



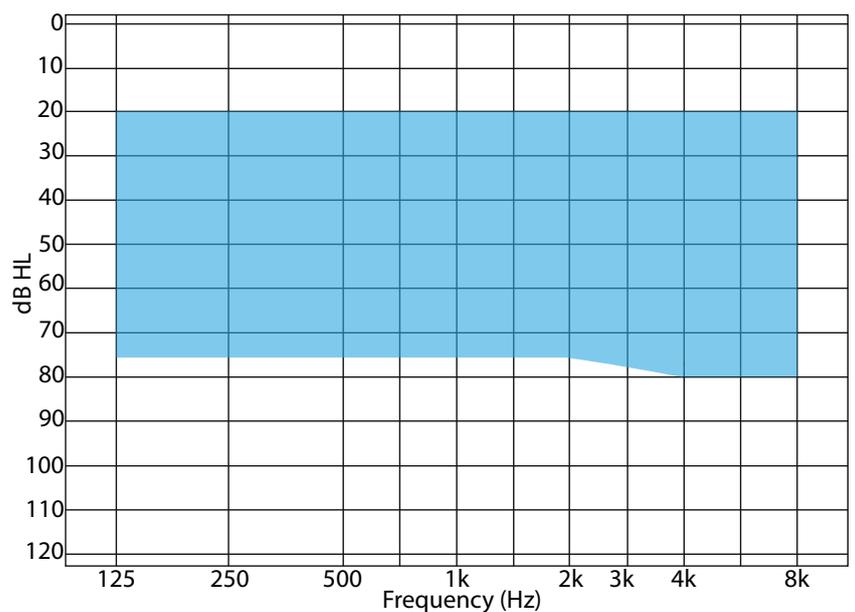
DESCRIPTION AND INTENDED USE

APP PRO: APP, tiny RIC-style hearing aid, battery 10, programmable via software. Indicated to compensate for hearing loss from mild to severe. Six (6) channels WDRC hearing aid, 12 adjusting bands (equalizers), 4 memories, feedback notch filter, low and high cut filters, output limiting. Moreover, Adaptive feedback cancelling and Noise reduction and Adaptive directional microphone processing available.

FEATURES

- 6-Channel Wide Dynamic Range Compression (WDRC) with Dynamic Contrast Detection™
- Patented Adaptive Feedback Cancelling
- Layered Noise Reduction™
- Two Compression Adjustment Paradigms
- Adaptive Directional Microphone Processing
- Program Selector
- Battery Type: 10

FITTING RANGE



WARNING!
 This hearing aid can generate sound output levels in excess of 132 dB_{SPL} (IEC 60318-4 Coupler).
 The hearing care specialist should be specially careful fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.

 FDA Approved
 1370

Technical data <i>Measured according to</i>		EAR SIMULATOR <i>IEC 60118-0:2015 and IEC 60318-5:2006</i>	2CC Coupler <i>ANSI S3.22-2014, IEC60118-7:2005 and IEC 60318-5:2006</i>
Horentek App		PRO	PRO
Frequency range Hz		200/6300 Hz	200/6300 Hz
OSPL90	peak measurement	-	-
	Peak 2400 Hz	129 dB	123 dB
	HFA AVERAGE	114 dB	109 dB
Full-on gain 50*	Peak Measurement	-	-
	Peak 2400 Hz	51 dB	46 dB
	HFA AVERAGE	34 dB	29 dB
Reference test gain		38 dB	29 dB
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	< 1 %	< 1 %
	1600 Hz	< 2 %	< 2 %
Equivalent input noise level		30 dB SPL	30 dB SPL
Battery consumption**(Battery 10)	Typical	0.63 mA	0.63 mA
Battery life, artificial measurements, hours ***		166	166

* Measured with the gain control of the hearing aid set to its full-on position minus 20dB and with an input SPL of 70 dB.
 ** Battery current is measured according to IEC 60118-0:2015 §7.7 after a settling time of a minimum of 3 minutes
 *** Based on the standardized battery consumption measurement. The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

Data may vary by more or less 5%

