

LUMEN[®] 150 i2

PRODUCT FEATURES

Standard amplifier choices of Spin NR, Audion 4, Audion 6, Audion 8, and Audion 16 offer these available features:

- High performance adaptive feedback canceller
- Wide Dynamic Range Compression (WDRC)
- Impulse Sound Suppression
- Programmable Volume Control (VC) Range

Configurable with Thin-tube and Standard Earhook couplings

Omni or directional microphone options

Rear microphone moisture protection barrier to reduce perspiration failures

High-fashioned painted housing with smooth rocker switch

Color Options:



Beige



Bronze



Brown



Light
Gray



Metallic
Black



Silver



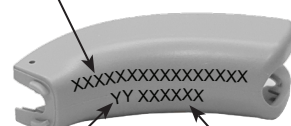
AUDION 8 AMPLIFIER DATA

SPECIFICATION DATA

IEC 60118-7/ ANSI S3.22-2003 (2cc)	Thin Tube	Earhook
Peak OSPL90 (dB SPL)	120	128
HFA OSPL90 (dB SPL)	110	122
Peak FOG (dB)	53	60
HFA FOG (dB)	45	52
HFA Ref. Test Gain (dB)	33	46
Frequency Range: f1 - f2	500 - 5900	200 - 7100
THD @ 500 Hz (%)	< 1	< 7
@ 800 Hz (%)	< 1	< 6
@ 1600 Hz (%)	< 1	< 1
Equivalent Input Noise (dB SPL)	< 13	< 22
Attack Time (msec)	11	11
Release Time (msec)	177	200
Battery Drain, non-streaming (mA)	1.3	1.3
Supply Voltage (V) – STD 312	1.3	1.3
Induction Coil Sensitivity (dB)	89	101

PRODUCT MARKINGS

CUSTOMER NAME



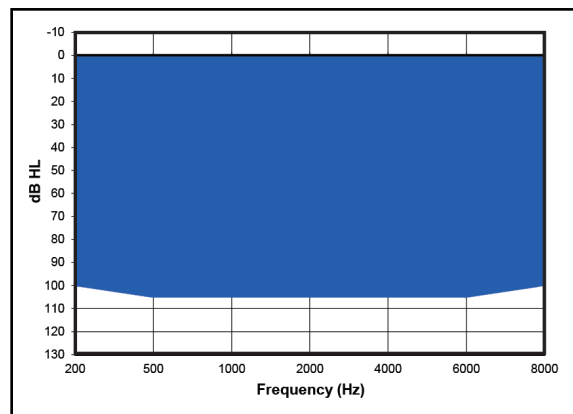
YEAR

S/N ARTWORK

PREFERRED FONT: ARIAL

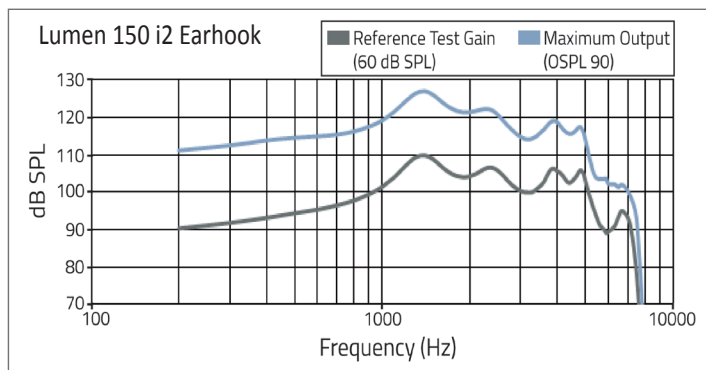
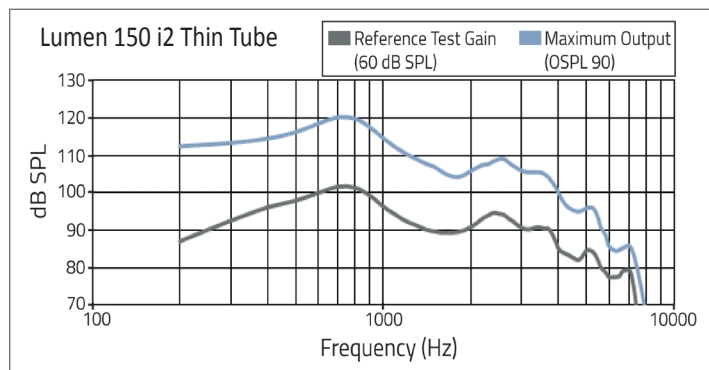
FONT SIZE: 4 PT

RECOMMENDED FITTING RANGE



Fitting range is subject to change due to person-to-person differences as well as their optimal tubing and tip selection.

RESPONSE CURVE



AMPLIFIER FEATURE MATRIX

FEATURES	SPIN NR	Audion 4	Audion 6	Audion 8	Audion 16
Acous-TAP™					•
Adaptive Directionality			•	•	•
Audio Inputs, Number of	4	4	4	4	4
Compression Channels	2	4	6	8	16
Data Logging				•	•
Dual Biquad Filter					•
Dynamic Contrast Detection™	•	•	•	•	•
Feedback Managers:					
Adaptive Feedback Cancelling	•	•	•		
Reliant™ Adaptive Feedback Cancelling				•	•
Fixed Directional Processing		•	•	•	•
Gain Adjustment Bands	12	12	12	12	16
High Power Compatible	•	•	•	•	•
In-situ Tone Generator			•	•	•
Low-level Expansion	•	•	•	•	•
M+T Input Mode	•	•	•	•	•
Maximum Power Output Limiting	Broadband	Broadband	6-Channel	8-Channel	16-Channel
Random Noise Generator				•	•
Tone Amplitude Adjustment	•	•	•	•	•
Tone Frequency Adjustment	•	•	•	•	•
Trimmer Control	•	•			
Voice Prompts				•	•
Wide Dynamic Range Compression	•	•	•	•	•
Wind Noise Reduction					•

These amplifiers are compatible to this device. For a more detailed look at the Amplifier Feature Matrix, visit www.IntriCon.com.

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23022_B 08-2019 · Specifications subject to change without notice.

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This product may be covered by one or more of the following patents, as well as patents pending: 8,355,517; 8,605,927; 8,767,987; D671,218; 9,571,939; 9,832,578; 6,678,386; D525,617; D527,377; D567,232; D588,110; 7,519,193; 8,358,797.

