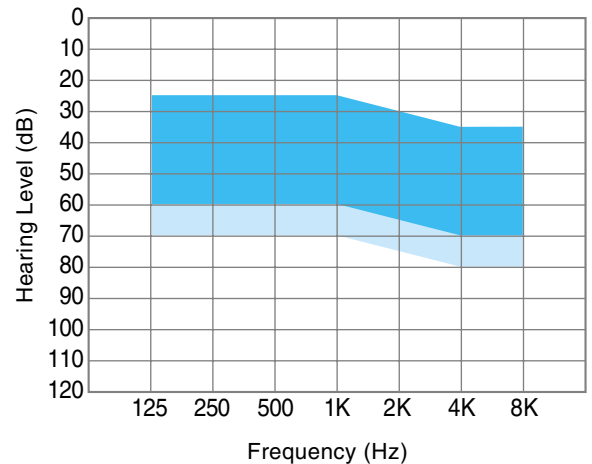


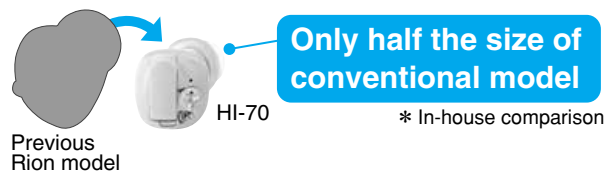


Fitting Range



- **Amazingly small**

Thanks to its ultra-compact dimensions, the unit fits snugly in the ear.



- **Superb sound**

Distortion is minimized over the entire range from very low to very high levels, resulting in pleasing, agreeable sound.

- **Convenient "either way" feature**

The unit automatically detects battery $\oplus\ominus$ polarity, allowing the user to insert the battery without having to worry about correct orientation.

- **Power saving design**

Although the battery is smaller, it will last about 15 percent longer *than conventional canal aids, thanks to a sophisticated power saving circuit design. * In-house comparison

- **Immediately ready for use**

You can start using the hearing aid right from the day of purchase.

- **IPerfect for dual-ear use**

The HI-70 is available in configurations for left ear and right ear.



Dual-ear use further enhances effectiveness

We determine the distance and position of a sound source by using both ears. Speech clarity is also improved when both ears contribute to the listening process. If appropriate, wearing a hearing aid in both ears allows well-balanced and competent hearing.

Specifications

TECHNICAL DATA (According to ANSI standard S3.22 1996)

Maximum-OSPL90	111 dB	
HFA-OSPL90	109 dB	
HFA-full-on gain	32 dB	
Reference test gain	32 dB	
Frequency range	200 Hz to 5500 Hz	
Equivalent input noise level	28 dB	
Total harmonic distortion	500Hz	3 %
	800Hz	3 %
	1600Hz	3 %
Operating switch	Case switch	
Tone control	TONE H	
Gain control	MAIN: range 35 dB	
Battery type	10	
Supply voltage / Battery current	1.3 V / 0.5 mA	
Battery life	170 h	
Dimensions	1.18×1.12×2.11 cm	
Weight (excluding battery)	1.1 g	

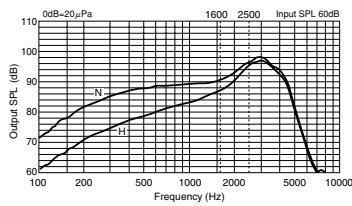
(Typical value)

TECHNICAL DATA (According to IEC standard Pub.60118-0-1983 Amendment 1-1994)

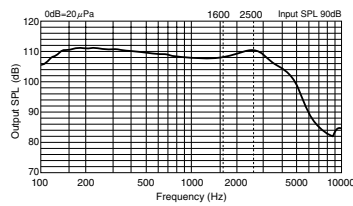
Reference test frequency	1600 Hz	
OSPL ₉₀		115 dB
	500Hz	113 dB
	Peak	120 dB
Full on acoustic gain	38 dB	
Equivalent input noise level	29 dB	
Total harmonic distortion	500Hz	2.5 %
	800Hz	3.5 %
	1600Hz	1.5 %
Operating switch	Case switch	
Tone control	TONE H	
Gain control	MAIN: range 35 dB	
Battery type	PR536	
Supply voltage / Battery current	1.3 V / 0.42 mA	
Battery life	170 h	
Dimensions	1.18×1.12×2.11 cm	
Weight (excluding battery)	1.1 g	

(Typical value)

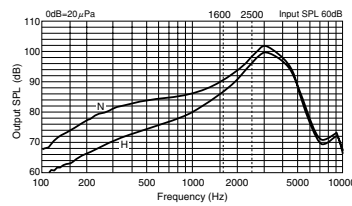
Frequency response curve and effect of tone control



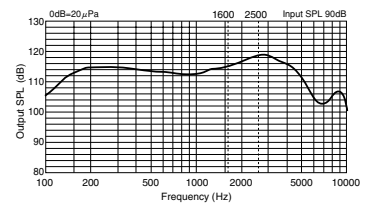
OSPL90 curve



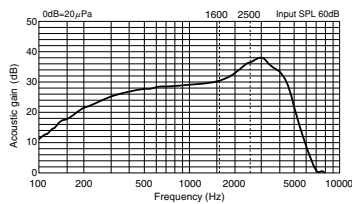
Basic frequency response curve and effect of tone control



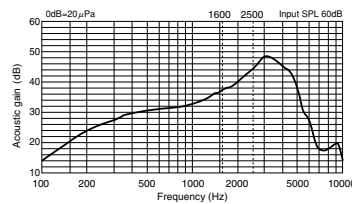
OSPL₉₀ curve



Full-on gain curve



Full-on acoustic gain frequency response curve



Specifications subject to change without notice

RION CO., LTD.

20-41, Higashimotomachi 3-chome, Kokubunji, Tokyo 185-8533, Japan
 Telephone: +81-42-359-7862 Fax: +81-42-359-7441
 URL: <http://www.rion.co.jp/>

Distributed by: