

Loon™

PRODUCT FEATURES

Adaptive Feedback Cancellation Technology

Up to 4 Independently Programmable Memories

10 band Layered Noise Reduction

Memory Change / Low Battery Indicator

12 bands of Gain Adjustment

Fixed directional processing

4 channel Wide Dynamic Range Compression

Active Telecoil (T-Coil)

Wide Band Maximum Power Output (MPO)
Limiting

Programmable Power-on Delay with
Adjustable Level

Available Colors:
Bronze, Charcoal, Metallic Black

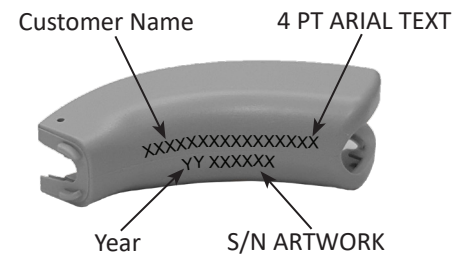


AUDION 8 AMPLIFIER DATA

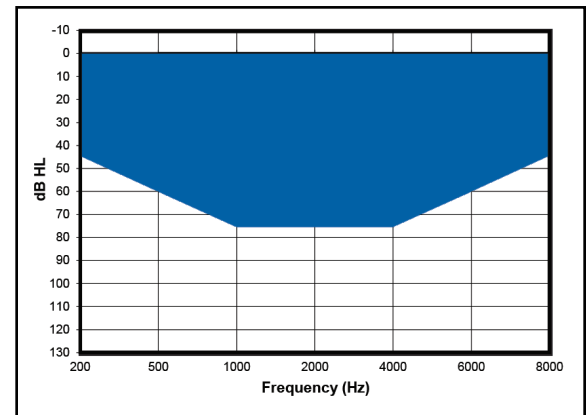
SPECIFICATION DATA

IEC 60118-7/ ANSI S3.22-2003 (2cc)	Thin Tube	Earhook
Peak OSPL90 (dB SPL)	116	122
HFA OSPL90 (dB SPL)	102	115
Peak FOG (dB)	35	53
HFA FOG (dB)	25	45
HFA Ref. Test Gain (dB)	25	38
Frequency Range: f1 - f2	300-5700	600-5400
THD @ 500 Hz (%)	1.0	1.0
@ 800 Hz (%)	0.2	3.7
@ 1600 Hz (%)	1.0	3.6
Equivalent Input Noise (dB SPL)	21	10
Attack Time (msec)	20	20
Release Time (msec)	150	150
Battery Current Drain (mA)	0.9	0.9
Battery Life [10A Zinc Air]	100 hours	100 hours
MASL (dB SPL)	65	68
ETLS (dB)	9	1

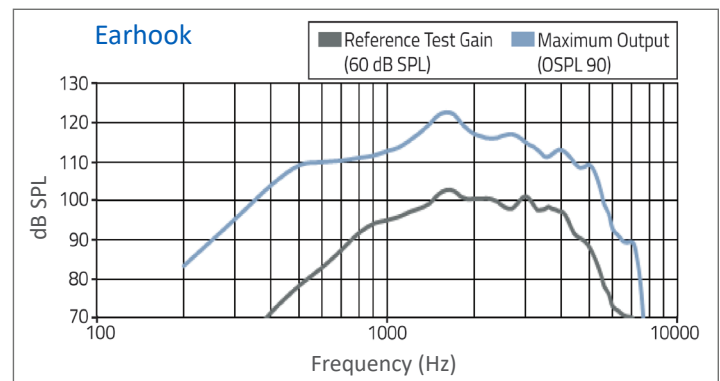
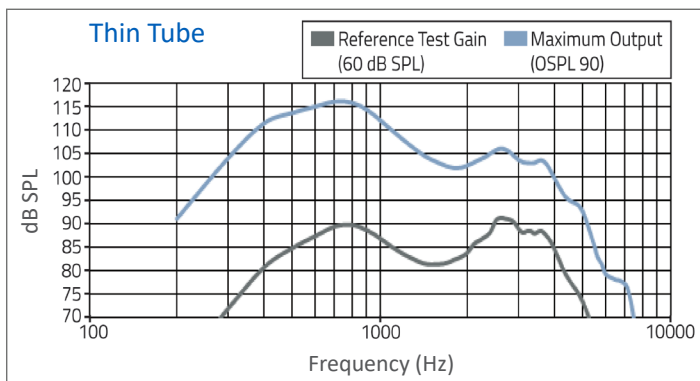
PRODUCT MARKINGS



RECOMMENDED FITTING RANGE



RESPONSE CURVE



AMPLIFIER FEATURE MATRIX

FEATURES	Essential 150	SPIN NR	Audion 4	Audion 6	Ethos	Audion 8	Overtus	Audion 16
Acous-TAP™							•	•
Adaptive Directionality				•	•	•		•
Audio Inputs, Number of	4	4	4	4	4	4	4	4
Compression Channels	2	2	4	6	8	8	8	16
Data Logging					•	•	•	•
Dual Biquad Filter								•
Dynamic Contrast Detection™	•	•	•	•	•	•	•	•
Feedback Managers:								
Adaptive Feedback Cancelling		•	•	•				
Reliant™ Adaptive Feedback Cancelling					•	•		•
Reliant™ Clear							•	
Fixed Directional Processing			•	•	•	•	•	•
Gain Adjustment Bands	12	12	12	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	Broadband	6-Channel	8-Channel	8-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								•

For a more detailed look at the Amplifier Feature Matrix, visit www.IntriCon.com.

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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.

