



Vibe Air

Data Sheet



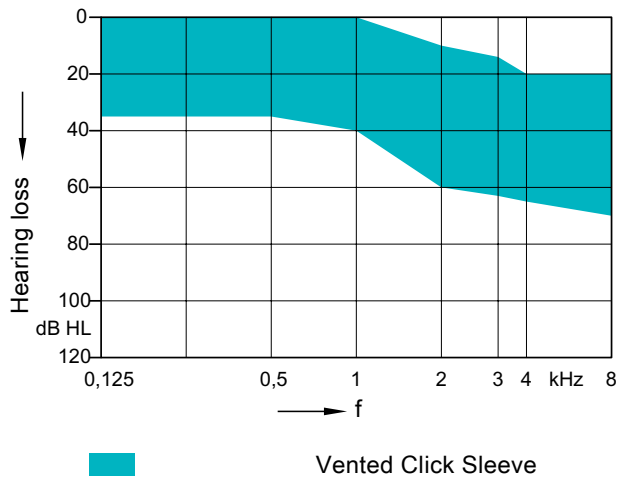
- 24 dB / 102 dB SPL
(2 ccm coupler)
- 39 dB / 111 dB SPL
(ear simulator)

Vibe Air | Technical Data

	2 ccm coupler	Ear simulator
Output sound pressure level		
OSPL 90 at 1.6 kHz	–	102 dB SPL
OSPL 90 (Peak)	102 dB SPL	111 dB SPL
HFA-OSPL 90	96 dB SPL	–
Gain		
FOG at 1.6 kHz	–	28 dB
FOG (peak)	24 dB	39 dB
HFA-FOG	18 dB	–
Reference test gain	17 dB	20 dB
Frequency, noise and directivity		
Frequency range	530 - 8400 Hz	680 - 8300 Hz
Equivalent input noise	20 dB SPL	23 dB SPL
Total harmonic distortion at 500 / 800 / 1600 / 3200 Hz	1 / 1 / 1 / 1 %	4 / 2 / 1 / – %
Battery		
Battery voltage	1.3 V	
Battery current drain	1.2 mA	
Battery runtime (cell zinc air)	~ 70 h	
IRIL IEC 60118-13:2016 Ed. 4.0		
700-960 MHz (rating)	user	
1400-2000 MHz (rating)	user	
2000-2700 MHz (rating)	user	
ANSI C63.19-2011		
800-950 MHz (rating)	M4	
1600-2500 MHz (rating)	M4	

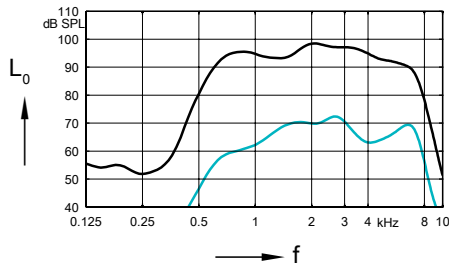
Please find additional information to the values on page "Further information".

Vibe Air | Fitting Range



Vibe Air | Basic Data

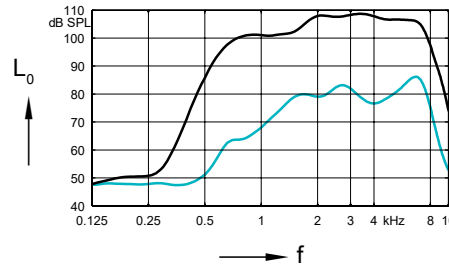
2 ccm coupler



Max. Output sound pressure level
($L_1 = 90$ dB)

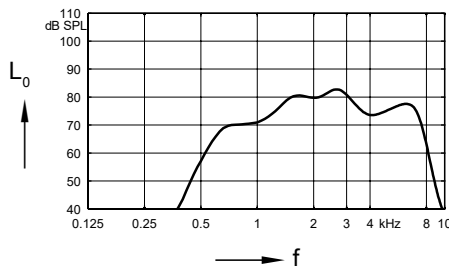
Full on gain
($L_1 = 50$ dB)

Ear simulator

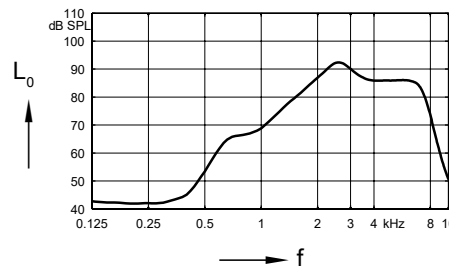


Max. Output sound pressure level
($L_1 = 90$ dB)

Full on gain
($L_1 = 50$ dB)

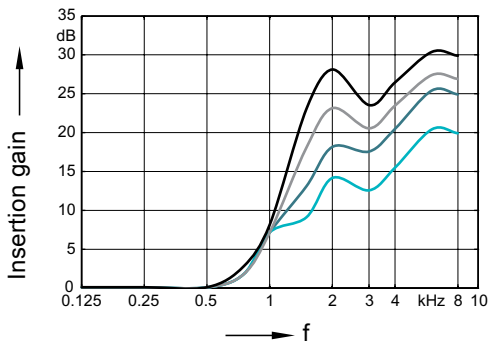


Frequency response
($L_1 = 60$ dB)



Basic acoustic response
($L_1 = 60$ dB)

Sound profiles and channels



Preconfigured sound profiles

— — — —

Vibe Air | Features and Accessories

Speech and sound processing	
Signal processing (channels) / Gain&MPO (handles)	12 / 4
Hearing programs	4
Extended dynamic range	✓
Extended bandwidth	✓
Echo shield	✓
Wind screen	✓
Speech and noise management	✓
Sound smoothing	✓
Feedback cancellation	✓
Binaural single-mic beamformer ¹⁾	✓
Wearer Interaction	
Vibe App (iOS and Android)	✓
Remote Services	✓
Style specific features	
Battery Size	10
Battery door on/off function	✓
Binaural wireless coupling	✓
Accessories	
Smart Key	○

¹⁾ req. bilateral fitting ✓ available — not available ○ optional

Vibe Air | Further information

Abbreviations

The following abbreviations are used in this datasheet:

OSPL	Output Sound Pressure Level
HFA	High Frequency Average
FOG	Full-On Gain
IRIL	Input Related Interference Level
RTF	Reference Test Frequency

Standards and additional information

- ▶ All measurements with the 2 ccm coupler were performed according to ANSI S3.22-2014 and IEC 60118-0:2015 if applicable
- ▶ All measurements with an ear simulator were performed according to IEC 118-0/A1:1994 and to DIN 45605 (frequency range) if applicable.
- ▶ Figures representing Equivalent Input Noise incorporate a moderate expansion.
- ▶ The current consumption is measured in reference test setting (RTS) according to the applicable standards. Due to the settling behaviour of hearing instruments supporting RF (radio frequency), the battery current is measured 3 minutes after turning on (note: no pairing)
- ▶ The battery runtime is based on first fit settings using 60 % of the fitting range and an ISTS (International Speech Test Signal) input signal at 65 dB SPL (note: pairing established). The actual battery runtime is determined by battery quality, hearing loss, sound environment, usage and activated feature set.


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.



WARNING

Choking hazard posed by small parts.

- ▶ This instrument is not intended for the fitting of infants, children under 3 years or persons of mental incapacity.

 **Legal Manufacturer**
WSAUD A/S
Nymøllevej 6
3540 Lyngø
Denmark


0123

Order No. 04403-99T02-7600
© 12.2020, WSAUD A/S
All rights reserved

Subject to change
without prior notice

www.vibe-hearing.com