Ponto 4
Product Information

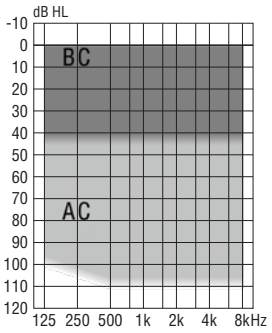
Scale 1:1

Features	Ponto 4
Fitting formulas	NAL BC
OpenSound Navigator™	✓
Speech Guard™ LX	✓
Clear Dynamics	✓
Fitting Bandwidth*	10 kHz
Processing channels	64
Transient Noise Management	4 configurations
Wind Noise Management	✓
Feedback shield LX	✓
Fitting Bands	16
Multiple Directionality Options	✓
Adjustable Noise Removal	Max. 9 dB
Power Bass	✓
Stereo Streaming (2.4 GHz)	✓
Firmware Updater	✓
Battery life, typical, hours**	48–70
LED	✓
Tamper resistant battery drawer	✓
Optional	
Oticon ON App	✓
Remote Control 3.0	✓
ConnectClip	✓
TV Adapter 3.0	✓
EduMic	✓

**Bandwidth accessible for gain adjustments during fitting*

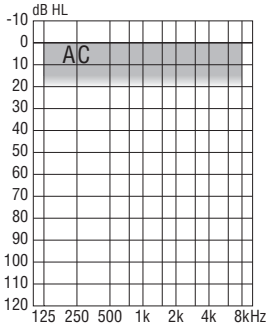
***Battery size 312 – IEC PR41*

Fitting ranges for conductive/ mixed hearing loss



BC hearing losses up to and including average 45 dB HL[2]

Fitting Range for single-sided deafness



AC thresholds up to and including average 20 dB HL[2]

[2]Average of 0.5, 1, 2 and 3 kHz

Ponto 4 is as discreet as it is high performing. Uniquely, it has a small LED for visual indication of programmes and modes. The Ponto standards of reliability and durability, for which we are renowned, is continued with Ponto 4.

OpenSound Navigator™ provides an open soundscape for a balanced and noise-optimised listening experience.

Ponto 4 is built on the new Velox S™ platform, providing extreme frequency resolution (64 channels), precision (24 bit DSP) and speed (more than 100 updates/second).

Ponto 4 is the first internet-connected[1] bone anchored device. It uses 2.4 GHz wireless to connect to compatible iPhones, smartphones and a range of wireless connectivity products.

[1]Using the Oticon ON App and IFTTT network

Velox S™

IP57

Optional accessories are available for purchase and may not be part of the Bone Anchored Hearing System package.

Made for iPhone | iPad | iPod

For information on compatibility, please visit www.oticonmedical.com/wireless-compatibility.

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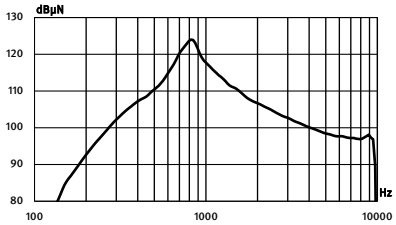
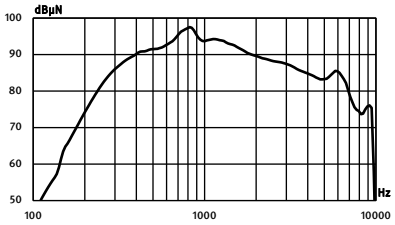
On Head

Maximum output force level



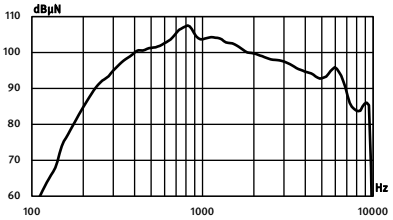
OFL at 90 dB SPL input at maximum gain*

Output for Full-on gain



OFL at 50 dB SPL input at maximum gain*

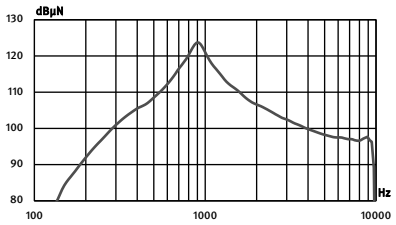
Output for Full-on gain



OFL at 60 dB SPL input at maximum gain*

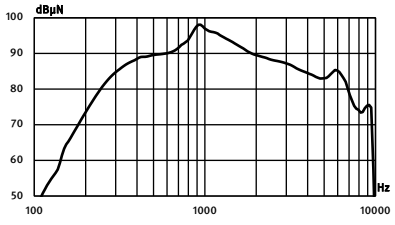
On Skull Simulator

Maximum output force level



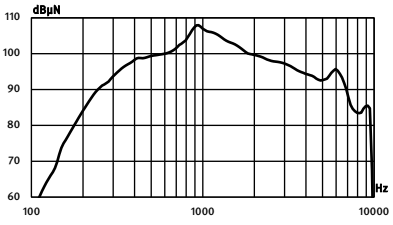
OFL at 90 dB SPL input at maximum gain

Output for Full-on gain



OFL at 50 dB SPL input at maximum gain

Output for Full-on gain



OFL at 60 dB SPL input at maximum gain

Technical data (Measured according to IEC 60118-9)	
Frequency range (DIN 45.605)	200-9500 Hz
Peak OFL at 90 dB SPL input (skull sim.)	124 dB rel. 1 µN
Peak OFL at 60 dB SPL input (skull sim.)	108 dB rel. 1 µN
Peak OFL at 50 dB SPL input (skull sim.)	98 dB rel. 1 µN
Equivalent input noise level	‹26 dB SPL
Processing delay	8 ms
Battery size	312
Battery consumption**, in silence	1.40 mA
Battery consumption**, typical	1.50 mA
Battery voltage	1.1-1.5V
Weight, without battery	13.2 g
Physical dimensions (L*W*H)	26 x 19 x 11 mm
IRIL (IEC 60118-13:2011) User compatibility	700/1400/2000 MHz: 35/25/20 dB SPL
Total harmonic distortion (typical)	
70 dB SPL input at 500 Hz	15%
70 dB SPL input at 800 Hz	0.5%
65 dB SPL input at 1600 Hz	0.1%
60 dB SPL input at 3200 Hz	0.1%

Operating conditions

- Temperature: +1°C to +40°C
- Relative humidity: 5% to 93%, non-condensing

Storage and transportation conditions

- Temperature and humidity should not exceed the following limits for extended periods during transportation and storage.
- Temperature: -25°C to +55°C
- Relative humidity: 5% to 93%, non-condensing

** Curve compensation made for resonance on head.*

*** Battery current is measured according to IEC 60118-9 after a settling time of a minimum of 3 minutes.*

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