



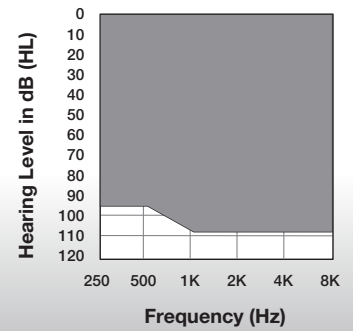
Audibel | Technical Data

BTE R

Behind-The-Ear Rechargeable

Fitting Range

● BTE R 70



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

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

Arc AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence

	Earhook		Size 3, Occluded Thin Tube		Matrices: 130/70 Battery Size: Encased 312	
Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler		
Peak OSPL90 (dB SPL)	130	135	123	126		
HFA OSPL90 (dB SPL)	124	N/A	113	N/A		
RTF OSPL90 (dB SPL)	N/A	135	N/A	118		
Peak Gain (dB)	70	75	68	72		
HFA Full-On Gain (dB)	62	N/A	57	N/A		
RTF Full-On Gain (dB)	N/A	75	N/A	62		
Frequency Range (Hz)	<100-7600	<100-7600	<100-5000	<100-6900		
Reference Test Freq. (kHz)	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		
Reference Test Gain (dB)	47	60	36	43		
Equivalent Input Noise (dB)	24	18	29	29		
Harmonic Distortion						
500 Hz (%)	<5	<5	<3	<3		
800 Hz (%)	<5	<5	<3	<3		
1600 Hz (%)	<1	<1	<1	<1		
Induction Coil Sensitivity						
HFA SPLITS (ANSI) (dB SPL)	98	N/A	89	N/A		
MASL (IEC) (dB SPL)	92	N/A	87	N/A		
Estimated Lithium ION Battery Life						
Li-Ion Rechargeable Battery (hrs)	Up to 24 hours*		Up to 24 hours*			
Tinnitus Therapy Stimulus						
Max RMS Output (dB SPL)	92		92			
Weighted RMS Output Level (dB SPL)	92		92			
Max 1/3 Octave Output (dB SPL)	92		92			

Matrix 130/70
with Earhook

Matrix 130/70
with Thin Tube

*Results will vary based on wireless usage.



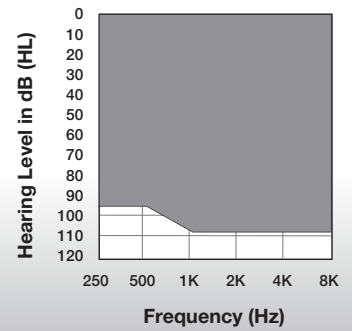
Audibel | Technical Data

BTE R

Behind-The-Ear Rechargeable

Fitting Range

● BTE R 70



Arc AI 1200

Color Guide

Standard Colors



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Matrix 130/70
with Earhook

OSPL90 ● FOG 50 ●

Matrix 130/70
with Thin Tube

OSPL90 ● FOG 50 ●

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