



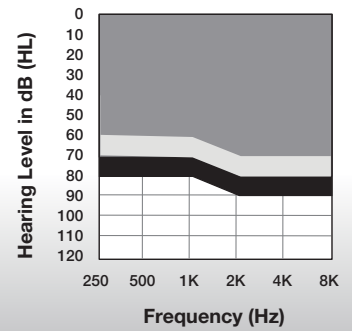
Audibel | Technical Data

RIC R

Receiver-In-Canal Rechargeable

Fitting Range

- RIC R 40
- RIC R 50
- RIC R 60



Arc AI 2400 | 2000 | 1600

Color Guide

Standard Colors



2.4 GHz Accessory Compatibility

- TV streamer
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

Patient Features

- Tinnitus Technology
- Wireless Connectivity
- Telecoil
- CROS System
- Rechargeable

Arc AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence

	40 Gain Data		50 Gain Data		60 Gain Data		Matrices: 107/40, 115/50, 120/60 Battery Size: Encased 312	
Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler		
Peak OSPL90 (dB SPL)	107	120	115	127	120	131		
HFA OSPL90 (dB SPL)	102	N/A	109	N/A	117	N/A		
RTF OSPL90 (dB SPL)	N/A	112	N/A	119	N/A	127		
Peak Gain (dB)	40	52	50	63	60	71		
HFA Full-On Gain (dB)	35	N/A	45	N/A	56	N/A		
RTF Full-On Gain (dB)	N/A	43	N/A	55	N/A	65		
Frequency Range (Hz)	<100-9400	<100-9400	<100-9600	<100-9600	<100-9200	<100-9600		
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6	N/A	1.6		
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A		
Reference Test Gain (dB)	25	36	32	44	40	52		
Equivalent Input Noise (dB)	26	26	26	26	26	26		
Harmonic Distortion								
500 Hz (%)	<3	<3	<3	<3	<3	<3		
800 Hz (%)	<3	<3	<3	<3	<3	<3		
1600 Hz (%)	<3	<3	<3	<3	<3	<3		
Induction Coil Sensitivity								
HFA SPLITS (ANSI) (dB SPL)	83	N/A	89	N/A	97	N/A		
MASL (IEC) (dB SPL)	64	N/A	75	N/A	84	N/A		
Estimated Lithium ION Battery Life								
Li-Ion Rechargeable Battery (hrs)	Up to 24 hours*		Up to 24 hours*		Up to 24 hours*			
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			

Matrix 107/40

Graph showing OSPL90 (dB SPL) on the Y-axis (70 to 130) versus Frequency (Hz) on the X-axis (100 to 10000). The OSPL90 curve (grey line) starts at approximately 107 dB SPL at 100 Hz, peaks at approximately 120 dB SPL at 1K Hz, and then decreases to approximately 70 dB SPL at 10000 Hz. The FOG 50 curve (black line) starts at approximately 26 dB SPL at 100 Hz, peaks at approximately 43 dB SPL at 1K Hz, and then decreases to approximately 26 dB SPL at 10000 Hz.

Matrix 115/50

Graph showing OSPL90 (dB SPL) on the Y-axis (65 to 125) versus Frequency (Hz) on the X-axis (100 to 10000). The OSPL90 curve (grey line) starts at approximately 102 dB SPL at 100 Hz, peaks at approximately 112 dB SPL at 1K Hz, and then decreases to approximately 65 dB SPL at 10000 Hz. The FOG 50 curve (black line) starts at approximately 26 dB SPL at 100 Hz, peaks at approximately 43 dB SPL at 1K Hz, and then decreases to approximately 26 dB SPL at 10000 Hz.

Matrix 120/60

Graph showing OSPL90 (dB SPL) on the Y-axis (60 to 120) versus Frequency (Hz) on the X-axis (100 to 10000). The OSPL90 curve (grey line) starts at approximately 107 dB SPL at 100 Hz, peaks at approximately 120 dB SPL at 1K Hz, and then decreases to approximately 60 dB SPL at 10000 Hz. The FOG 50 curve (black line) starts at approximately 26 dB SPL at 100 Hz, peaks at approximately 43 dB SPL at 1K Hz, and then decreases to approximately 26 dB SPL at 10000 Hz.

*Results will vary based on wireless usage.



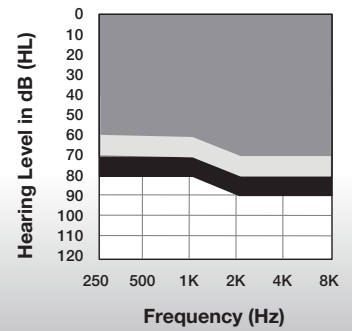
Audibel | Technical Data

RIC R

Receiver-In-Canal Rechargeable

Fitting Range

- RIC R 40
- RIC R 50
- RIC R 60



Arc AI 1200

Color Guide

Standard Colors



2.4 GHz Accessory Compatibility

- TV streamer
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

Patient Features

- Tinnitus Technology
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- Telecoil
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Arc AI Technology

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RTF Full-On Gain (dB)	N/A	43	N/A	55	N/A	65		
Frequency Range (Hz)	<100-7700	<100-7700	<100-7700	<100-7800	<100-7700	<100-7800		
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6	N/A	1.6		
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A		
Reference Test Gain (dB)	25	36	32	44	40	52		
Equivalent Input Noise (dB)	26	26	26	26	26	26		
Harmonic Distortion								
500 Hz (%)	<3	<3	<3	<3	<3	<3		
800 Hz (%)	<3	<3	<3	<3	<3	<3		
1600 Hz (%)	<3	<3	<3	<3	<3	<3		
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Matrix 107/40

OSPL90 ● FOG 50 ●

Frequency (Hz)

Matrix 115/50

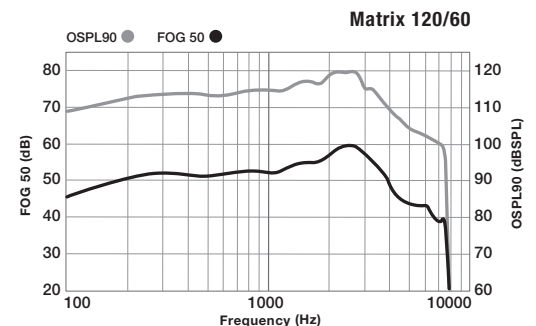
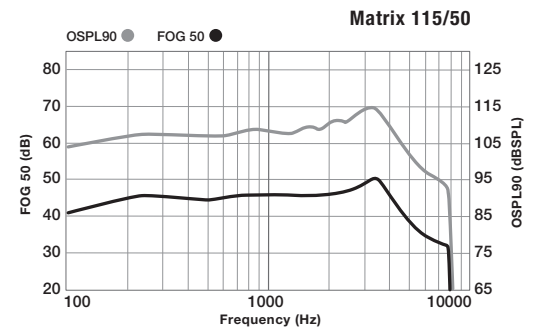
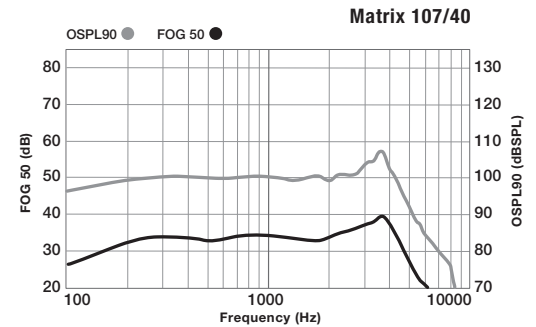
OSPL90 ● FOG 50 ●

Frequency (Hz)

Matrix 120/60

OSPL90 ● FOG 50 ●

Frequency (Hz)



*Results will vary based on wireless and feature usage.