

APT™ D

OPEN ITC

PRODUCT FEATURES

Improved Patented Mechanical Design and Patented Changeable D-Ring Retention System

- High-tech robust design
- Very small size to reduce occlusion
- Industry-proven wax guard system

Reliant™ CLEAR Adaptive Feedback Canceller

- Our 5th generation of industry-leading AFC technology

Patented ACOUS-TAP™ Acoustic Push Button

- Eliminates the physical push button, saving size and cost

Improved Layered Noise Reduction™

- Twelve noise reduction bands

Eight-channel Wide-Dynamic-Range Compression with Dynamic Contrast Detection™

Event Data Logging

- Events are recorded and 'time stamped'
- All events will be logged in a buffer available to the fitting system
- Fitting system can present the data to help the dispenser understand usage patterns

Digital Random Noise Generator

- Can be used in mixed-mode applications: one program for masking, and another program for hearing aid use

Improved Audiometric Tone Generator

Optional Patented Sleeve for Increase Fitting Range

Available with Overtus and Audion 16 Amplifiers

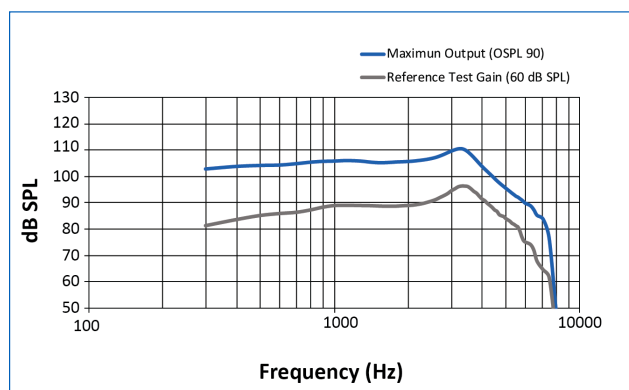


OVERTUS AMPLIFIER DATA

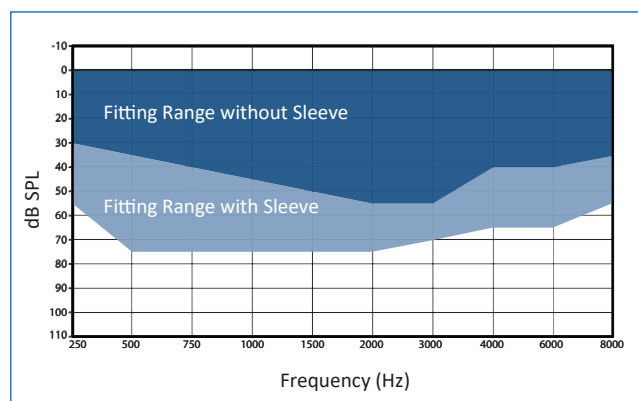
SPECIFICATION DATA

IEC 60118-7/ ANSI S3.22-2003 (2cc)	HA1 Coupler
Peak OSPL90 (dB SPL)	110
HFA OSPL90 (dB SPL)	105
Typical Peak Gain (dB)	37
HFA FOG (dB)	27
HFA Ref. Test Gain (dB)	27
Frequency Range: f1 - f2	200 - 7100
THD @ 500 Hz (%)	< 1.7
@ 800 Hz (%)	< 1.4
@ 1600 Hz (%)	< 1.7
Equivalent Input Noise (dB SPL)	< 25
Attack Time (msec)	6
Release Time (msec)	80
Battery Current Drain (mA)	1.0
Battery Life [10A Zinc Air] (hours)	85

RESPONSE CURVE



RECOMMENDED FITTING RANGE



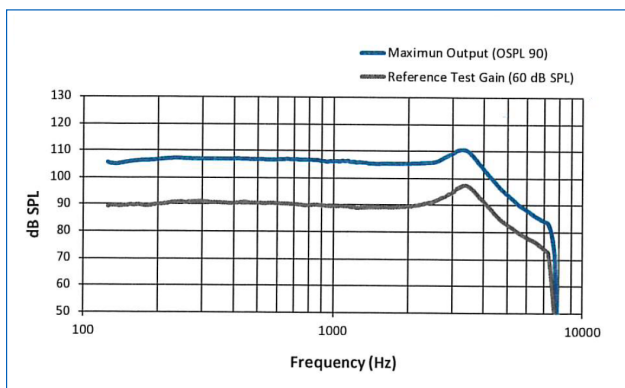
Fitting range is subject to change due to person-to-person differences as well as their optimal tubing and tip selection.

AUDION 16 AMPLIFIER DATA

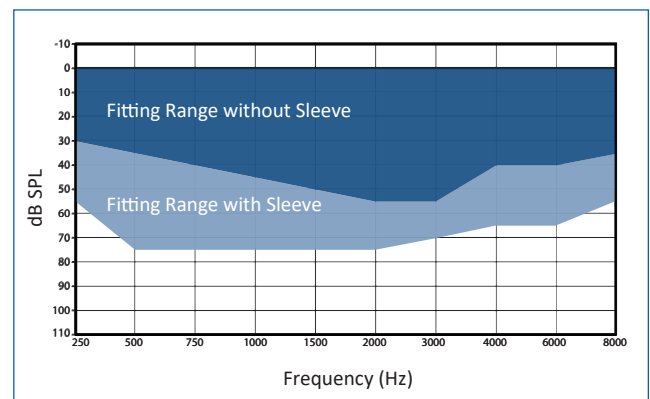
SPECIFICATION DATA

IEC 60118-7/ ANSI S3.22-2003 (2cc)	HA1 Coupler
Peak OSPL90 (dB SPL)	110
HFA OSPL90 (dB SPL)	105
Typical Peak Gain (dB)	38
HFA FOG (dB)	30
HFA Ref. Test Gain (dB)	30
Frequency Range: f1 - f2	200 - 7400
THD @ 500 Hz (%)	< 2
@ 800 Hz (%)	< 1
@ 1600 Hz (%)	< 1
Equivalent Input Noise (dB SPL)	< 27
Attack Time (msec)	6
Release Time (msec)	38
Battery Current Drain (mA)	0.9
Battery Life [10A Zinc Air] (hours)	85

RESPONSE CURVE



RECOMMENDED FITTING RANGE



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

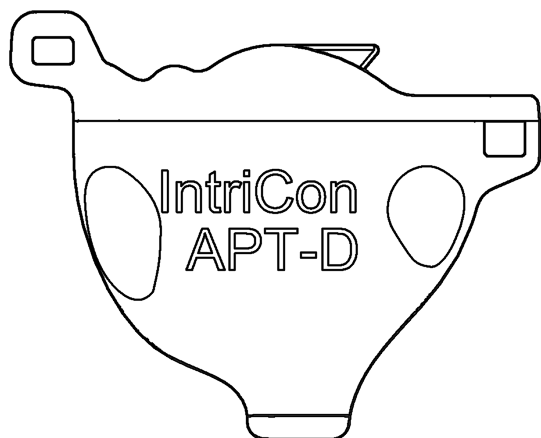
PRODUCT MARKINGS

CUSTOM MARKINGS

The APT-D allows you to create custom markings on the right and left side of the device.

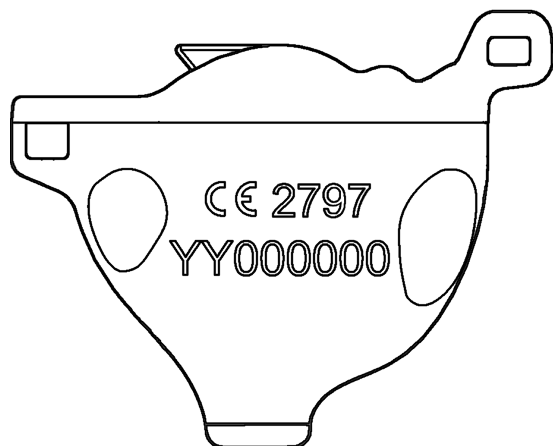
- Up to eight characters per line are available.
- Serial Number will be located on the second line on the left side of the APT-D.

A design proof will be emailed to you directly to confirm custom markings. Please contact our hearing health customer service professionals with questions or for more information.



Right Side

- Up to eight characters are available per line
- 4 PT
- Preferred Font: Arial



Left Side

- Up to eight characters are available on first line
- 4 PT
- Preferred Font: Arial
- Serial number will be issued for your device. (marked with zeroes at left)

AMPLIFIER FEATURE MATRIX

FEATURES	Overtus	Audion 16
Acous-TAP™	•	•
Adaptive Directionality		•
Audio Inputs, Number of	4	4
Compression Channels	8	16
Data Logging	•	•
Dual Biquad Filter		•
Dynamic Contrast Detection™	•	•
Feedback Managers:		
Reliant™ Adaptive Feedback Cancelling		•
Reliant™ Clear	•	
Fixed Directional Processing	•	•
Gain Adjustment Bands	12	16
High Power Compatible	•	•
In-situ Tone Generator	•	•
Low-level Expansion		•
M+T Input Mode	•	•
Maximum Power Output Limiting	8-Channel	16-Channel
Random Noise Generator	•	•
Tone Amplitude Adjustment	•	•
Tone Frequency Adjustment	•	•
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.

Contact Information:

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23018_C 11-2019 · 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.

