# Beltone **Amaze™**



## Product Description

The Beltone Amaze Microphone-In-Helix (MIH) model has three receiver power levels to select: Medium (MP), High (HP), and Ultra (UP).

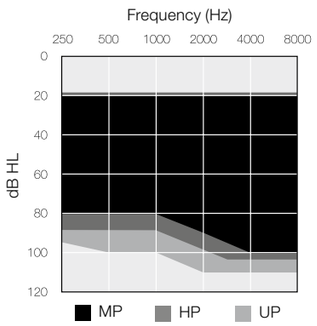
The Beltone Amaze product platform offers an extended bandwidth of up to 9.5 kHz, a higher input dynamic range of up to 116 dB SPL, and a strong base of CrossLink Directionality 2, a functionality that closely monitors surroundings and automatically switches to the most natural speech focus settings. This product therefore offers a truly amazing and individual hearing experience in all situations with a clearer, fuller, and richer sound quality.

The 6th generation 2.4 GHz wireless functionality allows cloud connectivity with Beltone Remote Care, enabling the hearing aids to communicate with each other. Direct audio streaming from iOS and Android™* devices is available for Beltone Amaze hearing aids. Telecoil is optionable for the MIH-WT models.

Beltone Amaze MIH hearing aids are HPF80 NanoBlock-coated for optimum durability.

*Compatible from Android version 10 and Bluetooth® 5.0 with the Android streaming to hearing aids feature.

Fitting Range - Closed




| Model | AMZ17-MIH-W<br>AMZ17-MIH-WT | AMZ9-MIH-W<br>AMZ9-MIH-WT | AMZ6-MIH-W<br>AMZ6-MIH-WT |
|---|---|---|---|
| **Device Configurations** | | | |
| Battery | 312/13 | | |
| Power levels | MP, HP & UP | | |
| **Audiological Features** | | | |
| Curvilinear Rapid (WDRC) | 17 | 14 | 12 |
| Smart Gain Pro | ● | | |
| Smart Gain | | ● | |
| Sound Cleaner Pro | ● | ⦿ | |
| Sound Cleaner | | | ● |
| Silencer | ● | ● | ● |
| Impulse Noise Reduction | ● | ● | |
| Sound Shifter | ● | ● | ● |
| Feedback Eraser with WhistleStop | ● | | |
| Feedback Eraser | | ⦿ | ○ |
| AFX Music Mode | ● | ● | ● |
| Synchronized Satisfy | ● | ● | ● |
| Low Frequency Boost (Only UP) | ● | ● | ○ |
| Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP) | ● | ● | ⦿ |
| Tinnitus Breaker Pro | ● | ● | ● |
| **Functional Features** | | | |
| Synchronized Push Button * | ● | ● | ● |
| Delayed Activation | ● | ● | ● |
| Auto-Phone | ● | ● | ● |
| Asymmetric Phone Handling | ● | ● | ● |
| Ear to Ear Communication | ● | ● | ● |
| Direct audio streaming | ● | ● | ● |
| Beltone Direct TV Link 2, myPAL Pro and Micro, Phone Link 2, Remote Control & Remote Control 2 | ● | ● | ● |
| Beltone HearMax™ app | ● | ● | ● |
| **Beltone Remote Care** | | | |
| Remote Fine Tuning | ● | ● | ● |
| Remote Firmware Updates | ● | ● | ● |
| **Fitting Features** | | | |
| Beltone Solus Max™ 1.6 or higher | ● | ● | ● |
| Fully Flexible Programs | 4 | 4 | 4 |
| Safeguard Feedback Control | ● | ● | ● |
| Satisfaction Journal | ● | ● | ● |
| Noahlink Wireless | ● | ● | ● |

* Also including functionality for synchronized Push Button Volume Control

○ Basic Settings
⦿ Advanced Settings
● Ultimate Settings

Patents pending

All specifications are subject to change without notice

40116900GB-19.12-Rev.C

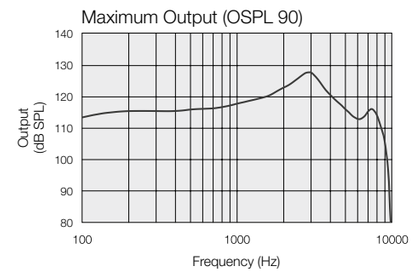
## Technical Specifications

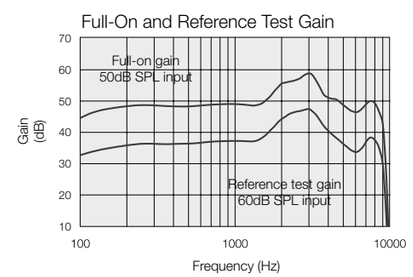
| | | MP<br>IEC 60118-0:<br>1983_AMD1:1994<br>IEC 711<br>Ear simulator | MP<br>ANSI S3.22-2014<br>IEC 60118-0:2015<br>JIS C 5512: 2015<br>2cc coupler | |
|---|---|---|---|---|
| Reference test gain (60 dB SPL input) | 1600 Hz/HFA | 39 | 37 | dB |
| Full-on gain (50 dB SPL input) | Max.<br>1600 Hz/HFA | 59<br>50 | 50<br>45 | dB |
| Maximum output (90 dB SPL input) | Max.<br>1600 Hz/HFA | 128<br>120 | 118<br>114 | dB SPL |
| Total harmonic distortion | 500 Hz<br>800 Hz<br>1600 Hz<br>3200 Hz | 0.4<br>0.7<br>0.6<br>- | 0.3<br>0.4<br>0.5<br>0.3 | % |
| Telecoil sensitivity (1 mA/m input) *<br>HFA - SPLIV @ 31.6 mA/m (ANSI)<br>Full-on telecoil sensitivity @ 1mA/m | Max.<br>HFA<br>1600 Hz/HFA | 90<br>103<br>82 | 79<br>98<br>76 | dB SPL |
| Equivalent input noise, w/o Noise reduction<br>1/3 Octave Equivalent input noise, w/o Noise reduction | <br>1600 Hz | 25<br>10 | 23<br>10 | dB SPL |
| Frequency range IEC 60118-0: 2015 | | 100-9510** | 100-8770 | Hz |
| Current Drain (Quiescent / Operating) | | 1.17/1.19 | 1.17/1.31 | mA |

Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

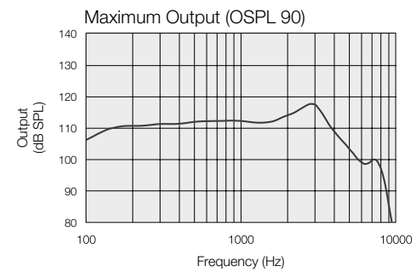
* Telecoil is only optionable for the MIH-WT-models.
** Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

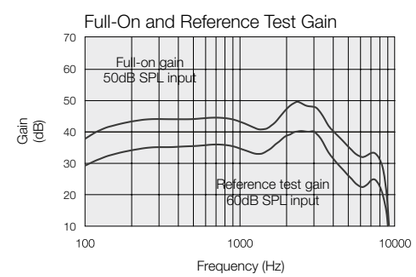
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

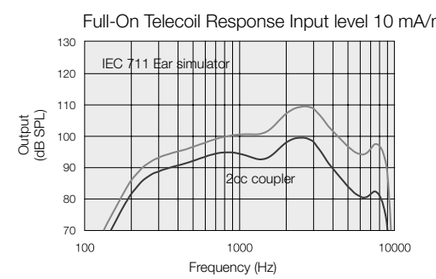



ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler





**Worldwide Headquarters**
Beltone A/S
Lautrupbjerg 7
DK-2750 Ballerup,
Denmark
Tel.: +45 45 75 11 11
beltone.com

**Australia**
GN Hearing Australia Pty Ltd
Gate C, 19-25 Khartoum Road
Macquarie Technology Park
Macquarie Park NSW 2113
Tel.: (free) 1800 658 955
beltone.com/en-au

**New Zealand**
GN Hearing New Zealand Limited
Ground Floor, North Entrance
4 Fred Thomas Drive
Takapuna, Auckland, 0622
Tel.: (free) 0800 900 126
beltone.com

CVR no. 55082715


Made for iPhone | iPad | iPod


© 2019 GN Hearing Care Corporation. All rights reserved. Beltone is a trademark of GN Hearing Care Corporation. Apple, the Apple logo, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google LLC.
The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.


Beltone™

Beltone™

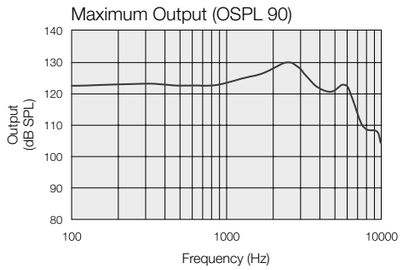
# Technical Specifications

| | | HP | | |
|---|---|---|---|---|
| | | IEC 60118-0: 1983_ AMD1:1994 IEC 711 Ear simulator | ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler | |
| Reference test gain (60 dB SPL input) | 1600 Hz/HFA | 47 | 42 | dB |
| Full-on gain (50 dB SPL input) | Max.<br>1600 Hz/HFA | 69<br>58 | 60<br>53 | dB |
| Maximum output (90 dB SPL input) | Max.<br>1600 Hz/HFA | 130<br>126 | 120<br>119 | dB SPL |
| Total harmonic distortion | 500 Hz<br>800 Hz<br>1600 Hz<br>3200 Hz | 0.8<br>1.9<br>0.8<br>- | 0.5<br>0.8<br>0.6<br>0.2 | % |
| Telecoil sensitivity (1 mA/m input) *<br>HFA - SPLIV @ 31.6 mA/m (ANSI)<br>Full-on telecoil sensitivity @ 1mA/m | Max.<br>HFA<br>1600 Hz/HFA | 100<br>111<br>90 | 91<br>103<br>84 | dB SPL |
| Equivalent input noise, w/o Noise reduction<br>1/3 Octave Equivalent input noise, w/o Noise reduction | <br>1600 Hz | 26<br>11 | 24<br>11 | dB SPL |
| Frequency range IEC 60118-0: 2015 | | 100-7390 ** | 100-6710 | Hz |
| Current Drain (Quiescent / Operating) | | 1.15/1.18 | 1.15/1.25 | mA |

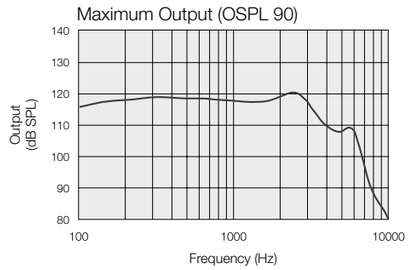
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

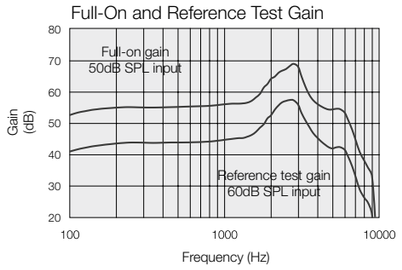
* Telecoil is only optionable for the MIH-WT-models.
**Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

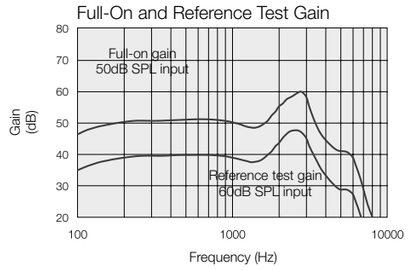
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

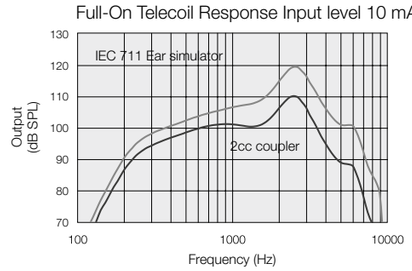



ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler




Patents pending

All specifications are subject to change without notice

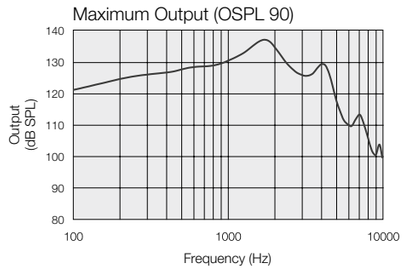
# Technical Specifications

| | | UP | | |
|---|---|---|---|---|
| | | IEC 60118-0: 1983_ AMD1:1994 IEC 711 Ear simulator | ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler | |
| Reference test gain (60 dB SPL input) | 1600 Hz/HFA | 60 | 47 | dB |
| Full-on gain (50 dB SPL input) | Max.<br>1600 Hz/HFA | 78<br>70 | 70<br>62 | dB |
| Maximum output (90 dB SPL input) | Max.<br>1600 Hz/HFA | 137<br>137 | 129<br>124 | dB SPL |
| Total harmonic distortion | 500 Hz<br>800 Hz<br>1600 Hz<br>3200 Hz | 0.4<br>1.0<br>0.2 | 0.4<br>0.5<br>0.1<br>0.1 | % |
| Telecoil sensitivity (1 mA/m input) *<br>HFA - SPLIV @ 31.6 mA/m (ANSI)<br>Full-on telecoil sensitivity @ 1mA/m | Max.<br>HFA<br>1600 Hz/HFA | 109<br>119<br>103 | 100<br>109<br>93 | dB SPL |
| Equivalent input noise, w/o Noise reduction<br>1/3 Octave Equivalent input noise, w/o Noise reduction | <br>1600 Hz | 20<br>12 | 23<br>13 | dB SPL |
| Frequency range IEC 60118-0: 2015 | | 100-7390 ** | 100-4810 | Hz |
| Current Drain (Quiescent / Operating) | | 1.17/1.24 | 1.17/1.21 | mA |

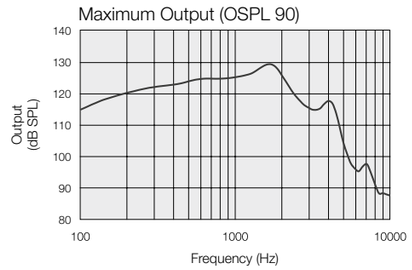
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

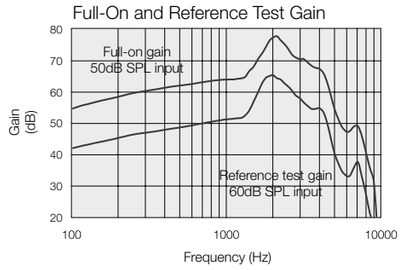
* Telecoil is only optionable for the MIH-WT-models.
**Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

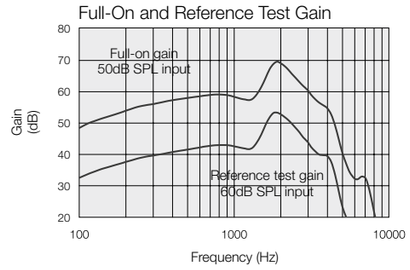
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

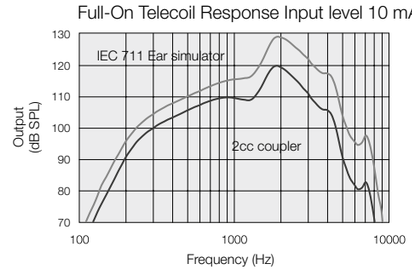



ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler




Patents pending

All specifications are subject to change without notice