

ReSound Live® TS

TINNITUS SOLUTION

PRODUCT INFORMATION

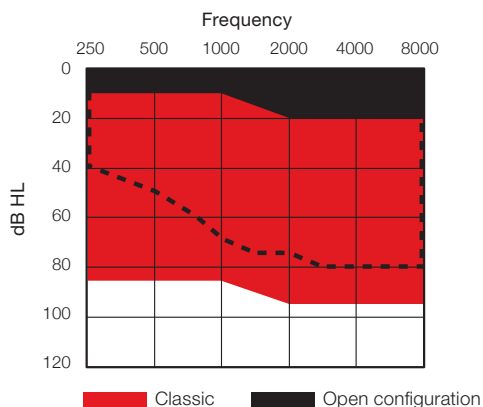
Product description

ReSound Live® TS is a new combination device that merges unmatched hearing instrument technology with a unique sound therapy feature that lowers the perception of tinnitus. ReSound Live TS takes the surround sound experience from the ReSound Live product line and adds a unique sound generator that produces an individually customizable sound that, over time, helps to reduce patients' perception of tinnitus.

Environmental Steering automatically adapts the level of the generated sound to the current listening environment. This provides optimal comfort in all situations while reducing the perception of tinnitus and allowing the patient to hear speech clearly.

An amplitude modulation feature can be activated to create an "ocean-like" noise sequence customized to the individual patient's preferences and needs. Likewise, the frequency spectrum of the sound can be customized for each patient.

Fitting range



A0971-DVI

Silhouette BTE

Key features

Sound therapy

- Tinnitus Sound Generator with frequency shaping
- Environmental Steering™
- Amplitude modulation

Awareness and localization

- Surround sound processor with integrated wind noise suppression
- Personalized blending point

Sound quality

- 17-Band Warp™ compression—extended bandwidth to 7 kHz
- Dual Stabilizer® II DFS
- WhistleControl™
- NoiseTracker™ II noise reduction

Performance in noise

- Natural Directionality™ II
- AutoScope™ adaptive directionality
- MultiScope™ adaptive directionality
- SoftSwitching™
- Fixed directionality
- EchoStop™

Ease of use

- Environmental Optimizer™
- Environmental Learner™
- Onboard Analyzer™ II datalogging
- SmartStart™

Flexible fitting capabilities

- 9 Gain handles
- Up to 4 customizable programs
- Open fitting capabilities
- Supports multiple domes and custom earmolds

Standard configuration

- iSolate™ humidity and shock protection
- Dual microphone technology
- Size 13 battery
- Power-saving chip technology
- Push button program selector
- Programmable telecoil with T/MT modes
- Programmable volume control
- Bluetooth® compatible with Beetle offered by ReSound
- Direct Audio Input (DAI)
- 3 Earhook sizes and Thin Tube adaptor
- Available in 14 colors

Fitting requirements

- Aventa™ 2.9–2.9x fitting software
- Programming boot with CS44 BTE socket cable (4-pin)
- Speedlink, NOAHlink™ or HI-PRO™ interface (Speedlink recommended)

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Technical specifications

HEARING INSTRUMENTS ANSI S3.22-2003, 2CC COUPLER

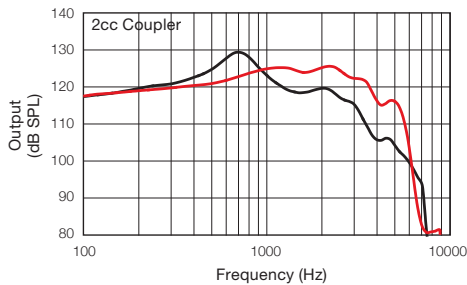
		A0971-DVI		
		Silhouette BTE		
		Classic	Open	
Reference test gain (60 dB SPL input)	HFA	47	42	dB
Full-on gain (50 dB SPL input)	Max	56	49	dB
	HFA	51	45	dB
Maximum output (90 dB SPL input)	Max	126	129	dB SPL
	HFA	125	120	dB SPL
Total harmonic distortion	500 Hz	1.7	0.5	%
	800 Hz	1.2	0.2	%
	1600 Hz	0.5	0.8	%
Telecoil sensitivity (SPLITS @31.6 mA/m, ANSI)	HFA	108	105	dB SPL
Equivalent input noise (without noise reduction)		25	26	dB SPL
Frequency range (DIN 45605)		100-6630	100-6040	Hz
Attack time (ANSI RTG -7 dB)		12	12	ms
Release time (ANSI RTG -7 dB)		70	70	ms
Current drain		0.88	0.9	mA
Typical battery life	Battery size 13	330	322	hrs

Data in accordance with ANSI S3.22-2003; Supply Voltage 1.3 V.

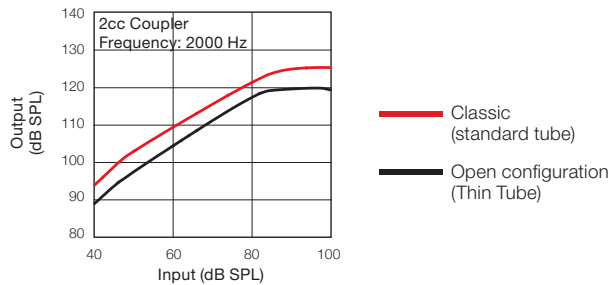
TINNITUS SOUND GENERATOR

Low-pass filter cutoff	500-2000	Hz	
High-pass filter cutoff	2000-6000	Hz	
Amplitude modulation (attenuation)	≤12	dB	
Maximum output (typical)	93	90	dB SPL

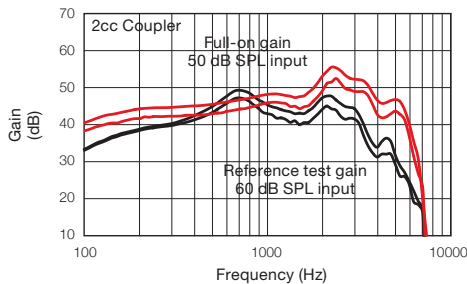
Maximum output (OSPL 90)



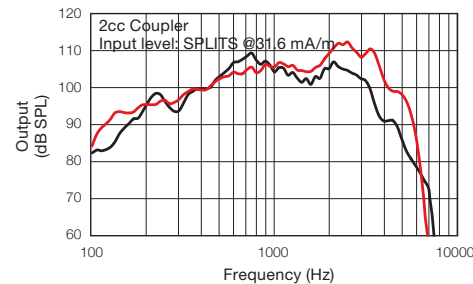
Input/Output response



Full-on and reference test gain



Telecoil response



Parameter settings*: Classic—A0971-DVI

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	46	46	46	46	47	49	46	43	43
G[80]	37	37	37	38	38	38	36	32	32

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	46	46	46	46	47	49	46	43	43
G[80]	37	37	37	38	38	38	36	32	32

Parameter settings*: Open—A0971-DVI

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	25	35	44	47	46	49	43	36	31
G[80]	22	30	37	39	39	40	33	29	26

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	25	35	44	47	46	49	43	36	31
G[80]	22	30	37	39	39	40	33	29	26

*Settings in accordance with Aventa fitting software