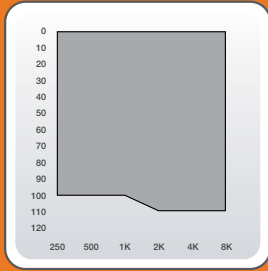


ITE

IN-THE-EAR

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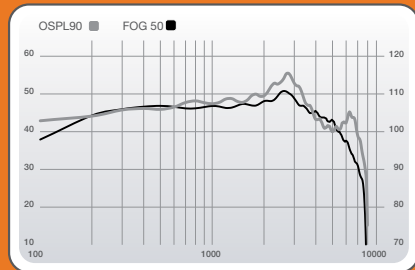
Hearing Level in dB (HL)



Frequency (Hz)

Ignite ITE fitting range.

FOG 50 (dB)

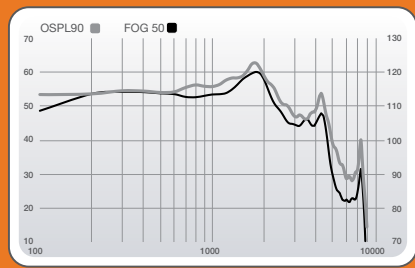


OSPL90 (dB SPL)

Frequency (Hz)

OSPL90 (gray) and Full-On Gain (black) curves for the Ignite ITE at 115/50.

FOG 50 (dB)



OSPL90 (dB SPL)

Frequency (Hz)

OSPL90 (gray) and Full-On Gain (black) curves for the Ignite ITE at 123/60.

MATRICES: 115/50, 123/60

MAXIMUM OUTPUT: Up to 30dB reduction in 2dB steps (range varies by channel)

COMPRESSION THRESHOLD: 24dB range in 4dB steps

COMPRESSION RATIO: 1:1-3:1 (range varies by channel)

BATTERY SIZE: 13



ANSI/IEC DATA

	ITE 115/50		ITE 123/60	
Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	115	124	123	130
HFA OSPL90 (dB SPL)	110	N/A	116	N/A
RTF OSPL90 (dB SPL)	N/A	116	N/A	128
Peak Gain (dB)	50	58	60	68
HFA Full-On Gain (dB)	46	N/A	53	N/A
RTF Full-On Gain (dB)	N/A	54	N/A	66
Frequency Range (Hz)	100 - 6800	100 - 7000	100 - 5000	100 - 5100
Reference Test Frequency (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)	33	41	39	53
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
Attack and Release Time (ANSI/IEC) – Test Mode				
Attack Time (ms)	20	20	20	20
Release Time 0.1s (ms)	5-150	5-250	5-150	5-250
Release Time 2.0s (ms)	5-150	5-250	5-150	5-250
Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	95	N/A	101	N/A
MASL (IEC) (dB SPL)	N/A	83	N/A	95
ANSI/IEC Battery Current (mA)	1.22	1.22	1.22	1.22
Idle Current (mA)	1.14	1.15	1.13	1.13
Estimated Battery Life for 16-Hour Day				
13 Zinc Air (days)	12-16*	12-16*	12-16*	12-16*

* Results for wireless products will vary based on wireless usage.



MATRICES: 110/40, 115/50

MAXIMUM OUTPUT: Up to 30dB reduction in 2dB steps (range varies by channel)

COMPRESSION THRESHOLD: 24dB range in 4dB steps

COMPRESSION RATIO: 1:1-3:1 (range varies by channel)

BATTERY SIZE: 312

HS

HALF-SHELL

ANSI/IEC DATA

HS 110/40		HS 115/50	
ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
110	119	115	124
105	N/A	109	N/A
N/A	111	N/A	116
40	49	50	58
36	N/A	46	N/A
N/A	43	N/A	53
100 - 7000	100 - 7200	100 - 6500	100 - 6800
N/A	1.6	N/A	1.6
1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5	N/A
28	36	32	41
<3	<3	<3	<3
<3	<3	<3	<3
<3	<3	<3	<3
20	20	20	20
5-150	5-250	5-150	5-250
5-150	5-250	5-150	5-250
89	N/A	94	N/A
N/A	71	N/A	82
1.22	1.22	1.22	1.22
1.15	1.15	1.15	1.15
8-9*	8-9*	8-9*	8-9*

Measurement

Peak OSPL90 (dB SPL)

HFA OSPL90 (dB SPL)

RTF OSPL90 (dB SPL)

Peak Gain (dB)

HFA Full-On Gain (dB)

RTF Full-On Gain (dB)

Frequency Range (Hz)

Reference Test Frequency (kHz)

HFA Frequencies (kHz)

Reference Test Gain (dB)

Harmonic Distortion

500 Hz (%)

800 Hz (%)

1600 Hz (%)

Attack and Release Time (ANSI/IEC) – Test Mode

Attack Time (ms)

Release Time 0.1s (ms)

Release Time 2.0s (ms)

Induction Coil Sensitivity

HFA SPLITS (ANSI) (dB SPL)

MASL (IEC) (dB SPL)

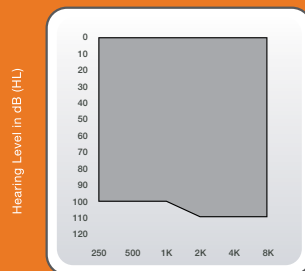
ANSI/IEC Battery Current (mA)

Idle Current (mA)

Estimated Battery Life for 16-Hour Day

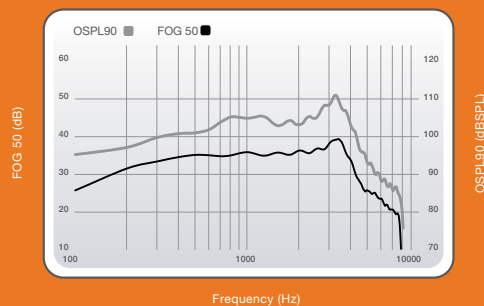
312 Zinc Air (days)

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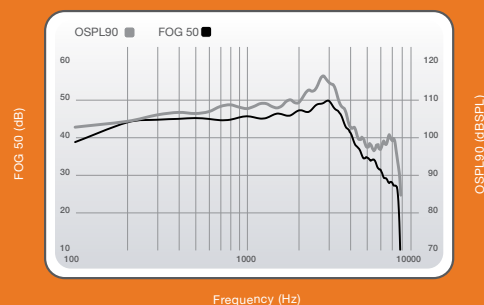


Frequency (Hz)

Ignite HS fitting range.



OSPL90 (gray) and Full-On Gain (black) curves for the Ignite HS at 110/40.



OSPL90 (gray) and Full-On Gain (black) curves for the Ignite HS at 115/50.

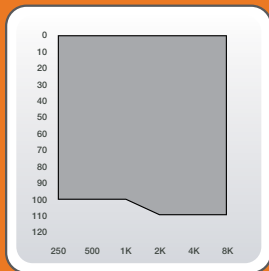
* Results for wireless products will vary based on wireless usage.

ITC

IN-THE-CANAL

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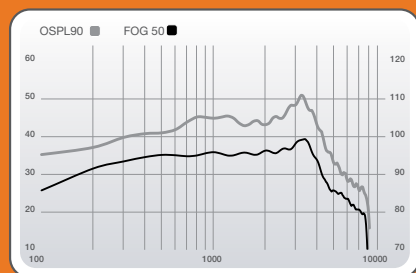
Hearing Level in dB (HL)



Frequency (Hz)

Ignite ITC fitting range.

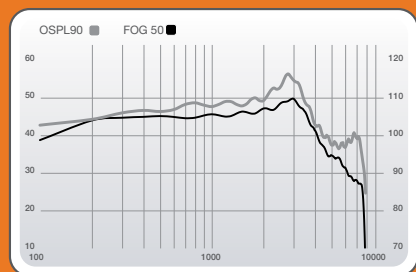
FOG 50 (dB)



Frequency (Hz)

OSPL90 (gray) and Full-On Gain (black) curves for the Ignite ITC at 110/40.

FOG 50 (dB)



Frequency (Hz)

OSPL90 (gray) and Full-On Gain (black) curves for the Ignite ITC at 115/50.

MATRICES: 110/40, 115/50

MAXIMUM OUTPUT: Up to 30dB reduction in 2dB steps (range varies by channel)

COMPRESSION THRESHOLD: 24dB range in 4dB steps

COMPRESSION RATIO: 1:1-3:1 (range varies by channel)

BATTERY SIZE: 312



ANSI/IEC DATA

Measurement	ITC 110/40		ITC 115/50	
	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	110	119	115	124
HFA OSPL90 (dB SPL)	105	N/A	109	N/A
RTF OSPL90 (dB SPL)	N/A	111	N/A	116
Peak Gain (dB)	40	49	50	58
HFA Full-On Gain (dB)	36	N/A	46	N/A
RTF Full-On Gain (dB)	N/A	43	N/A	53
Frequency Range (Hz)	100 - 7000	100 - 7200	100 - 6500	100 - 6800
Reference Test Frequency (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)	28	36	32	41
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
Attack and Release Time (ANSI/IEC) – Test Mode				
Attack Time (ms)	20	20	20	20
Release Time 0.1s (ms)	5-150	5-250	5-150	5-250
Release Time 2.0s (ms)	5-150	5-250	5-150	5-250
Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	89	N/A	94	N/A
MASL (IEC) (dB SPL)	N/A	71	N/A	82
ANSI/IEC Battery Current (mA)	1.22	1.22	1.22	1.22
Idle Current (mA)	1.15	1.15	1.15	1.15
Estimated Battery Life for 16-Hour Day				
312 Zinc Air (days)	8-9*	8-9*	8-9*	8-9*

* Results for wireless products will vary based on wireless usage.



MATRICES: 110/40, 115/50

MAXIMUM OUTPUT: Up to 30dB reduction in 2dB steps (range varies by channel)

COMPRESSION THRESHOLD: 24dB range in 4dB steps

COMPRESSION RATIO: 1:1-3:1 (range varies by channel)

BATTERY SIZE: 10

ANSI/IEC DATA

CIC 110/40		CIC 115/50	
ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
110	119	115	124
104	N/A	110	N/A
N/A	110	N/A	115
40	49	50	58
35	N/A	46	N/A
N/A	43	N/A	54
100 - 7500	100 - 7600	100 - 7500	100 - 7600
N/A	1.6	N/A	1.6
1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5	N/A
28	35	32	40
<3	<3	<3	<3
<3	<3	<3	<3
<3	<3	<3	<3
20	20	20	20
5-150	5-250	5-150	5-250
5-150	5-250	5-150	5-250
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
1.17	1.17	1.17	1.17
1.12	1.12	1.13	1.13
4-6*	4-6*	4-6*	4-6*

Measurement

Peak OSPL90 (dB SPL)

HFA OSPL90 (dB SPL)

RTF OSPL90 (dB SPL)

Peak Gain (dB)

HFA Full-On Gain (dB)

RTF Full-On Gain (dB)

Frequency Range (Hz)

Reference Test Frequency (kHz)

HFA Frequencies (kHz)

Reference Test Gain (dB)

Harmonic Distortion

500 Hz (%)

800 Hz (%)

1600 Hz (%)

Attack and Release Time (ANSI/IEC) – Test Mode

Attack Time (ms)

Release Time 0.1s (ms)

Release Time 2.0s (ms)

Induction Coil Sensitivity

HFA SPLITS (ANSI) (dB SPL)

MASL (IEC) (dB SPL)

ANSI/IEC Battery Current (mA)

Idle Current (mA)

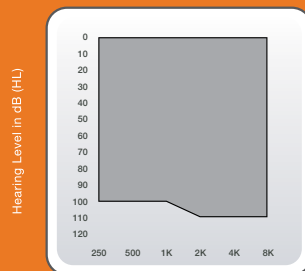
Estimated Battery Life for 16-Hour Day

10 Zinc Air (days)

CIC

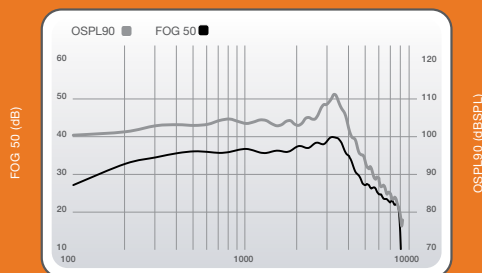
COMPLETELY-IN-CANAL

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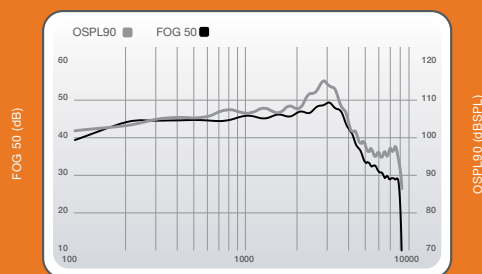
Frequency (Hz)

Ignite CIC fitting range.



Frequency (Hz)

OSPL90 (gray) and Full-On Gain (black) curves for the Ignite CIC at 110/40.



Frequency (Hz)

OSPL90 (gray) and Full-On Gain (black) curves for the Ignite CIC at 115/50.

* Results for wireless products will vary based on wireless usage.