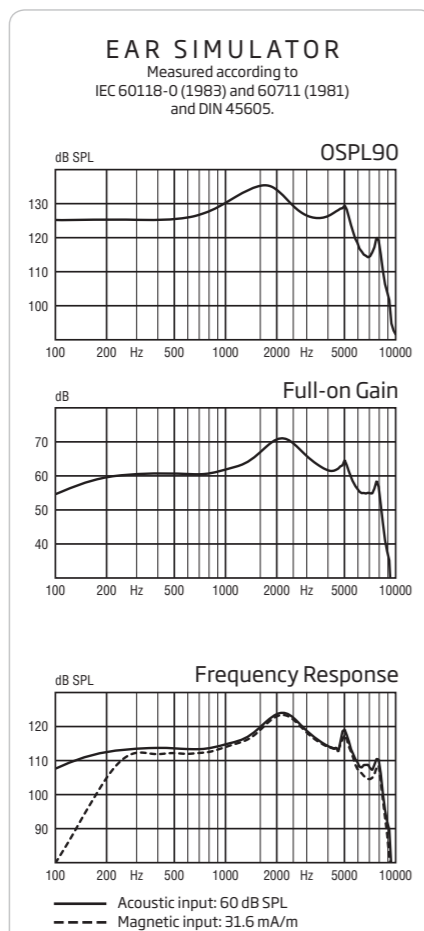
155/290

Size: 312 (IEC PR41) / 13 (IEC PR48)

IRIL (IEC 60118-13-2011)

800/1400/2000 MHz: 15/45/28 dB SPL

* Based on the standardised battery consumption measurement (IEC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment
Note: For custom instruments, the maximum gain is customised for optimal size and performance.



Scale 1:1

Technical information

Omnidirectional mode is used unless otherwise stated.

80

OSPL90	Peak	127 dB SPL	117 dB SPL
	1600 Hz	120 dB SPL	112 dB SPL
	Average	117 dB SPL	111 dB SPL
Full-on gain	Peak	62 dB	53 dB
	1600 Hz	53 dB	44 dB
	Average	50 dB	47 dB
Reference test gain		45 dB	34 dB
Frequency range		100-9300 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion	500 Hz	<2 %	<2 %
(Input 70 dB SPL)	800 Hz	<2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level (A)	Omni	21 dB SPL	17 dB SPL
	Dir	33 dB SPL	30 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.3 mA	1.3 mA

Battery life, calculated, hours*

90

Size: 10 (IEC PR70)

IRIL (IEC 60118-13-2011)

800/1400/2000 MHz: <17 dB SPL

* Based on the standardised battery consumption measurement (IEC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

miniRITE 60
Oticon Alta2 Pro
Oticon Alta2

OTICON | Alta2

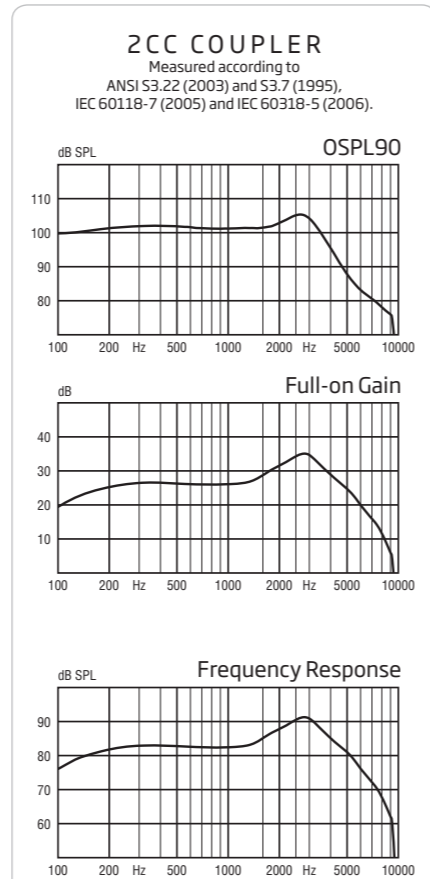
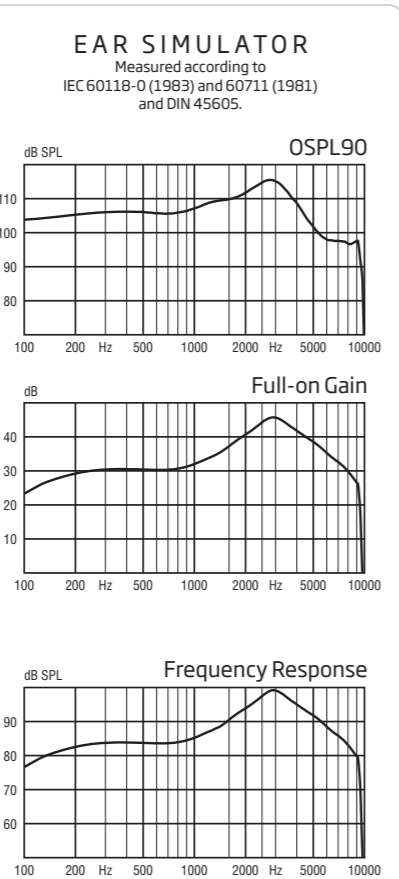
miniRITE 85
Oticon Alta2 Pro
Oticon Alta2

OTICON | Alta2



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.



60	OSPL90	Peak	115 dB SPL	105 dB SPL
		1600 Hz	110 dB SPL	101 dB SPL
		Average	108 dB SPL	103 dB SPL
Full-on gain	Peak	46 dB	35 dB	
	1600 Hz	37 dB	29 dB	
	Average	34 dB	30 dB	
Reference test gain		30 dB	26 dB	
Frequency range		100-9500 Hz	100-8300 Hz	
Telecoil output (1600 Hz)	1 mA/m field	-	-	
	10 mA/m field	-	-	
	SPLITS L/R	-	-	
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %	
	800 Hz	<2 %	<2 %	
	1600 Hz	<2 %	<2 %	
Equivalent input noise level (A)	Omni	21 dB SPL	16 dB SPL	
	Dir	29 dB SPL	24 dB SPL	
Battery consumption	Quiescent	1.0 mA	1.0 mA	
	Typical	1.1 mA	1.3 mA	

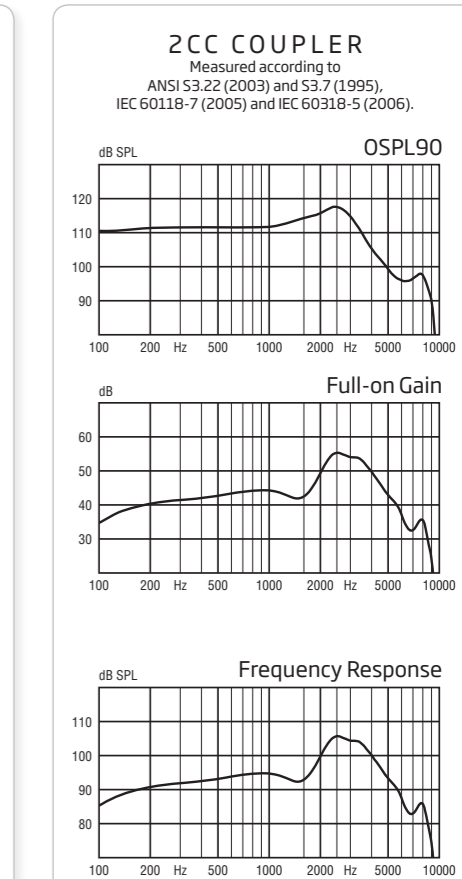
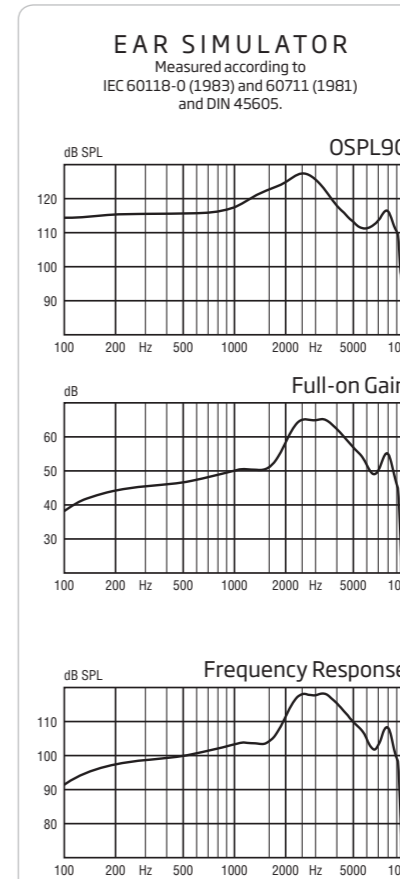
Battery life, calculated, hours* **130**
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011) **800/1400/2000 MHz: 43/26/18 dB SPL**

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.



85	OSPL90	Peak	127 dB SPL	118 dB SPL
		1600 Hz	123 dB SPL	114 dB SPL
		Average	119 dB SPL	114 dB SPL
Full-on gain	Peak	65 dB	55 dB	
	1600 Hz	51 dB	43 dB	
	Average	52 dB	47 dB	
Reference test gain		44 dB	38 dB	
Frequency range		100-9500 Hz	100-8700 Hz	
Telecoil output (1600 Hz)	1 mA/m field	-	-	
	10 mA/m field	-	-	
	SPLITS L/R	-	-	
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %	
	800 Hz	2.4 %	<2 %	
	1600 Hz	<2 %	<2 %	
Equivalent input noise level (A)	Omni	25 dB SPL	18 dB SPL	
	Dir	33 dB SPL	25 dB SPL	
Battery consumption	Quiescent	1.0 mA	1.0 mA	
	Typical	1.1 mA	1.2 mA	

Battery life, calculated, hours* **130**
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011) **800/1400/2000 MHz: 45/30/25 dB SPL**

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

miniRITE 100
Oticon Alta2 Pro
Oticon Alta2

OTICON | Alta2

miniRITE 105
Oticon Alta2 Pro
Oticon Alta2

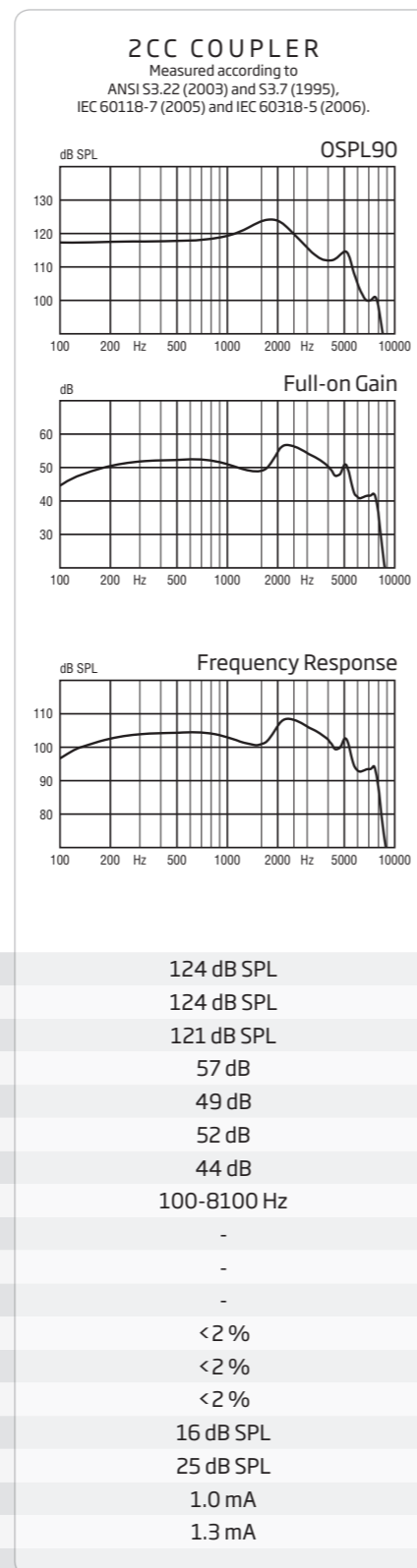
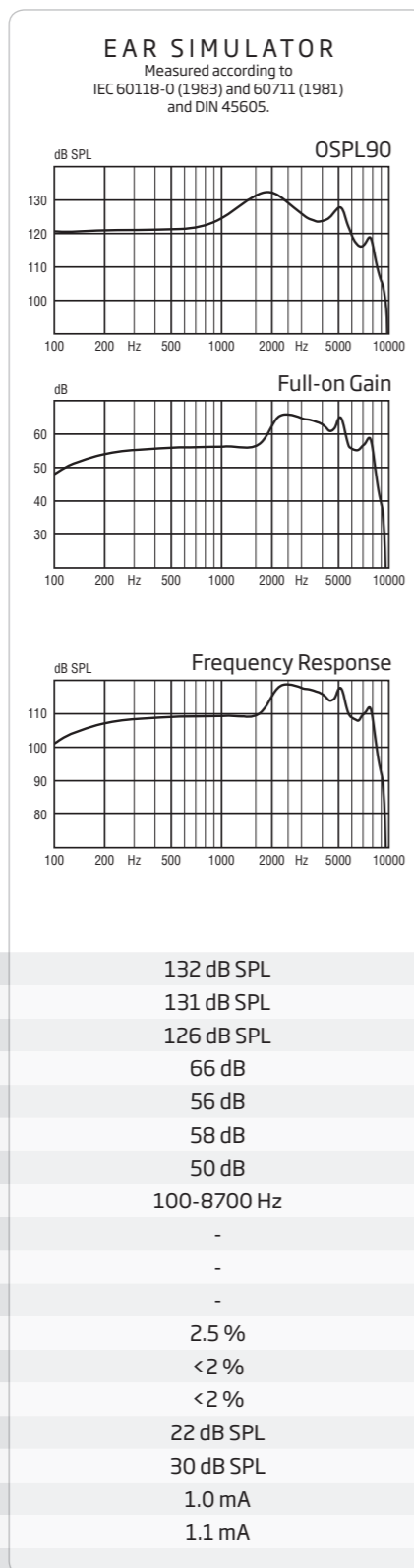
OTICON | Alta2



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.



100			
OSPL90	Peak	132 dB SPL	124 dB SPL
	1600 Hz	131 dB SPL	124 dB SPL
	Average	126 dB SPL	121 dB SPL
Full-on gain	Peak	66 dB	57 dB
	1600 Hz	56 dB	49 dB
	Average	58 dB	52 dB
Reference test gain		50 dB	44 dB
Frequency range		100-8700 Hz	100-8100 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2.5 %	<2 %
	800 Hz	<2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level (A)	Omni	22 dB SPL	16 dB SPL
	Dir	30 dB SPL	25 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.1 mA	1.3 mA

Battery life, calculated, hours* 130
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 46/28/23 dB SPL

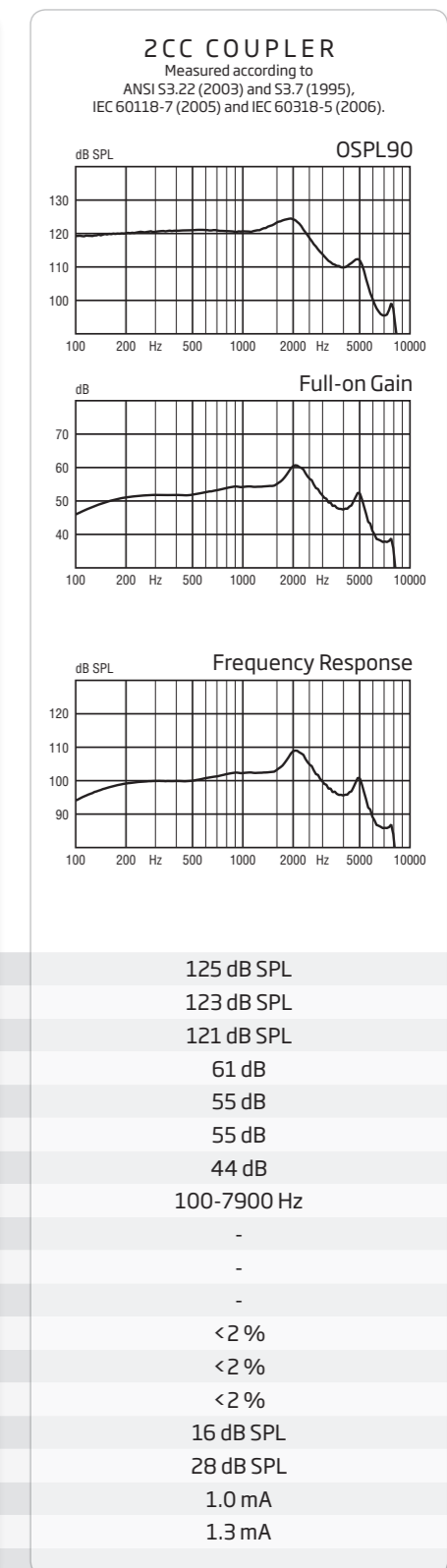
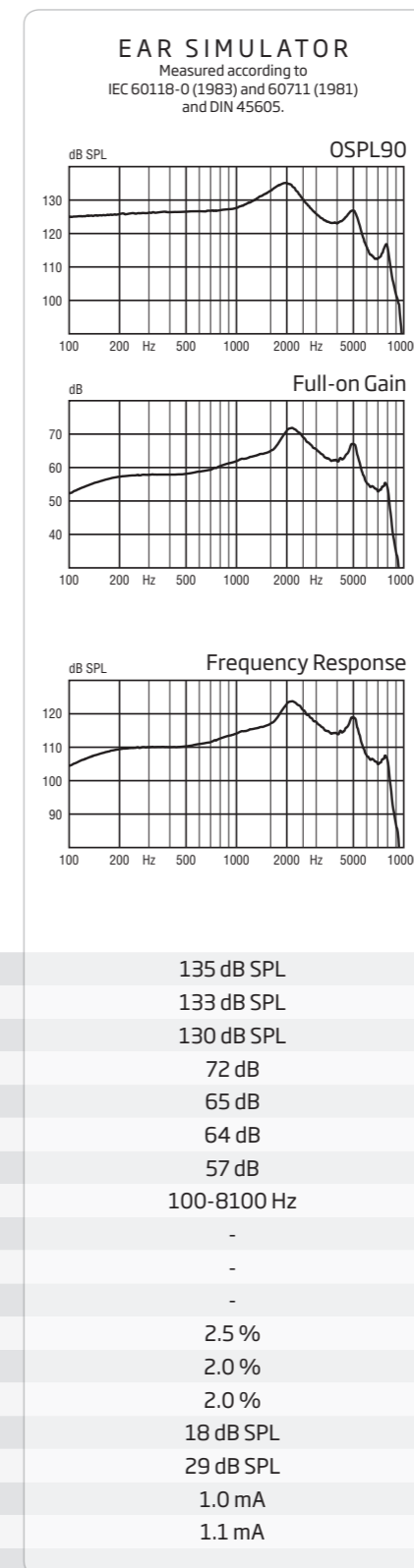
* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.



105			
OSPL90	Peak	135 dB SPL	125 dB SPL
	1600 Hz	133 dB SPL	123 dB SPL
	Average	130 dB SPL	121 dB SPL
Full-on gain	Peak	72 dB	61 dB
	1600 Hz	65 dB	55 dB
	Average	64 dB	55 dB
Reference test gain		57 dB	44 dB
Frequency range		100-8100 Hz	100-7900 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2.5 %	<2 %
	800 Hz	2.0 %	<2 %
	1600 Hz	2.0 %	<2 %
Equivalent input noise level (A)	Omni	18 dB SPL	16 dB SPL
	Dir	29 dB SPL	28 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.1 mA	1.3 mA

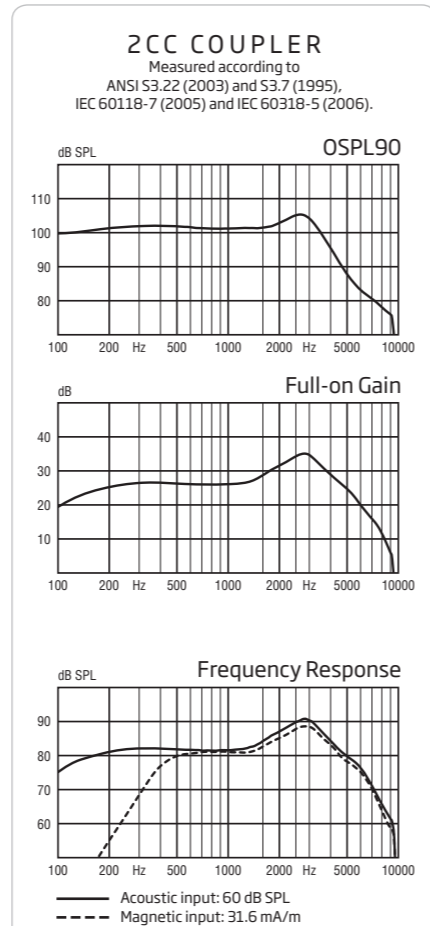
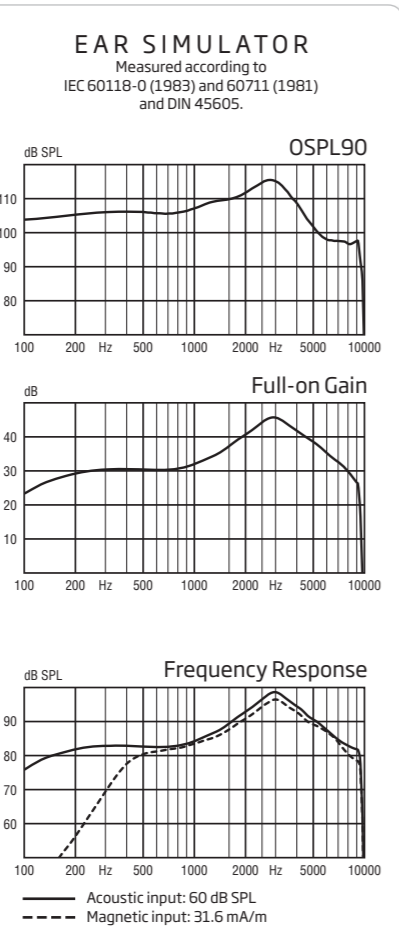
Battery life, calculated, hours* 130
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 39/28/24 dB SPL

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.



60	OSPL90	Peak	115 dB SPL	105 dB SPL
		1600 Hz	110 dB SPL	101 dB SPL
		Average	108 dB SPL	103 dB SPL
	Full-on gain	Peak	46 dB	35 dB
		1600 Hz	37 dB	29 dB
		Average	34 dB	30 dB
	Reference test gain		30 dB	26 dB
	Frequency range		100-9500 Hz	100-8300 Hz
	Telecoil output (1600 Hz)	1 mA/m field	65 dB SPL	-
		10 mA/m field	85 dB SPL	-
		SPLITS L/R	-	82/82 dB SPL
	Total harmonic distortion	500 Hz	<2 %	<2 %
	(Input 70 dB SPL)	800 Hz	<2 %	<2 %
		1600 Hz	<2 %	<2 %
	Equivalent input noise level (A)	Omni	21 dB SPL	16 dB SPL
		Dir	29 dB SPL	24 dB SPL
	Battery consumption	Quiescent	1.0 mA	1.0 mA
		Typical	1.1 mA	1.3 mA

Battery life, calculated, hours*
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011)

130

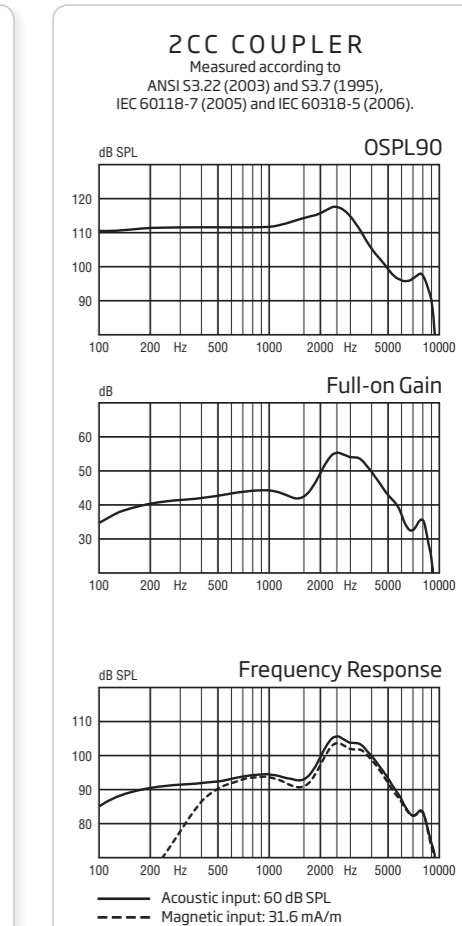
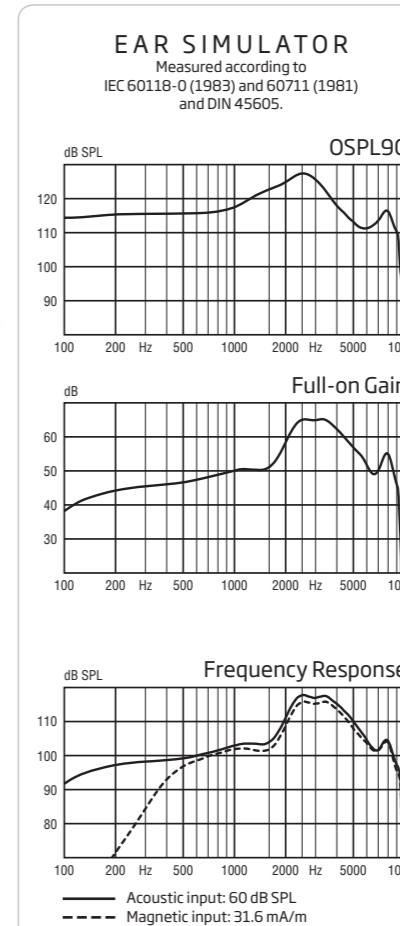
800/1400/2000 MHz: 27/46/51 dB SPL

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.



85	OSPL90	Peak	127 dB SPL	118 dB SPL
		1600 Hz	123 dB SPL	114 dB SPL
		Average	119 dB SPL	114 dB SPL
	Full-on gain	Peak	65 dB	55 dB
		1600 Hz	51 dB	43 dB
		Average	52 dB	47 dB
	Reference test gain		44 dB	38 dB
	Frequency range		100-9500 Hz	100-8700 Hz
	Telecoil output (1600 Hz)	1 mA/m field	79 dB SPL	-
		10 mA/m field	99 dB SPL	-
		SPLITS L/R	-	95/95 dB SPL
	Total harmonic distortion	500 Hz	<2 %	<2 %
	(Input 70 dB SPL)	800 Hz	2.4 %	<2 %
		1600 Hz	<2 %	<2 %
	Equivalent input noise level (A)	Omni	25 dB SPL	18 dB SPL
		Dir	33 dB SPL	25 dB SPL
	Battery consumption	Quiescent	1.0 mA	1.0 mA
		Typical	1.1 mA	1.2 mA

Battery life, calculated, hours*
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011)

130

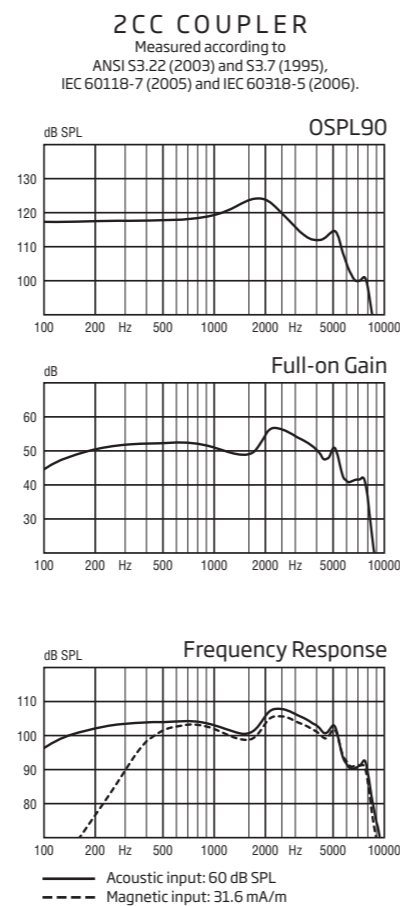
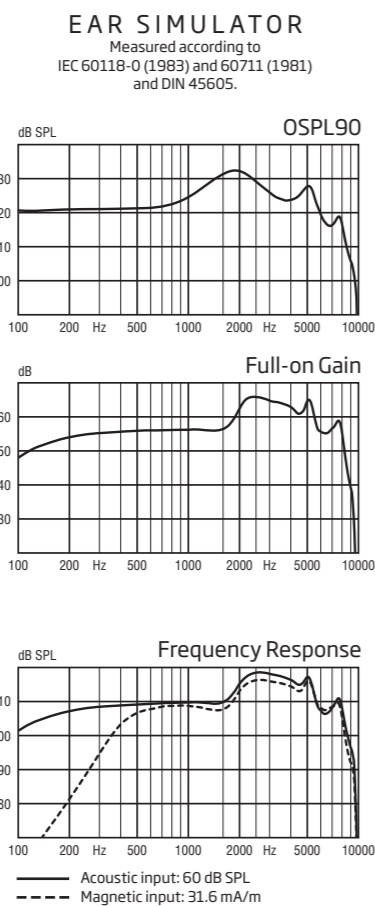
800/1400/2000 MHz: 19/41/36 dB SPL

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Technical information
Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.



100			
OSPL90	Peak	132 dB SPL	124 dB SPL
	1600 Hz	131 dB SPL	124 dB SPL
	Average	126 dB SPL	121 dB SPL
Full-on gain	Peak	66 dB	57 dB
	1600 Hz	56 dB	49 dB
	Average	58 dB	52 dB
Reference test gain		50 dB	44 dB
Frequency range		100-8700 Hz	100-8100 Hz
Telecoil output (1600 Hz)	1 mA/m field	85 dB SPL	-
	10 mA/m field	105 dB SPL	-
	SPLITS L/R	-	101/101 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2.5 %	<2 %
	800 Hz	<2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level (A)	Omni	22 dB SPL	16 dB SPL
	Dir	30 dB SPL	25 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.1 mA	1.3 mA

Battery life, calculated, hours*
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011)

130

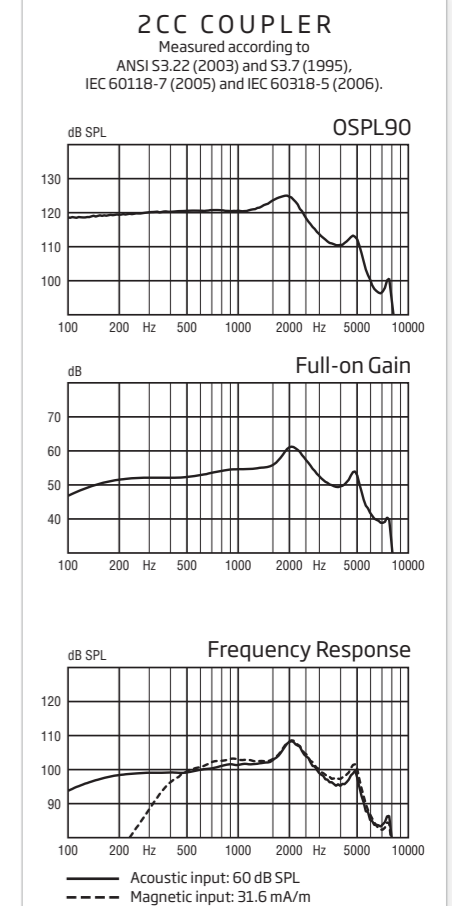
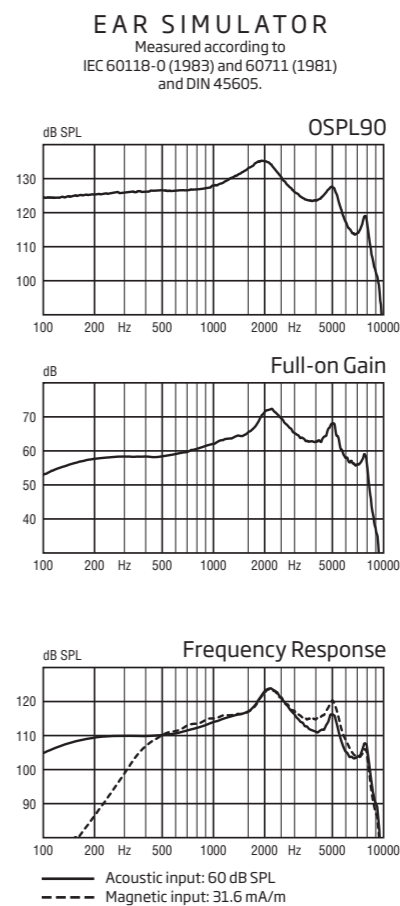
800/1400/2000 MHz: <17/49/39 dB SPL

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Technical information
Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.



105			
OSPL90	Peak	135 dB SPL	125 dB SPL
	1600 Hz	133 dB SPL	124 dB SPL
	Average	130 dB SPL	121 dB SPL
Full-on gain	Peak	72 dB	61 dB
	1600 Hz	65 dB	56 dB
	Average	64 dB	56 dB
Reference test gain		58 dB	44 dB
Frequency range		100-8100 Hz	100-7800 Hz
Telecoil output (1600 Hz)	1 mA/m field	94 dB SPL	-
	10 mA/m field	114 dB SPL	-
	SPLITS L/R	-	109/109 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2.5 %	<2 %
	800 Hz	2.0 %	<2 %
	1600 Hz	2.0 %	<2 %
Equivalent input noise level (A)	Omni	18 dB SPL	16 dB SPL
	Dir	29 dB SPL	28 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.1 mA	1.3 mA

Battery life, calculated, hours*
Size 312 (IEC PR41)
IRIL (IEC 60118-13-2011)

130

800/1400/2000 MHz: 33/51/51 dB SPL

* Based on the standardised battery consumption measurement (IIC 60118-0.) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

miniBTE 85
Oticon Alta2 Pro
Oticon Alta2

OTICON | Alta2

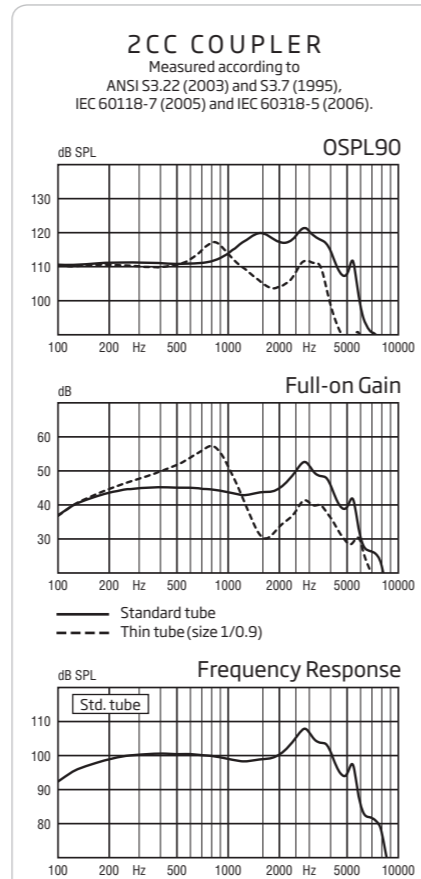
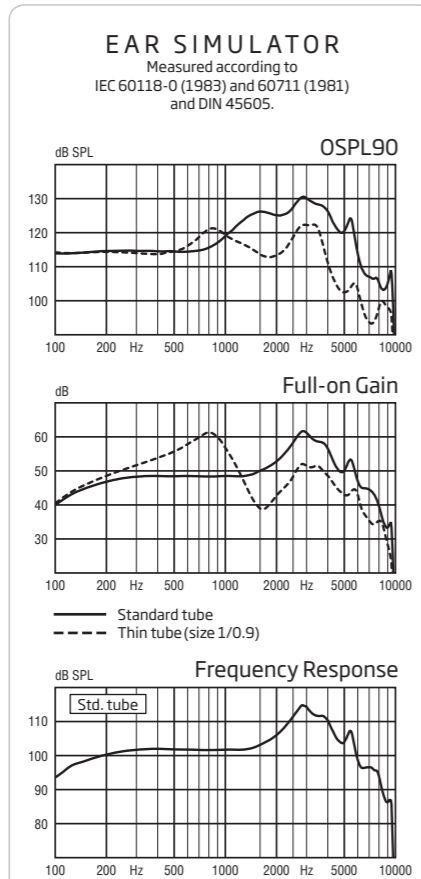
BTE13 85
Oticon Alta2 Pro
Oticon Alta2

OTICON | Alta2



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.



85

OSPL90	Peak	131 (122*) dB SPL	121 (117*) dB SPL
	1600 Hz	126 (114*) dB SPL	120 (105*) dB SPL
	Average	119 (116*) dB SPL	118 (109*) dB SPL
Full-on gain	Peak	62 (61*) dB	53 (57*) dB
	1600 Hz	50 (39*) dB	44 (30*) dB
	Average	50 (52*) dB	46 (40*) dB
Reference test gain		43 dB	41 dB
Frequency range		100-8500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion	500 Hz	<2 %	<2 %
(Input 70 dB SPL)	800 Hz	<2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level (A)	Omni	22 dB SPL	17 dB SPL
	Dir	29 dB SPL	25 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.1 mA	1.2 mA

Battery life, calculated, hours**

130

Size 312 (IEC PR41)

IRIL (IEC 60118-13-2011)

800/1400/2000 MHz: <18/24/36 dB SPL

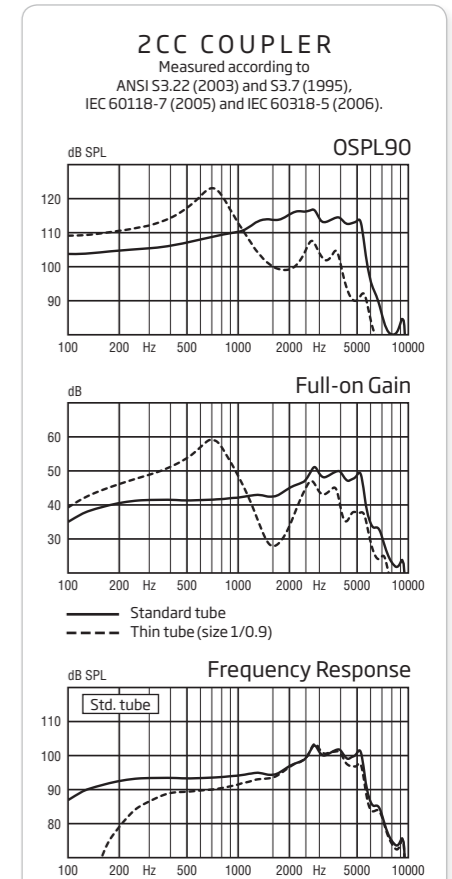
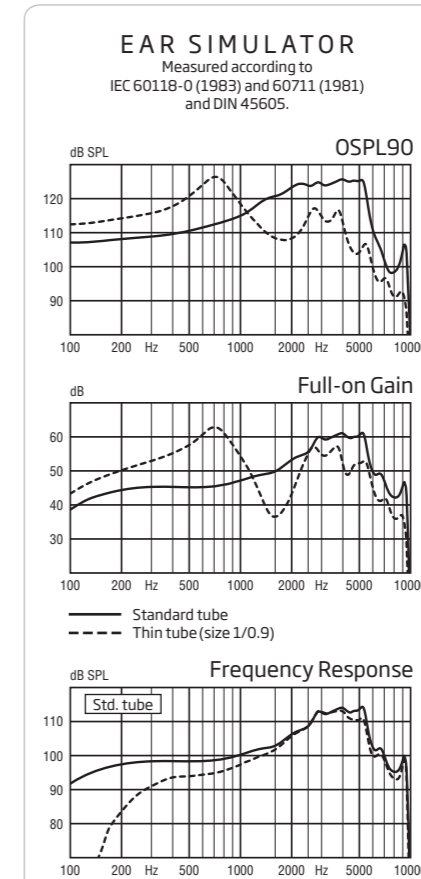
* For instruments fitted with Corda miniFit

** Based on the standardised battery consumption measurement (IEC 60118-0). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Scale 1:1

Technical information
Omnidirectional mode is used unless otherwise stated.



85

OSPL90	Peak	126 (126*) dB SPL	117 (123*) dB SPL
	1600 Hz	121 (108*) dB SPL	114 (100*) dB SPL
	Average	116 (116*) dB SPL	113 (106*) dB SPL
Full-on gain	Peak	61 (63*) dB	51 (59*) dB
	1600 Hz	50 (36*) dB	43 (28*) dB
	Average	49 (52*) dB	44 (41*) dB
Reference test gain		43 dB	36 dB
Frequency range		100-9500 Hz	100-7700 Hz
Telecoil output (1600 Hz)	1 mA/m field	79 dB SPL	-
	10 mA/m field	99 dB SPL	-
	SPLITS L/R	-	94/94 dB SPL
Total harmonic distortion	500 Hz	<2 %	<2 %
(Input 70 dB SPL)	800 Hz	<2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level (A)	Omni	23 dB SPL	18 dB SPL
	Dir	32 dB SPL	27 dB SPL
Battery consumption	Quiescent	1.1 mA	1.1 mA
	Typical	1.1 mA	1.1 mA

Battery life, calculated, hours**

240

Size 13 (IEC PR48)

IRIL (IEC 60118-13-2011)

800/1400/2000 MHz: 24/48/45 dB SPL

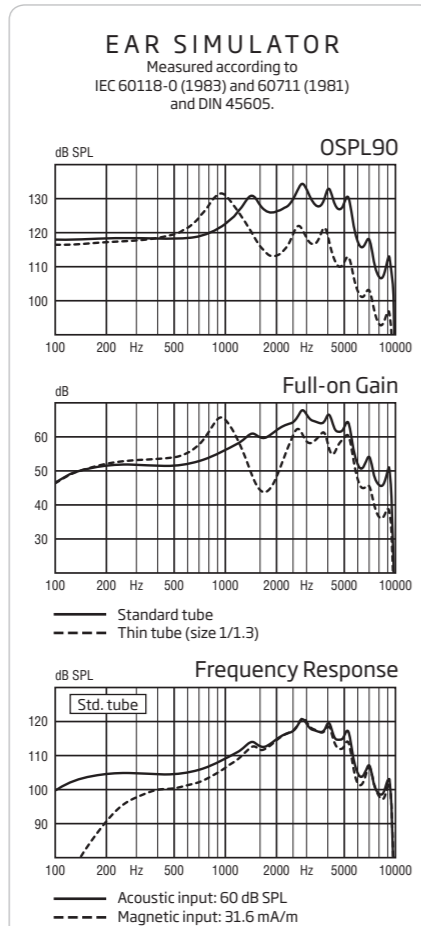
* For instruments fitted with Corda miniFit

** Based on the standardised battery consumption measurement (IEC 60118-0). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Technical information
Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.



100		240	
OSPL90	Peak	135 (132*) dB SPL	126 (128*) dB SPL
	1600 Hz	128 (116*) dB SPL	120 (108*) dB SPL
	Average	122 (121*) dB SPL	120 (115*) dB SPL
Full-on gain	Peak	68 (66*) dB	60 (62*) dB
	1600 Hz	60 (44*) dB	52 (36*) dB
	Average	57 (56*) dB	53 (49*) dB
Reference test gain		53 dB	43 dB
Frequency range		100-9500 Hz	100-7400 Hz
Telecoil output (1600 Hz)	1 mA/m field	89 dB SPL	-
	10 mA/m field	109 dB SPL	-
	SPLITS L/R	-	100/100 dB SPL
Total harmonic distortion	500 Hz	< 2 %	< 2 %
(Input 70 dB SPL)	800 Hz	< 2 %	< 2 %
	1600 Hz	< 2 %	< 2 %
Equivalent input noise level (A)	Omni	19 dB SPL	16 dB SPL
	Dir	29 dB SPL	26 dB SPL
Battery consumption	Quiescent	1.1 mA	1.1 mA
	Typical	1.1 mA	1.1 mA

Battery life, calculated, hours**
Size 13 (IEC PR48)

IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 24/48/45 dB SPL

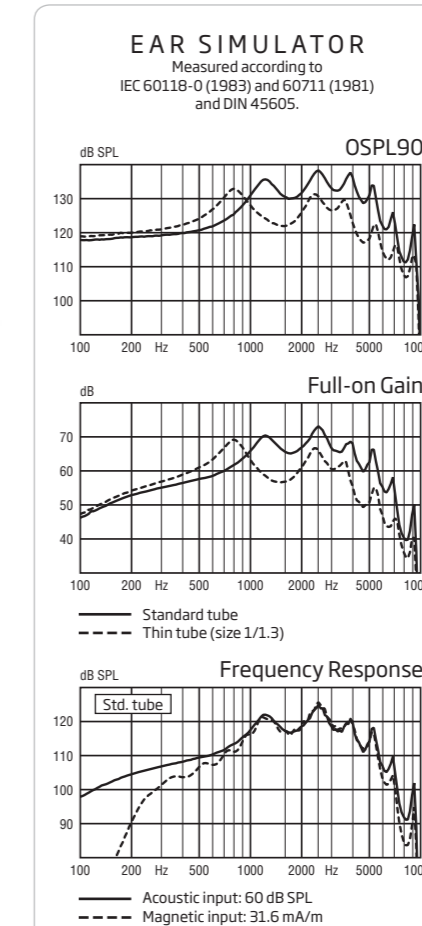
* For instruments fitted with Corda miniFit Power

** Based on the standardised battery consumption measurement (IEC 60118-0). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment



Technical information
Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.



105		270	
OSPL90	Peak	138 (133*) dB SPL	133 (131*) dB SPL
	1600 Hz	131 (122*) dB SPL	124 (114*) dB SPL
	Average	128 (126*) dB SPL	128 (120*) dB SPL
Full-on gain	Peak	73 (69*) dB	67 (67*) dB
	1600 Hz	66 (57*) dB	59 (49*) dB
	Average	63 (62*) dB	63 (55*) dB
Reference test gain		57 dB	52 dB
Frequency range		100-7200 Hz	100-5700 Hz
Telecoil output (1600 Hz)	1 mA/m field	96 dB SPL	-
	10 mA/m field	117 dB SPL	-
	SPLITS L/R	-	105/105 dB SPL
Total harmonic distortion	500 Hz	5 %	2 %
(Input 70 dB SPL)	800 Hz	3 %	< 2 %
	1600 Hz	< 2 %	< 2 %
Equivalent input noise level (A)	Omni	17 dB SPL	14 dB SPL
	Dir	30 dB SPL	28 dB SPL
Battery consumption	Quiescent	1.0 mA	1.0 mA
	Typical	1.1 mA	1.3 mA

Battery life, calculated, hours**
Size 13 (IEC PR48)

IRIL (IEC 60118-13-2011) 800/1400/2000 MHz: 36/<16/<16 dB SPL

* For instruments fitted with Corda miniFit Power

** Based on the standardised battery consumption measurement (IEC 60118-0). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

