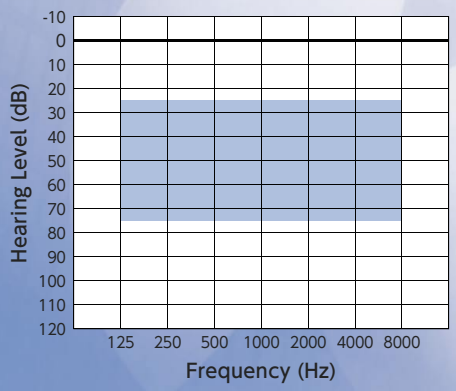
Rion Hearing Instrument

HB-24

Fitting Range



1. Water resistant technology applied to housing design against moisture

2. Easy-to-use operating switch with small case design

3. One of the most inexpensive hearing instruments with superior quality

RION CO., LTD.

TECHNICAL DATA (According to ANSI S3.22 2009)

Maximum OSPL90	127 dB(1200 Hz)
HFA-OSPL90	119 dB
HFA-full-on Acoustic Gain	46 dB
Reference Test Gain	42 dB
Frequency Range	230 Hz to 4300 Hz
Equivalent Input Noise	27 dB
Total Harmonic Distortion	800 Hz: 19%, 1600 Hz: 9%
Range of Volume Control	40 dB
Input Switch	O-T-M
Output Limiting Control	None
Tone Switch	None
HFA-SPLITS(HFA-SPLIV)	72 dB(94 dB at 31.6 mA/m)
AGC(Attack/Recovery Time)	None
Battery Type	PR48(13) / 1.4V
Battery Current / Battery Life	1.3 mA / 177 hour
Dimensions / Weight	3.6 × 1.3 × 0.88 cm,4.2 g (excluding battery)

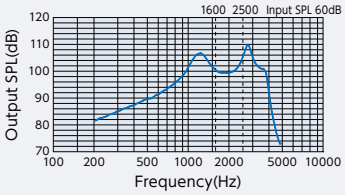
(Typical value)

TECHNICAL DATA (According to IEC 60118-7: 2005)

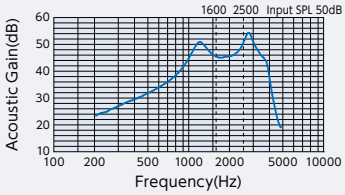
Maximum OSPL90	127 dB(1200 Hz)
HFA-OSPL90	119 dB
Maximum-Full-on Acoustic Gain	58 dB(2800 Hz)
HFA-full-on Gain	46 dB
Reference Test Gain	42 dB
Bandwidth frequencies	f_1 = 230 Hz to f_2 = 4300 Hz
Equivalent Input Noise Level	27 dB
Total Harmonic Distortion	800 Hz: 19%, 1600 Hz: 9%
Range of Volume Control	40 dB
Input Switch	O-T-M
Output Limiting Control	None
Tone Switch	None
Equivalent test loop sensitivity(ETLS)	-9 dB
Maximum magneto acoustical sensitivity level(MASL)	71 dB at 1 mA/m
AGC(Attack/Recovery Time)	None
Battery Type	PR48(13) / 1.4V
Battery Current / Battery Life	1.3 mA / 177 hour
Dimensions / Weight	3.6 × 1.3 × 0.88 cm, 4.2 g (excluding battery)

(Typical value)

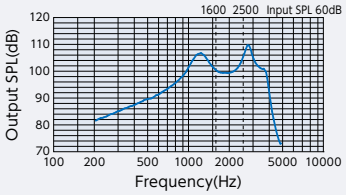
● Frequency response curve



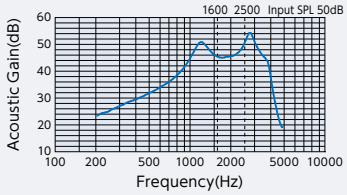
● Full-on gain curve



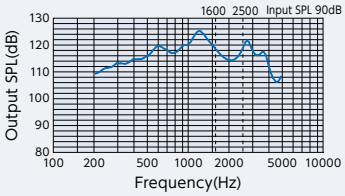
● Basic frequency response curve



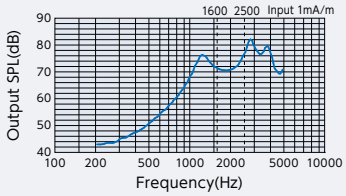
● Full-on acoustic gain frequency response curve



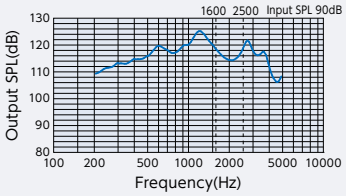
● OSPL90 curve



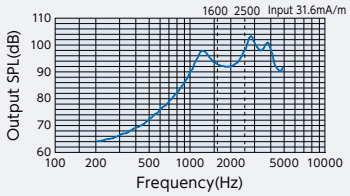
● SPILITS response curve



● OSPL90 frequency response curve



● Induction coil input characteristics



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
http://www.rion.co.jp/english

Distributed by:

Printed in Japan '13.4 1K TR