

# 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 and 7 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. Together with the ReSound Unite™ Mini Microphone, ReSound Up Smart gives you a simple, accessible way to provide maximum exposure to speech for children of all ages.

ReSound UP Smart offers a lineup of modern and powerful wireless BTEs for mild to profound hearing losses with attractive color options.

## Product Features

- Wireless connectivity to ReSound Unite accessories
- Wireless device-to-device 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 colour combinations
- Battery integrated Direct Audio Input or FM
- Support Standard Earmold
- Standard hook and Baby hook

## Fitting Software

- Aventa fitting software version 3.7 or higher
- Wireless fitting with Airlink™
- Speedlink, HI-Pro, or NOAHlink programming interfaces
- Battery integrated programming adaptor with CS44 socket cable



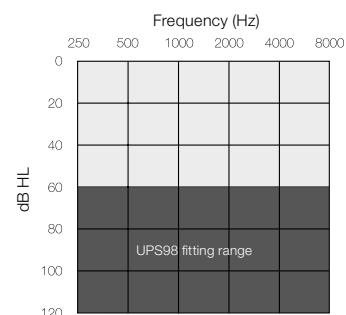
UPS998-DLW  
UPS798-DLW  
UPS598-DLW

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	●	●	●
<b>Surround Sound by ReSound</b>			
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™	●	●	●
<b>Convenience Features</b>			
Synchronized Push Button	●	●	●
Synchronized Volume Control	●	●	●
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●	●	●
iSolate™ nanotech	●	●	●
<b>Fitting Features</b>			
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	●	●	●
<b>Wireless connectivity</b>			
2.4 GHz Wireless Technology	●	●	●
2.4 GHz Device-to-Device 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 Unite™ Mini Microphone	●	●	●
ReSound Control™ app (Phone Clip + is required)	●	●	●
ReSound Smart™ app	●	●	●

○ Basic  
⊙ Advanced  
● Ultimate

## Fitting Range



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

ReSound

rediscover hearing

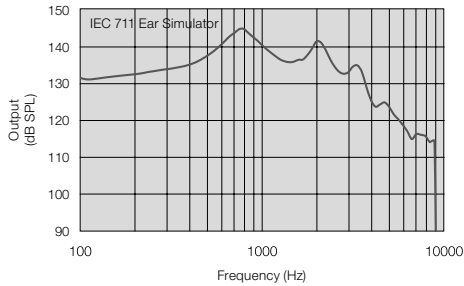
# ReSound Up Smart™

## Technical specifications

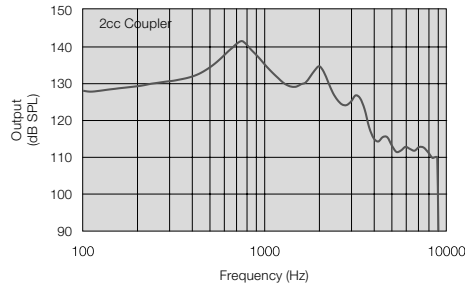
		UPS98-DLW		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	61	54	dB
Full-on gain (50 dB SPL input)	Max.	86	83	dB
	1600 Hz/HFA	75	69	
Maximum output (90 dB SPL input)	Max.	145	141	dB SPL
	1600 Hz/HFA	136	131	
Total harmonic distortion	500 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.

Maximum Output (OSPL 90)



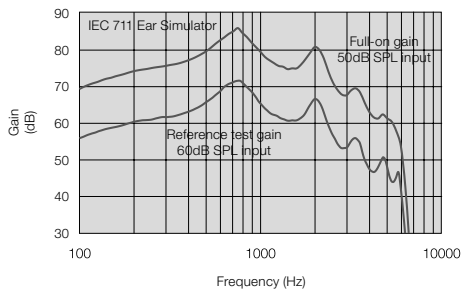
Maximum Output (OSPL 90)



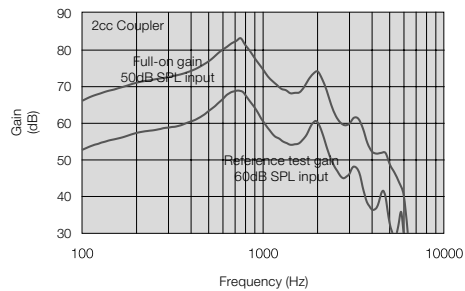
**Notes:**  
O.E.S. = Occluded Ear Simulator  
2cc = 2 cm<sup>3</sup> coupler  
Pi = Acoustic input signal

**Basic settings:**  
Full-on Gain, Reference Test Gain  
MPO = Maximum Peak Output  
Maximum Band Width

Full-On and Reference Test Gain

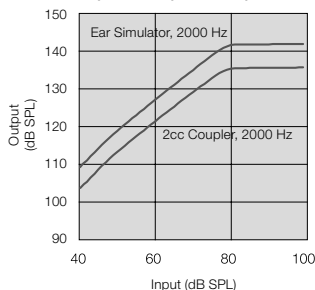


Full-On and Reference Test Gain

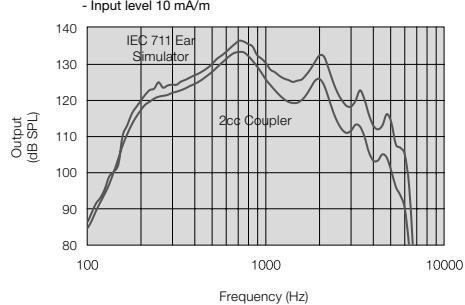


Measured according to IEC 60118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 (DIN average calculated at 500 Hz, 1000 Hz and 2000 Hz; HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL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

Input/Output Response



Telecoil response



Patents pending

All specifications are subject to change without notice

400312000-GB-14.08-Rev.C

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