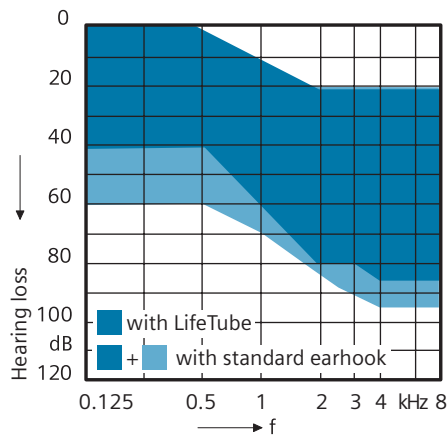


# ARTIS™ Life

## Technical Information for Behind-the-Ear Hearing Instruments



**Fitting Range**



Premium Features
<ul style="list-style-type: none"> <li>Fully digital 12-channel BTE instruments</li> <li>For mild through moderate hearing loss, ski-slope hearing loss and first wearers</li> <li>Sleek micro-BTE design with no controls on the housing</li> <li>Very thin and inconspicuous LifeTube for right and left sides, available in various lengths and depths</li> <li>High-speed automatic feedback cancellation</li> <li>Adaptive noise reduction and adaptive speech enhancement in 12 channels</li> <li>Efficient fitting with workflow oriented CONNEXX™ software</li> </ul>

Standard Features
<ul style="list-style-type: none"> <li>Audible signal indicators for low battery voltage</li> <li>Nanocoated BTE housing repels water, sweat, and other adherents for easy cleaning and enhanced reliability</li> <li>Battery compartment with ON/OFF function</li> </ul>

Options
<ul style="list-style-type: none"> <li>Housing in beige, tobacco, gray, granite, black, silver, and transparent</li> </ul>

Accessories
<ul style="list-style-type: none"> <li>Life Fitting Set including LifeTips, LifeTubes, LifeTube Selector, and other fitting accessories</li> <li>Refill sets for the Life Fitting Set</li> <li>Standard earhook with damper</li> </ul>

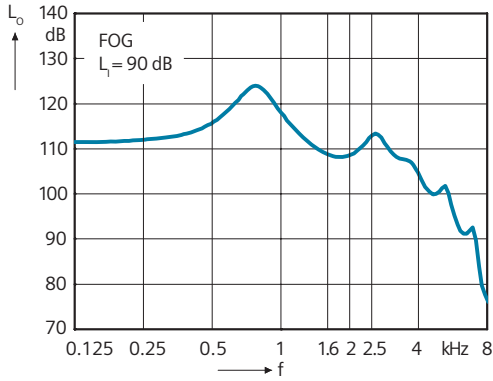
	Standard ANSI S3.22-1996	
	Standard Earhook	LifeTube*
<b>Output Sound Pressure Level</b>		
Peak	123 dB	123 dB
HF-Average OSPL 90	119 dB	112 dB
<b>Gain (Input 50 dB)</b>		
Peak	50 dB	42 dB
HF-Average	40 dB	34 dB
Reference test gain	42 dB	35 dB
<b>Frequency Range</b>		
Low frequency limit	130 Hz	110 Hz
High frequency limit	6300 Hz	6500 Hz
<b>Total Harmonic Distortion</b>		
500 Hz	1%	1%
800 Hz	2%	1%
1600 Hz	2%	2%
<b>Equivalent Input Noise</b>	18 dB	18 dB
<b>AGC-O</b>		
Attack time	5 ms	5 ms
Release time	90 ms	90 ms
<b>Battery</b>		
Type	312 Cell Zinc-Air	312 Cell Zinc-Air
Voltage	1.3V	1.3V
Current Drain	1.0 mA	1.0 mA
Typical Life	~120 h	~120 h

\*Measured with LifeTube 2  
 Measure instructions: Instrument in linear setting, with Life Tube. Input signal: Sinus Burst; Frequency: 2500 Hz; Low Level: 33 dB; High Level: 60 dB, Interval: 250 ms; On-Time: 125 ms.

# Basic Data with LifeTube

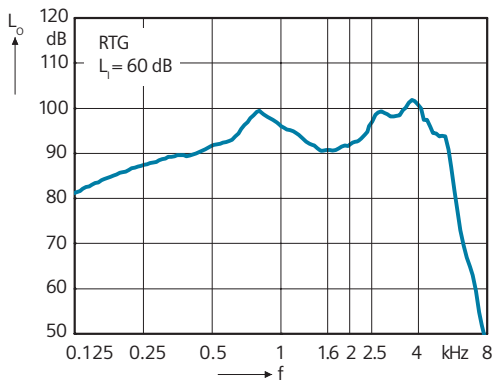
## Output Sound Pressure Level

ANSI S3.22-1996



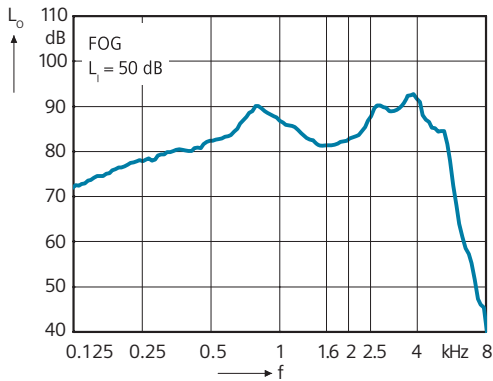
## Basic Acoustic Response

ANSI S3.22-1996



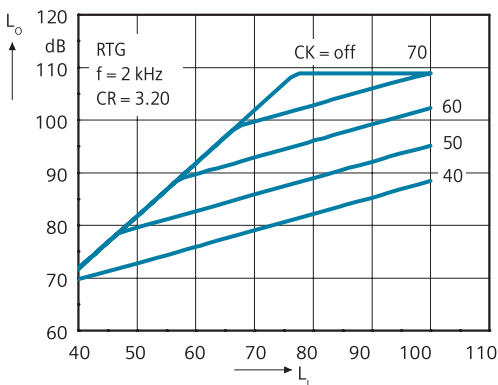
## Maximum Gain

ANSI S3.22-1996



## Input/Output Effect of CK-Control

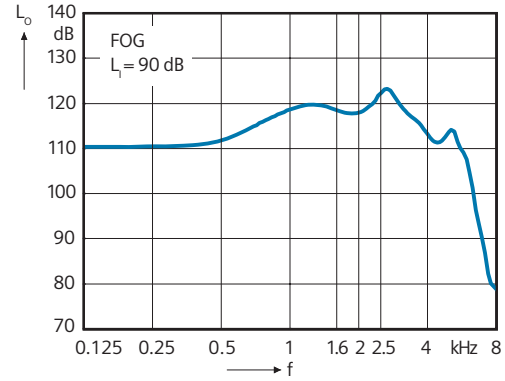
ANSI S3.22-1996



# Basic Data with Earhook

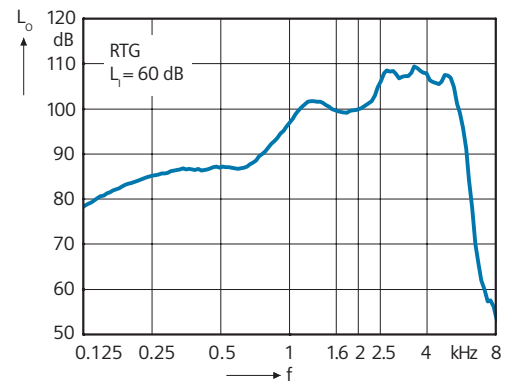
## Output Sound Pressure Level

ANSI S3.22-1996



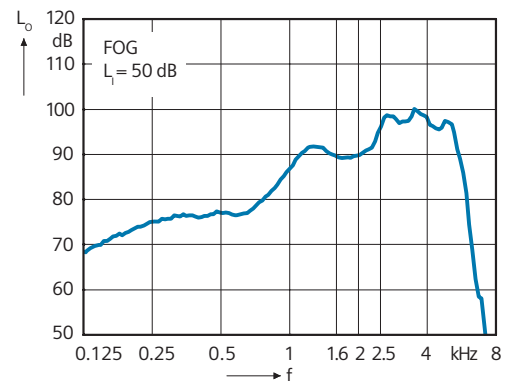
## Basic Acoustic Response

ANSI S3.22-1996



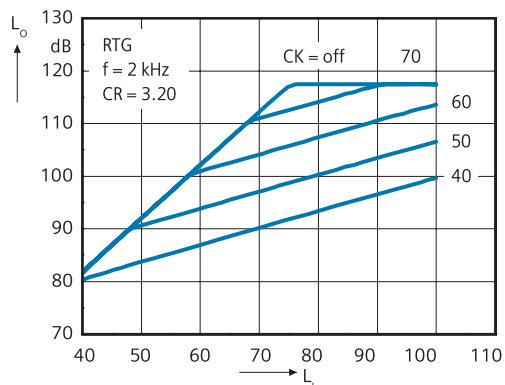
## Maximum Gain

ANSI S3.22-1996



## Input/Output Effect of CK-Control

ANSI S3.22-1996



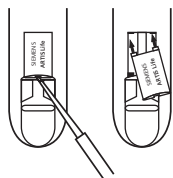
# Fitting Information

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## Programming Socket

The programming socket lies under a flap below the program button. Use a suitable tool to open the flap. When the programming procedure is complete, close the flap using your finger.



## Changing the Typeplates

To mark the left and right side of your ARTIS Life instruments when fitting binaurally, exchange the housing colored typeplates on the inner curve of the instruments for blue (left) and red (right). Use a suitable tool to lift and remove the typeplate. Lock the two pins on the new typeplate into the openings and press gently into position with your finger.



## Earhook

A traditional dampened earhook is an available option.

## Life Fitting Set

The Life Fitting Set includes all parts and tools necessary for fitting ARTIS Life in a convenient carrying case. Refills for all parts are available through Siemens.

## **Siemens Hearing Instruments, Inc. locations**

### **United States Headquarters/Northeast Manufacturing Facility:**

10 Constitution Avenue, P.O. Box 1397, Piscataway, NJ 08855-1397 • (732) 562-6600 or (800) 766-4500

**Midwest Manufacturing Facility:** (847) 808-1200 or (800) 333-9083

**South Manufacturing Facility:** (770) 422-4540 or (800) 922-9998

**West Manufacturing Facility:** (562) 404-4531 or (800) 998-9787

**Technical Support for Software and Systems:** (888) 231-1333

[www.usa.siemens.com/hearing](http://www.usa.siemens.com/hearing)

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