



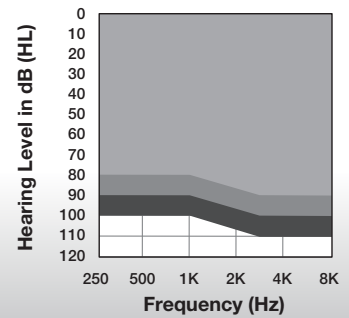
Audibel | Technical Data

ITE R

In-The-Ear Rechargeable

Fitting Range

- M
- P
- UP



Vitality AI 24 | 20 | 16

Color Guide

Faceplate Colors



Shell Colors



Patient Features

- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- Rechargeable Battery
- Telecoil

Vitality AI Technology

- Personal health monitoring technology with embedded sensors and artificial intelligence
- Compatible with StarLink 2.0 and StarLink Edge accessories

	M	P	UP	Matrices: M, P, UP Battery: Lithium-ion
Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	
Peak OSPL90 (dB SPL)	114	117	125	M
HFA OSPL90 (dB SPL)	109	113	121	
Peak Gain (dB)	51	58	67	
HFA Full-On Gain (dB)	46	54	63	P
Frequency Range (Hz)	<100-8300	<100-5700	<100-5300	
HFA Frequencies (kHz)	1.0,1.6,2.5	1.0,1.6,2.5	1.0,1.6,2.5	
Reference Test Gain (dB)	32	36	44	UP
Equivalent Input Noise (dB SPL) Expansion On (Default)	15	15	15	
Equivalent Input Noise (dB SPL) Expansion Off	25	25	25	
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	
800 Hz (%)	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	
Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL) ^{1,2}	92	97	105	
MASL (IEC) (dB SPL) ¹	74	83	92	
Estimated Lithium-ion Battery Life³				
Without streaming (hrs)	Up to 42	Up to 42	Up to 42	
With streaming (hrs)	Up to 36	Up to 36	Up to 36	
Battery Current (mA)	0.9	0.9	0.9	
Tinnitus Therapy Stimulus				
Max RMS Output (dB SPL)	87	87	87	
Weighted RMS Output Level (dB SPL)	87	87	87	
Max 1/3 Octave Output (dB SPL)	87	87	87	

¹Devices built with a vertical coil orientation.

²HFA SPLITS values could be increased by up to 6 dB for horizontal coil orientation.

³Results will vary based on wireless usage.

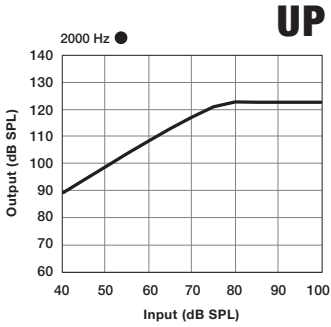
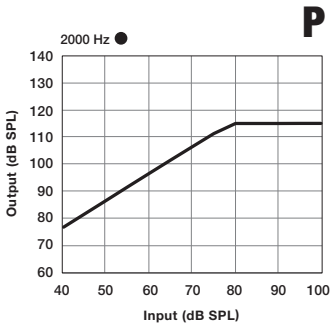
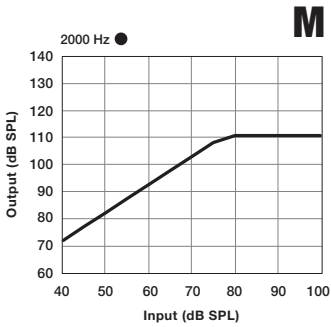


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Latency (ms)	4.3
Attack Time (ms)	3
Release Time (ms)	60



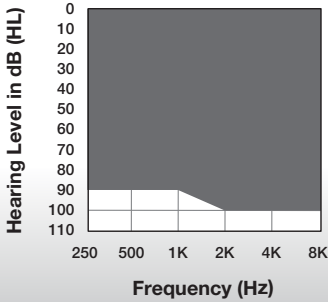
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UP-

Matrices: UP-
Battery: Lithium-ion

Measurement

ANSI/IEC
2cc Coupler

Peak OSPL90 (dB SPL)	119
HFA OSPL90 (dB SPL)	116
Peak Gain (dB)	62
HFA Full-On Gain (dB)	58
Frequency Range (Hz)	<100-6000
HFA Frequencies (kHz)	1.0, 1.6, 2.5
Reference Test Gain (dB)	39
Equivalent Input Noise (dB SPL) <i>Expansion On (Default)</i>	15
Equivalent Input Noise (dB SPL) <i>Expansion Off</i>	25
Harmonic Distortion	
500 Hz (%)	<3
800 Hz (%)	<3
1600 Hz (%)	<3

Induction Coil Sensitivity

HFA SPLITS (ANSI) (dB SPL) ^{1,2}	99
MASL (IEC) (dB SPL) ¹	86

Estimated Lithium-ion Battery Life*

Without streaming (hrs)	Up to 42
With streaming (hrs)	Up to 36
Battery Current (mA)	0.9

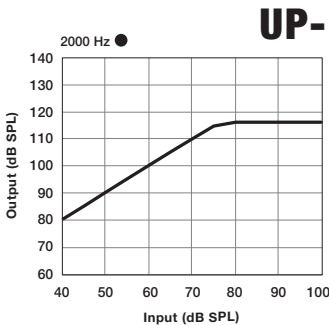
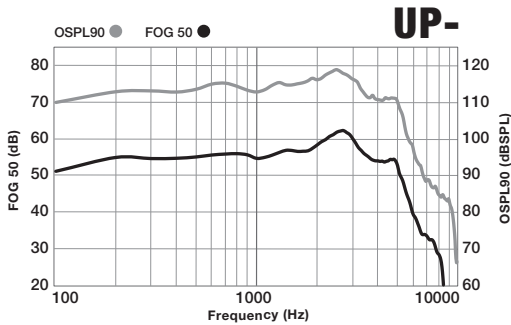
Tinnitus Therapy Stimulus

Max RMS Output (dB SPL)	87
Weighted RMS Output Level (dB SPL)	87
Max 1/3 Octave Output (dB SPL)	87

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