



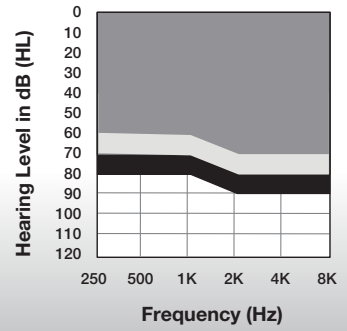
# Audibel | Technical Data

## 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

- IP Rating: 68
- 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

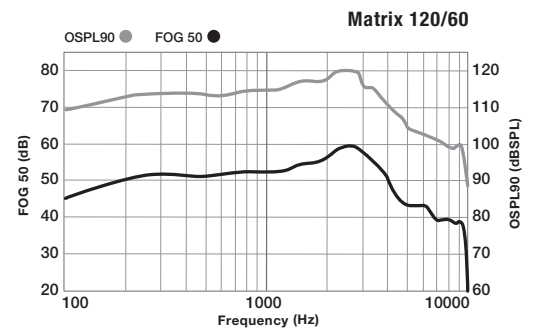
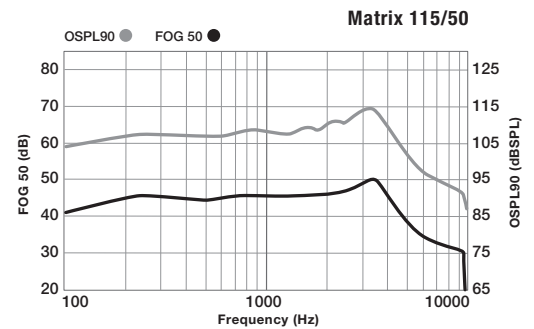
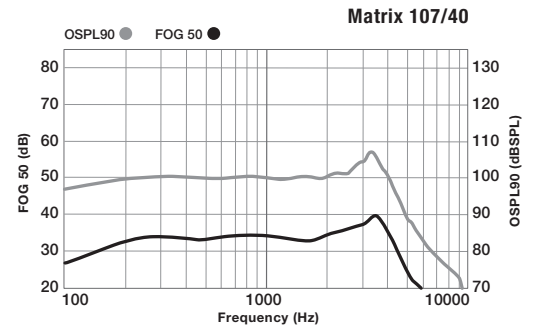
Frequency Range (Hz)	<100-9400	<100-9400	<100-9600	<100-9600	<100-9200	<100-9600
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	25	36	32	44	40	52
Equivalent Input Noise (dB)	26	26	26	26	26	26

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*	
Battery Current (mA)	0.6	0.6	0.6	0.6	0.7	0.7

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	



\*Results will vary based on wireless usage.



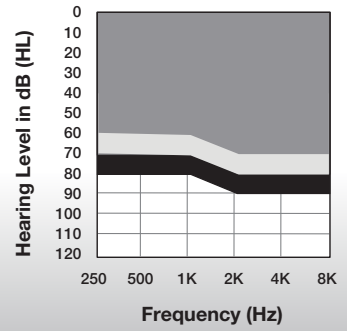
# Audibel | Technical Data

## RIC R

### Receiver-In-Canal Rechargeable

#### Fitting Range

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



#### Arc AI 1200 | 1000

#### 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
- 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

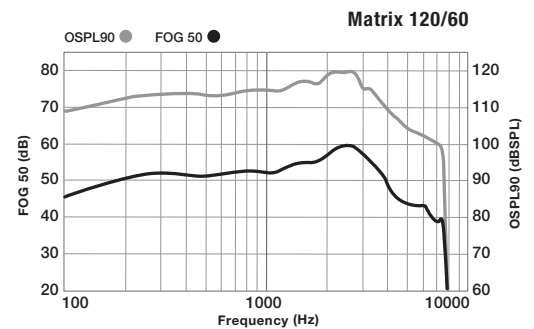
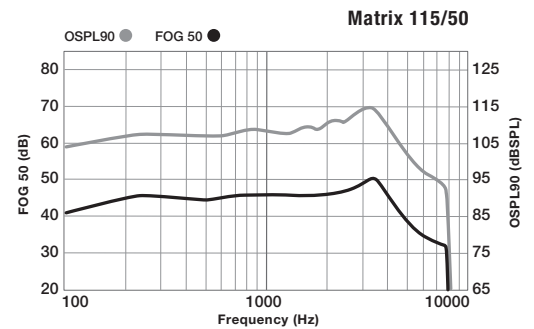
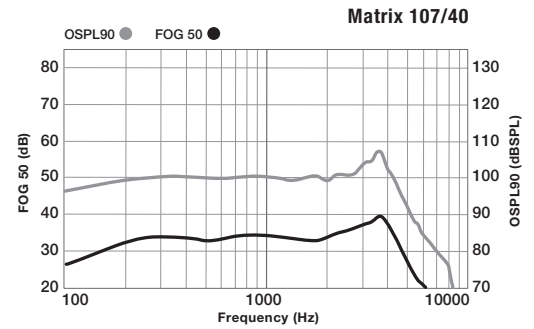
Frequency Range (Hz)	<100-7700	<100-7700	<100-7700	<100-7800	<100-7700	<100-7800
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	25	36	32	44	40	52
Equivalent Input Noise (dB)	26	26	26	26	26	26

Harmonic Distortion	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
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	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
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	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Li-Ion Rechargeable Battery (hrs)	Up to 24 hours*		Up to 24 hours*		Up to 24 hours*	
Battery Current (mA)	0.6	0.6	0.6	0.6	0.7	0.7

Tinnitus Therapy Stimulus	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
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	



\*Results will vary based on wireless and feature usage.



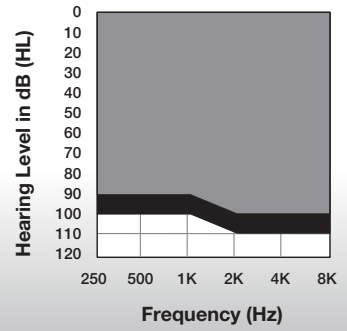
Audibel | Technical Data

# RIC R AP

Receiver-In-Canal Rechargeable **ABSOLUTE POWER**

## Fitting Range

- RIC R AP 60
- RIC R AP 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
- Wireless Connectivity
- Telecoil
- CROS System
- Rechargeable

## Arc AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence

	60 Gain Data		70 Gain Data		Matrices: 123/60, 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)	123	133	130	140
HFA OSPL90 (dB SPL)	117	N/A	124	N/A
RTF OSPL90 (dB SPL)	N/A	130	N/A	139
Peak Gain (dB)	60	70	70	81
HFA Full-On Gain (dB)	54	N/A	65	N/A
RTF Full-On Gain (dB)	N/A	66	N/A	78

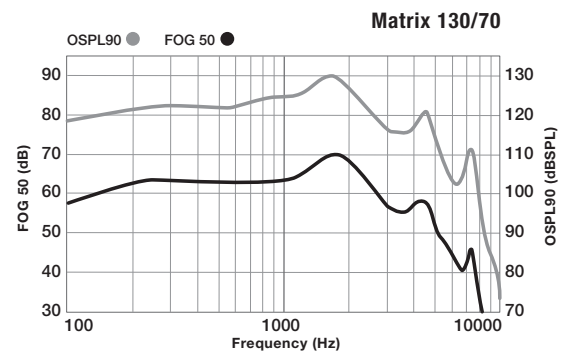
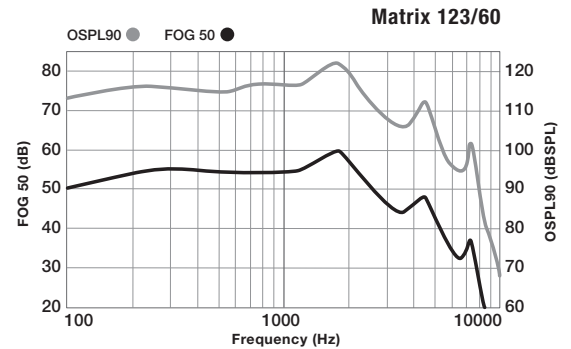
Frequency Range (Hz)	<100-5500	<100-5700	<100-5800	<100-5700
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	40	55	47	64
Equivalent Input Noise (dB)	26	26	26	26

Harmonic Distortion	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3

Induction Coil Sensitivity	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
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Estimated Lithium ION Battery Life	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
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Tinnitus Therapy Stimulus	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Max RMS Output (dB SPL)	87		87	
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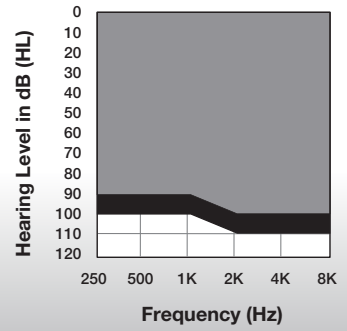
Audibel | Technical Data

# RIC R AP

Receiver-In-Canal Rechargeable **ABSOLUTE POWER**

## Fitting Range

- RIC R AP 60
- RIC R AP 70



## Arc AI 1200 | 1000

### Color Guide

#### Standard Colors



### 2.4 GHz Accessory Compatibility

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

### Patient Features

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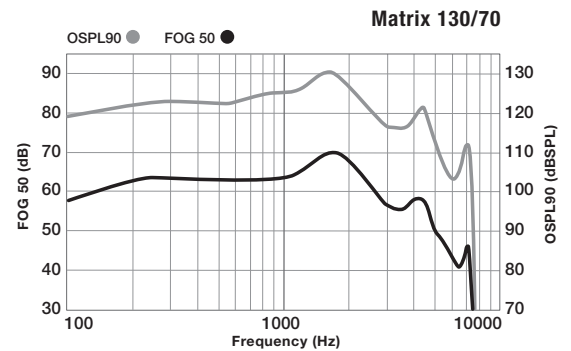
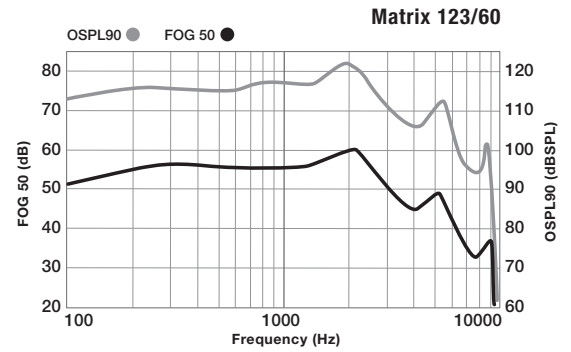
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Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6
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Reference Test Gain (dB)	40	55	47	64
Equivalent Input Noise (dB)	26	26	26	26

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 Lithium ION Battery Life				
Li-Ion Rechargeable Battery (hrs)	Up to 24 hours*		Up to 24 hours*	
Battery Current (mA)	0.6	0.6	0.6	0.6

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



\*Results will vary based on wireless and feature usage.  
\*\*Only available on 1200 technology tier.



Audibel | Technical Data

# RIC R

Receiver-In-Canal Rechargeable

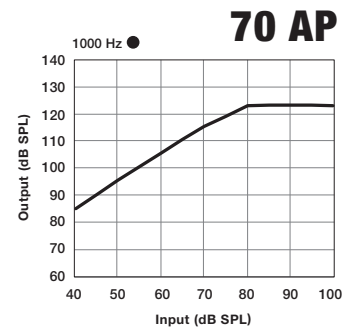
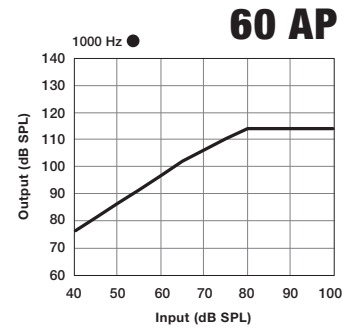
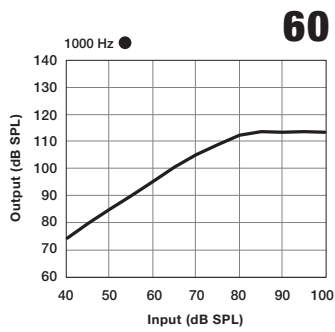
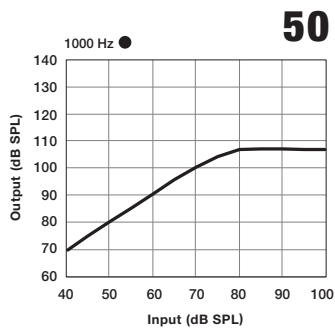
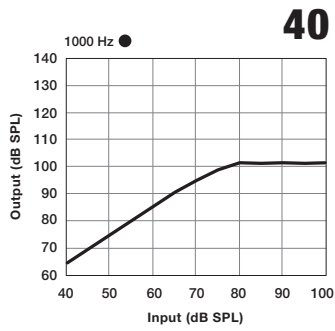


Audibel | Technical Data

# RIC R AP

Receiver-In-Canal Rechargeable **ABSOLUTE POWER**

## Arc AI



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