



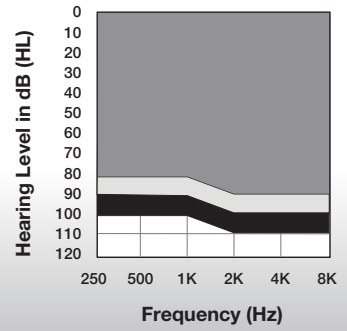
Audibel | Technical Data

# ITE R

In-The-Ear Rechargeable

## Fitting Range

- ITE R 50
- ITE R 60
- ITE R 70



Arc AI 2400 | 2000 | 1600

## Color Guide

### Faceplate Colors



### Shell Colors



## 2.4 GHz Accessory Compatibility

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

## Patient Features

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

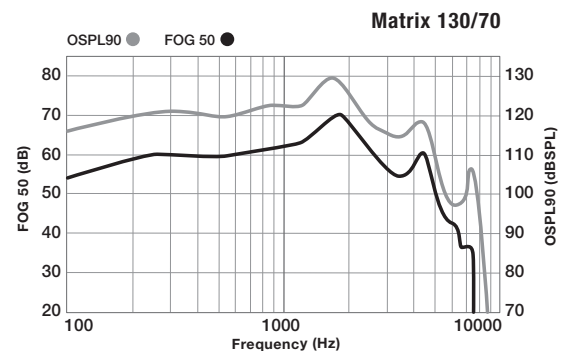
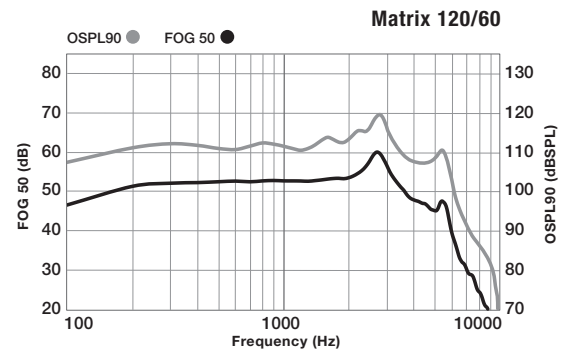
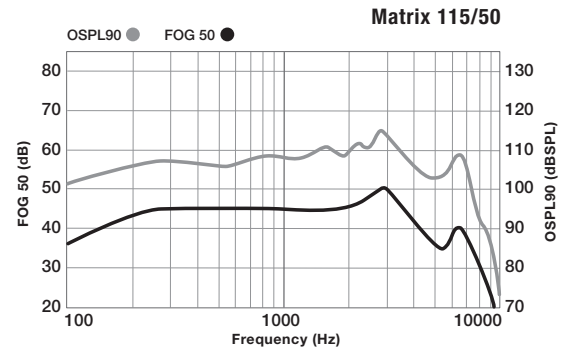
## Arc AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence

## ITE R Gain Data

Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	115-130	126-139
HFA OSPL90 (dB SPL)	110-123	N/A
RTF OSPL90 (dB SPL)	N/A	119-139
Peak Gain (dB)	50-70	62-80
HFA Full-On Gain (dB)	45-64	N/A
RTF Full-On Gain (dB)	N/A	55-78
<b>Frequency Range (Hz)</b>	<100-8300	<100-9000
Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A
Reference Test Gain (dB)	32-46	45-64
Equivalent Input Noise (dB)	<25	<25
<b>Harmonic Distortion</b>		
500 Hz (%)	<3	<3
800 Hz (%)	<3	<3
1600 Hz (%)	<3	<3
<b>Induction Coil Sensitivity</b>		
HFA SPLITS (ANSI) (dB SPL)	95-108	N/A
MASL (IEC) (dB SPL)	78-96	N/A
<b>Estimated Lithium ION Battery Life</b>		
Li-Ion Rechargeable Battery (hrs)	Up to 24 hours*	
Battery Current (mA)	0.6	0.6
<b>Tinnitus Therapy Stimulus</b>		
Max RMS Output (dB SPL)	87	
Weighted RMS Output Level (dB SPL)	87	
Max 1/3 Octave Output (dB SPL)	87	

## Matrices: 115/50, 120/60, 130/70 Battery Size: Encased 312



\*Results will vary based on wireless usage.



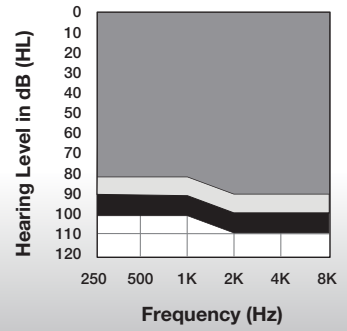
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## Arc AI 1200 | 1000

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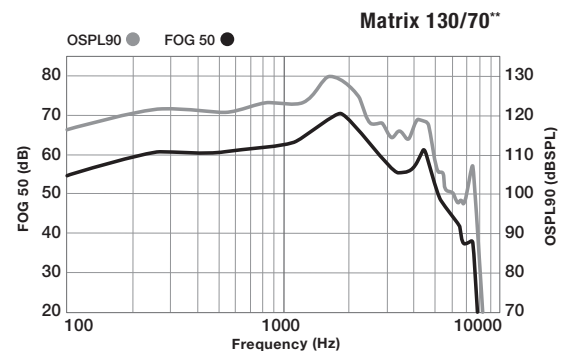
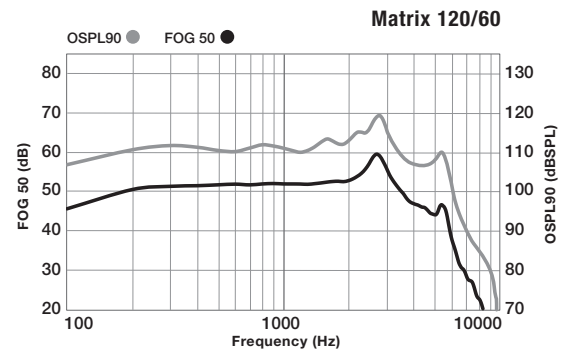
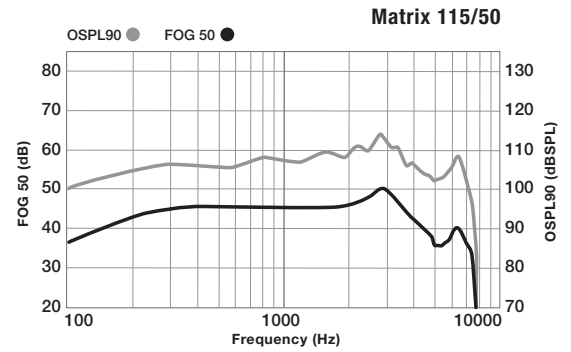
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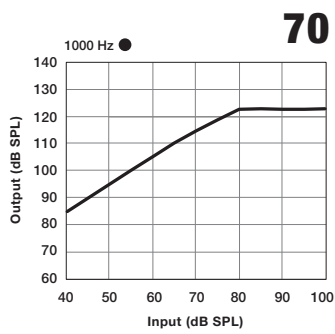
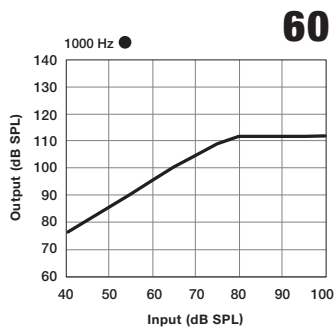
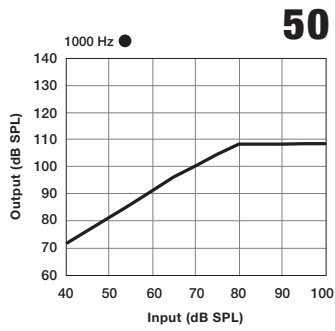


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Arc AI



Latency (ms)	4.3
Attack Time (ms)	8
Release Time (ms)	55