

ReSound Up Smart™

Because every word matters

ReSound Up Smart™ is a premium hearing aid family for children of all ages and hearing losses. It is a game changer in the way children are granted easy and direct access to the sounds they need for speech and language development. ReSound Up Smart meets or surpasses all pediatric requirements, including safety requirements.

Surround Sound by ReSound™ ensures audibility and consistently clear and comfortable sound, even at high output levels, in all listening situations, due to advanced pediatric features.

As the first pediatric Made for iPhone hearing solution, ReSound Up Smart 9, 7 and 5 receives stereo sound directly from an iPhone, iPad or iPod touch to benefit listening and language learning in more fun ways for infants and pre-schoolers, and to provide educational and social media interaction possibilities for older children and teens. And with the ReSound Smart™ app, the child or the parent can adjust the hearing aids easily, discreetly and intuitively from iOS devices.

ReSound Up Smart offers a line-up of modern and powerful wireless BTEs for mild to profound hearing losses.

Product features

- Wireless connectivity to ReSound accessories
- Wireless ear-to-ear connectivity
- Full iSolate™ nanotech coating
- Push button and programmable Volume Control
- Size 675 battery
- Battery door with integrated On/Off switch
- Advanced, auto-locking battery door
- LED visual indication
- Telecoil with T and MT modes

Options

- 12 different color combinations
- Integrated Direct Audio Input or FM
- Support Standard Earmold
- Standard hook and Baby hook

Fitting software

- Aventa fitting software version 3.10 or higher
- Wireless fitting with Airlink™
- Speedlink, HI-Pro, or NOAHLINK programming interfaces
- Integrated programming adaptor with CS44 socket cable



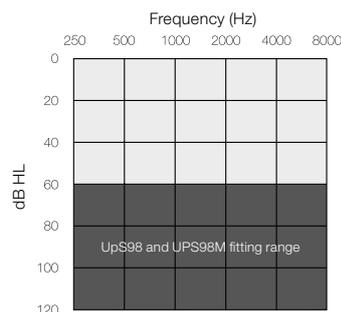
UPS998-DLW
UPS798-DLW
UPS598-DLW
UPS598M-DLW

ReSound Up Smart 9
ReSound Up Smart 7
ReSound Up Smart 5

	ReSound Up Smart 9	ReSound Up Smart 7	ReSound Up Smart 5
ReSound SmartRange chip	●	●	●
Surround Sound by ReSound			
Model			
WARP™ Compression - number of bands	17	17	9
Environmental Classifier	●	●	●
Sound Shaper™	●	●	●
Low Frequency Boost	●	⊙	○
Clean			
NoiseTracker™ II	●	⊙	○
Personalized Noise Reduction	●	●	●
WindGuard™	●	⊙	○
Expansion	●	⊙	○
Balance			
Binaural Directionality™	●	●	●
Directional Mix Processor	●	●	●
- Adjustable directional mix	●	●	●
Natural Directionality™ II	●	●	●
Synchronized SoftSwitching™	●	●	●
SoftSwitching™	●	●	●
AutoScope Adaptive Directionality™	●	●	●
MutiScope Adaptive Directionality™	●	●	●
Adaptive Directionality	●	●	●
Binaural Environmental Optimizer™ II	●	●	●
Environmental Optimizer™ II	●	●	●
Environmental Optimizer™	●	●	●
Stabilize			
DFS Ultra™ II	●	●	●
- Music Mode™	●	●	●
Auto DFS™	●	●	●
Convenience Features			
Synchronized Push Button	●	●	●
Synchronized Volume Control	●	●	●
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●	●	●
iSolate™ nanotech	●	●	●
Fitting Features			
Gain Handles	9	9	9
Fully Flexible Programs	4	4	4
Synchronized Acceptance Manager	●	●	●
Onboard Analyzer™ II	●	●	●
Amplification strategy (WDRC/Semi.linear/Linear)	●	●	○
In Situ Audiometry	●	●	●
Wireless connectivity			
2.4 GHz Wireless Technology	●	●	●
2.4 GHz ear-to-ear communication	●	●	●
Direct audio streaming (Made for iPhone)	●	●	●*
Wireless fitting with Airlink™	●	●	●
ReSound Unite™ TV Streamer 2	●	●	●
ReSound Unite™ Remote Control 2	●	●	●
ReSound Unite™ Phone Clip+	●	●	●
ReSound Micro Mic and Multi Mic	●	●	●
ReSound Control™ app (Phone Clip + is required)	●	●	●
ReSound Smart™ app	●	●	●*

*Available in UPS598M-DLW

Fitting range



ReSound Up Smart is compatible with iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Pro, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 4, iPad mini 3, iPad mini 2, iPad mini and iPod touch (5th generation) using iOS 7.X or later. Apple, the Apple logo, iPhone, iPad, iPad Air, iPad mini, iPod touch and iPad Pro are trademarks of Apple Inc., registered in the U.S. and other countries.



○ Basic
⊙ Advanced
● Ultimate

ReSound Up Smart™

UPS98-DLW
UPS598M-DLW

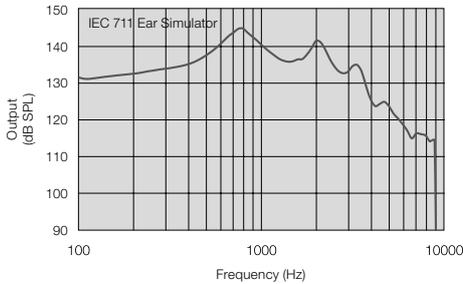
Technical specifications

		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	61	54	dB
Full-on gain (50 dB SPL input)	Max.	86	83	dB
	1600 Hz/HFA	75	69	
Maximum output (90 dB SPL input)	Max.	145	141	dB SPL
	1600 Hz/HFA	136	131	
Total harmonic distortion	500 Hz	3,5	4,0	%
	800 Hz	1,0	0,7	
	1600 Hz	1,2	0,9	
Telecoil sensitivity (1 mA/m input)	Max.	116	-	dB SPL
Full-on telecoil sensitivity @ 1mA/m	HFA	-	116	
HFA-SPLIV Telecoil sensitivity @ 31.6 mA/m(ANSI)	1600 Hz / HFA	106	101	
Equivalent input noise w/o Noise reduction		22	26	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	-	
Frequency range (DIN 45605)		100-5830	100-5860	Hz
Current Drain (Quiescent / Operating)		1.3 / 1.7	1.3 / 3.3	mA

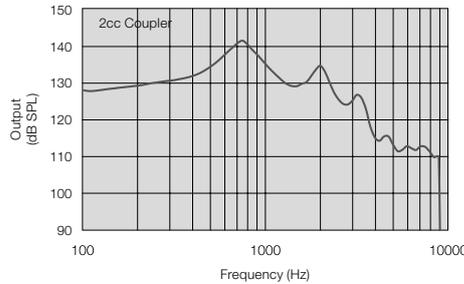
Data in accordance with IEC 60118-0, IEC 60118-7;
Supply Voltage 1.3 V.

Patents pending

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)



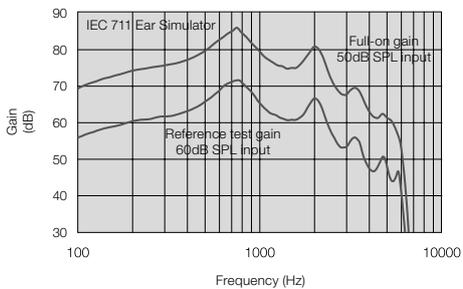
Notes:

O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

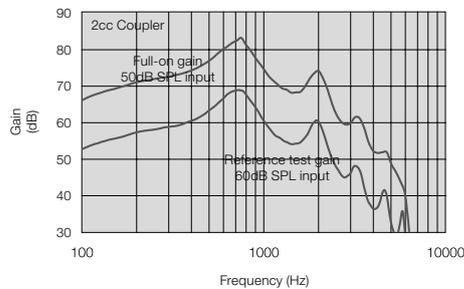
Basic settings:

Full-on Gain, Reference Test Gain
MPO = Maximum Peak Output
Maximum Band Width

Full-On and Reference Test Gain



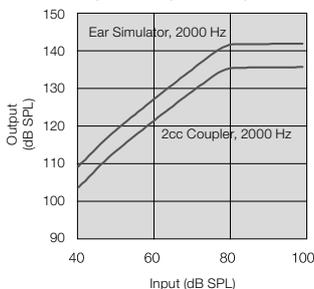
Full-On and Reference Test Gain



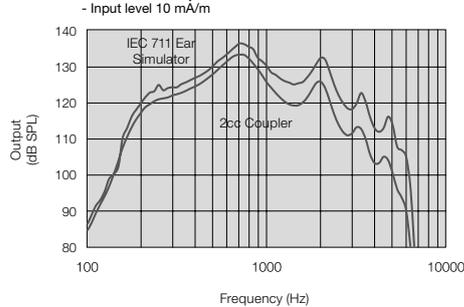
Measured according to IEC 60118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 (DIN average calculated at 500 Hz, 1000 Hz and 2000 Hz; HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise.

All specifications are subject to change without notice

Input/Output Response



Telecoil response



400312011-US-16.09-Rev.C

Manufacturer according to FDA:

ReSound North America
8001 Bloomington Freeway
Bloomington, MN 55420
1-888-735-4327
resound.com

ReSound Government Services
8001 Bloomington Freeway
Bloomington, MN 55420
1-800-392-9932
resound.com/veterans

Manufacturer according to Health Canada:

ReSound Canada
303 Supertest Road
Toronto, Ontario M3J 2M4
1-888-737-6863
resound.com

