

ReSound Sparx™ – just the way you want it



SP90

A choice of colours ...



Beige



Sparx blue



Dark brown



Cool gray



Sparx red

	Features	Advantages	Benefits
Sound quality	9-band Warp™	Fast sound processing and accurate resolution across all frequencies without artifacts and distortion	Great sound quality
	Feedback Manager	Excellent usable gain among competitors with strong DFS	Something to prevent whistling and ringing with so much output
	Multi-channel MPO	Choice of customizing max power output in 6 channels	Maximizes the power level to each listening situation
Functionality	Output and Gain	86 dB Gain and 145 dB SPL - among strongest in Output and Gain	Takes care of even the most severe to profound HL
	Linear or WDRC	Choice of 2 customized compression	Gives as much power as is needed or a softer more comfortable sound
	Reliable hardware	Simple, functional controls with stable sound performance	Easy to operate Volume control and push button with reliable housing

ReSound Sparx™



Worldwide headquarters
GN ReSound A/S
Lautrupbjerg 7
DK-2750 Ballerup
Denmark
Tel.: + 45 45 75 11 11
Fax: + 45 45 75 11 19
www.resound.com

Australia
GN ReSound Pty. Ltd.
Unit R1 Regents Park Estate
391 Park Road
Regents Park NSW 2143
Tel.: (free) 1800 658 955
Fax: +61 2 9743 7472
www.gnresound.com.au

New Zealand
GN ReSound (NZ) Ltd.
12 Parkway Drive
Mairangi Bay
Auckland
Tel.: (free) 0800 900 126
Fax: (free) 0800 007 695
www.gnresound.co.nz

United Kingdom
GN ReSound Ltd.
1 Landscape Close
Weston Business Park
Weston-on-the-Green
Oxon OX25 3SX
Tel.: +44 1869 352 800
Fax: +44 1869 343 466
www.gnresound.co.uk

Canada
GN ReSound Canada
303 Supertest Road
Toronto, Ontario
CANADA M3J 2M4
Tel.: +1 888 737 6863
Fax: +1 800 666 4089
canada@gnresound.com
www.gnresound.ca

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ReSound Sparx™

The sound of super-power

True super-power with extra gain:

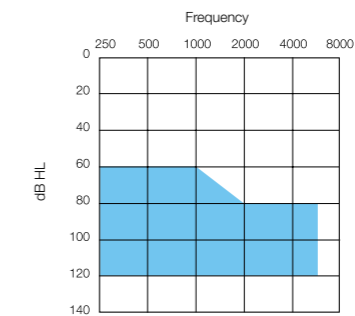
- The **most powerful** super-power instrument on the market (146 dB SPL Peak Output and 86 dB Max Gain)
- **Excellent DFS**
- The **most usable gain** in the category with up to 20 dB of extra headroom
- **Multi-channel MPO**: Six customizable handles
- **Output compression options**: Choice of maximum power or smoother sound quality at maximum outputs

..and quality of sound beyond comparison:

- **9-band Warp™ Sound Processor** provides excellent sound quality with superior frequency resolution (especially in the important low frequencies for Severe to Profound Hearing Loss)
- **Choice of linear or WDRC sound processing**

ReSound Sparx has been specially designed with the needs of super-power users in mind using the best of ReSound's technologies and expertise

Price segment: Basic



IEC 60118-0
IEC 711
Ear simulator

IEC 60118-7
2cc coupler

Technical specifications

Parameter	Test Condition	IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 2cc coupler
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	64 dB	56 dB
Full-On-Gain (50 dB SPL Input)	Max	86 dB	81 dB
	1600 Hz/HFA	77 dB	73 dB
Full-On-Gain (50 dB SPL Input) - damped tone tube	Max	82 dB	78 dB
	1600 Hz/HFA	78 dB	71 dB
Maximum Output (90 dB SPL Input)	Max	145 dB SPL	141 dB SPL
	1600 Hz/HFA	138 dB SPL	133 dB SPL
Maximum Output (90 dB SPL Input) - damped tone tube	Max	140 dB SPL	135 dB SPL
	1600 Hz/HFA	137 dB SPL	131 dB SPL
Total Harmonic Distortion	500 Hz	4.4 %	2.0 %
	800 Hz	2.0 %	0.6 %
	1600 Hz	1.4 %	1.0 %
Telecoil sensitivity (118-0: 1mA/m; 118-7: 31.6mA/m)	Max/HFA	115 dB SPL	116 dB SPL
Telecoil sensitivity (118-0: 1mA/m; 118-7: 31.6mA/m) - damped tone tube	Max/HFA	110 dB SPL	114 dB SPL
Equivalent Input Noise, w/o Noise reduction		28 dB SPL	27 dB SPL
Frequency Range (DIN 45605)		180-5040 Hz	120-4810 Hz
Current Drain		0.92 mA	2.5 mA
Typical Battery Life Time (Battery type 675)		685 hrs	252 hrs

Key features

For Severe to Profound Hearing Loss	•
9-band Warp™ Sound Processing	•
6 Gain Handles	•
6th generation Dual Stabilizer™ II DFS Feedback Cancellation	•
NoiseTracker II Noise Reduction	•
Selection of Amplification Scheme:	
Linear mode	•
WDRC	•
Multi-Channel MPO	
Improved Receiver with Lower Impedance & Low Frequency Boost	•
Low Battery Consumption Chip Technology	•
Analogue Volume wheel with numbers 1-4	•
Up to 3 programs	•
Programmable Telecoil with T & MT mode	•
Low Battery Warning Indicator	•
Acoustic Indicator for Programme	•

Optional Configuration

FM link compatible Audio Shoe	•
Volume wheel cover	•
Cros/BiCros	•
Spectacle Adaptor	•
6dB Damped Adult or Baby tone tube	•
Undamped Adult or Baby tone tube	•

