



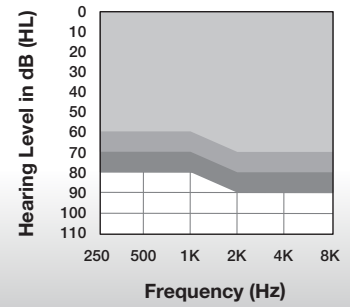
Audibel | Technical Data

RIC 312

Receiver-In-Canal

Fitting Range

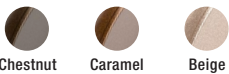
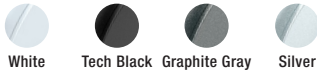
- L
- M
- P



Vitality AI 24 | 20 | 16

Color Guide

Standard Colors



Patient Features

- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)

Vitality AI Technology

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

	L	M	P	Matrices: L, M, P Battery Size: 312
Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	
Peak OSPL90 (dB SPL)	107	117	120	
HFA OSPL90 (dB SPL)	101	113	116	
Peak Gain (dB)	43	49	60	
HFA Full-On Gain (dB)	36	47	56	
Frequency Range (Hz)	<100-9400	<100-9400	<100-9400	
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5	
Reference Test Gain (dB)	24	36	39	
Equivalent Input Noise (dB SPL) <i>Expansion On (Default)</i>	15	15	15	
Equivalent Input Noise (dB SPL) <i>Expansion Off</i>	24	24	24	
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)	N/A	N/A	N/A	
MASL (IEC) (dB SPL)	N/A	N/A	N/A	
Estimated Battery Life for 16-Hour Day				
Without streaming (days)	Up to 6	Up to 6	Up to 6	
With streaming (days)	Up to 5	Up to 5	Up to 5	
Battery Current (mA)	1.5	1.6	1.6	
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	

L

M

P



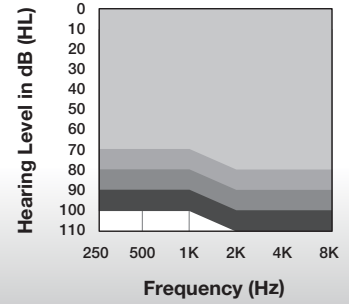
Audibel | Technical Data

RIC 312 CUSTOM CASED

Receiver-In-Canal

Fitting Range

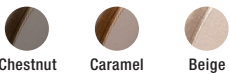
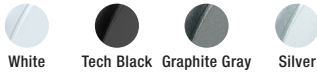
- L
- M
- P
- UP



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- IP Rating: 68
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	L	M	P	UP	Matrices: L, M, P, UP Battery Size: 312
Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	
Peak OSPL90 (dB SPL)	107	117	120	125	
HFA OSPL90 (dB SPL)	101	113	116	122	
Peak Gain (dB)	43	49	60	67	
HFA Full-On Gain (dB)	36	47	56	64	
Frequency Range (Hz)	<100-9400	<100-9400	<100-9400	<100-5800	
HFA Frequencies (kHz)	1.0, 1.6, 2.5	1.0, 1.6, 2.5	1.0, 1.6, 2.5	1.0, 1.6, 2.5	
Reference Test Gain (dB)	24	36	39	45	
Equivalent Input Noise (dB SPL) Expansion On (Default)	15	15	15	15	
Equivalent Input Noise (dB SPL) Expansion Off	24	24	24	24	
Harmonic Distortion					
500 Hz (%)	<3	<3	<3	<3	
800 Hz (%)	<3	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	<3	
Induction Coil Sensitivity					
HFA SPLITS (ANSI) (dB SPL)	N/A	N/A	N/A	N/A	
MASL (IEC) (dB SPL)	N/A	N/A	N/A	N/A	
Estimated Battery Life for 16-Hour Day					
Without streaming (days)	Up to 6	Up to 6	Up to 6	Up to 6	
With streaming (days)	Up to 5	Up to 5	Up to 5	Up to 5	
Battery Current (mA)	1.5	1.6	1.6	1.7	
Tinnitus Therapy Stimulus					
Max RMS Output (dB SPL)	87	87	87	87	
Weighted RMS Output Level (dB SPL)	87	87	87	87	
Max 1/3 Octave Output (dB SPL)	87	87	87	87	



Audibel | Technical Data

RIC 312

Receiver-In-Canal

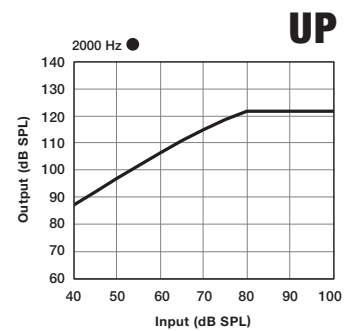
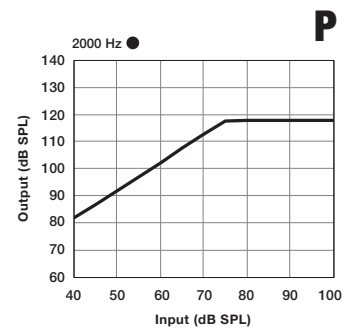
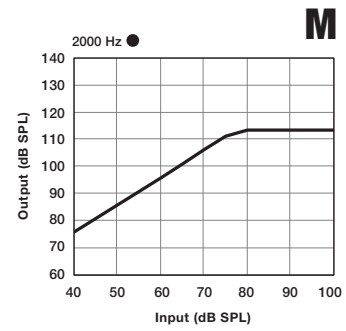
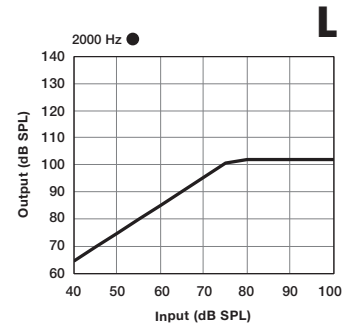
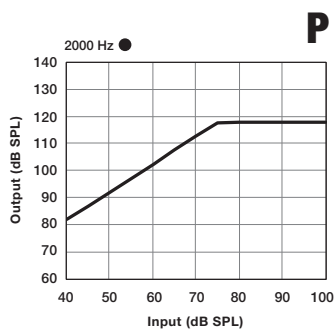
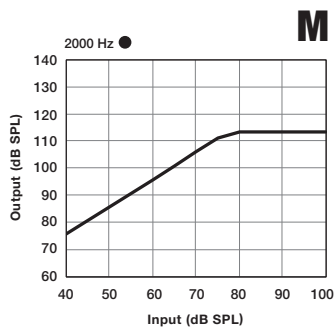
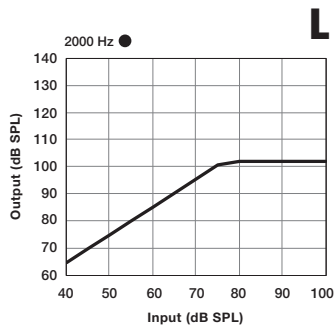


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RIC 312 CUSTOM CASED

Receiver-In-Canal

Vitality AI 24 | 20 | 16



Latency (ms) 4.3

Attack Time (ms) 1

Release Time (ms) 160



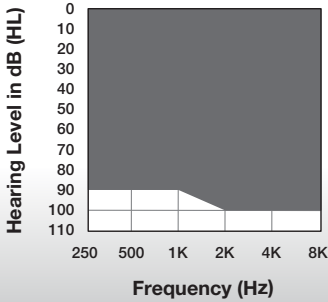
Audibel | Technical Data

RIC 312 CUSTOM Cased

Receiver-In-Canal

Fitting Range

UP-



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Color Guide

Standard Colors



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Vitality AI Technology

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	UP-	Matrices: UP- Battery Size: 312
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Measurement

ANSI/IEC
2cc Coupler

Peak OSPL90 (dB SPL)	119
HFA OSPL90 (dB SPL)	116
Peak Gain (dB)	64
HFA Full-On Gain (dB)	60
Frequency Range (Hz)	<100-5800

HFA Frequencies (kHz)	1.0, 1.6, 2.5
Reference Test Gain (dB)	39
Equivalent Input Noise (dB SPL) Expansion On (Default)	15
Equivalent Input Noise (dB SPL) Expansion Off	24

Harmonic Distortion

500 Hz (%)	<3
800 Hz (%)	<3
1600 Hz (%)	<3

Induction Coil Sensitivity

HFA SPLITS (ANSI) (dB SPL)	N/A
MASL (IEC) (dB SPL)	N/A

Estimated Battery Life for
16-Hour Day

Without streaming (days)	Up to 6
With streaming (days)	Up to 5
Battery Current (mA)	1.6

Tinnitus Therapy Stimulus

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

Latency (ms)	4.3
Attack Time (ms)	1
Release Time (ms)	160

