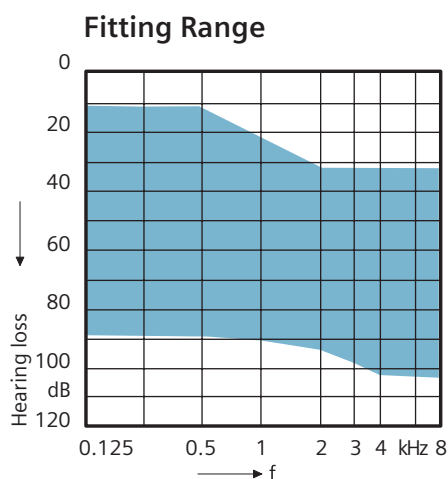


# CIELO™ S

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



### Premium Features

- Fully digital 6-channel automatic micro-BTE instrument
- Optimized solution for mild through moderate hearing loss
- Miniature BTE housing designed for maximum comfort and aesthetic appeal
- Automatic feedback cancellation
- Adaptive noise reduction in 6 channels
- Six compression channels with configurable crossover frequencies and 3 handles for adjustments
- Three individual hearing programs
- Efficient fitting with workflow oriented CONNEXX™ software

### Standard Features

- Telecoil with AutoPhone for automatic switching to telephone or telecoil program
- Battery compartment with lock and ON/OFF function
- Push button for program selection with programmable ON/OFF function
- Programmable audible signal indicators for low battery voltage and program change

### Options and Accessories

- Available colors: beige, brown, granite, gray, silver, black, translucent fun colors: pink, purple, orange, green, blue, and transparent
- Small earhook
- Eyeglass adapter

### Standard ANSI S3.22-1996

Output Sound Pressure Level	Standard ANSI S3.22-1996
Peak	124 dB
HF-Average OSPL 90	122 dB
DIN 45 605	–
Gain (Input 50 dB)	Standard ANSI S3.22-1996
Peak	55 dB
HF-Average	49 dB
Reference test gain	45 dB
DIN 45 605	–
Frequency Range	Standard ANSI S3.22-1996
Low frequency limit	100 Hz
High frequency limit	6300 Hz
Total Harmonic Distortion	Standard ANSI S3.22-1996
500 Hz	4%
800 Hz	2%
1600 Hz	1%
Equivalent Input Noise	Standard ANSI S3.22-1996
	22 dB
Induction Coil Sensitivity	Standard ANSI S3.22-1996
HFA SPLITS * (left/right)	104/db/103 dB
STS** (left/right)	-1 dB/-2 dB
AGC-O (CK= -21 dB)	Standard ANSI S3.22-1996
Attack time	9 ms
Release time	100 ms
Battery	Standard ANSI S3.22-1996
Type	13 cell zinc-air
Voltage	1.3V
Current Drain	1.1 mA
Typical Life	~200h

\*SPLITS = Coupler SPL for an Inductive Telephone Simulator

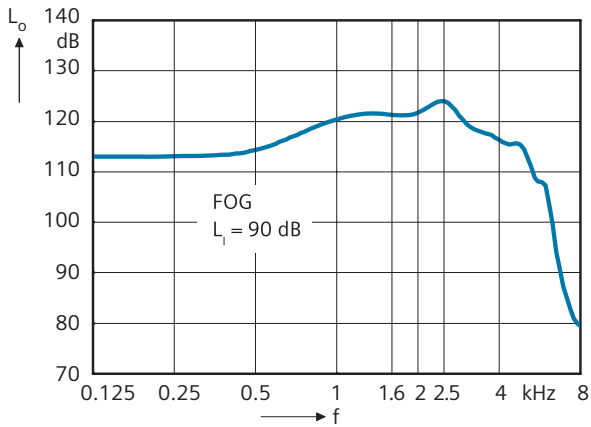
\*\*STS = Simulated Telephone Sensitivity

Measure instructions: Instrument in linear setting. Input signal: Sinus Burst; Frequency: 2500 Hz, Low Level: 33dB; High Level: 60 dB; Interval: 250 ms; On; Time: 125 ms.

# Basic Data

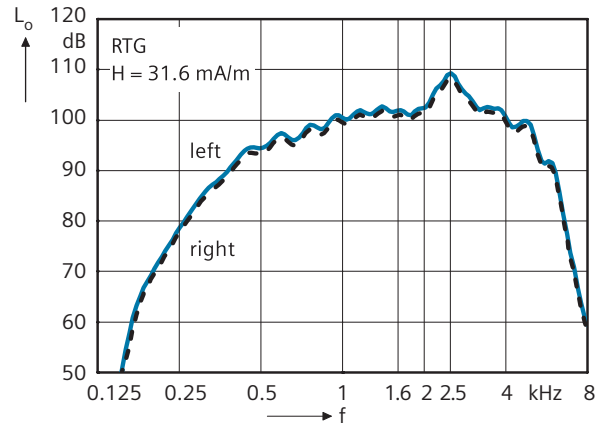
## Output Sound Pressure Level

ANSI S3.22-1996



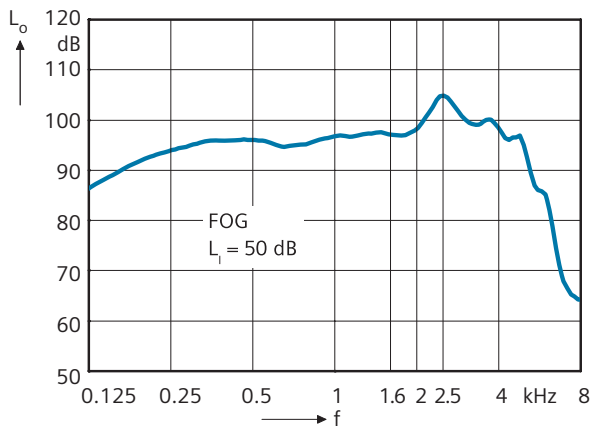
## Inductive Response

ANSI S3.22-1996



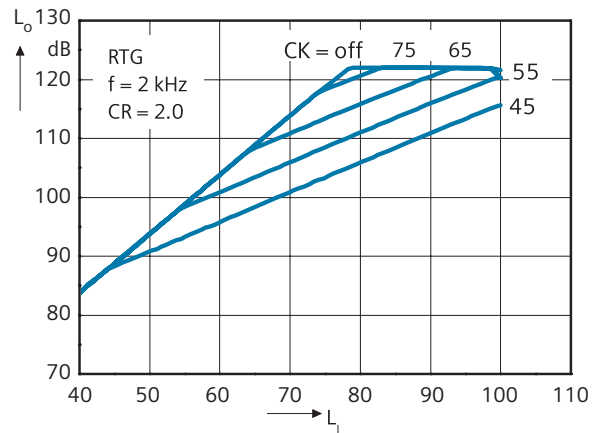
## Maximum Gain

ANSI S3.22-1996



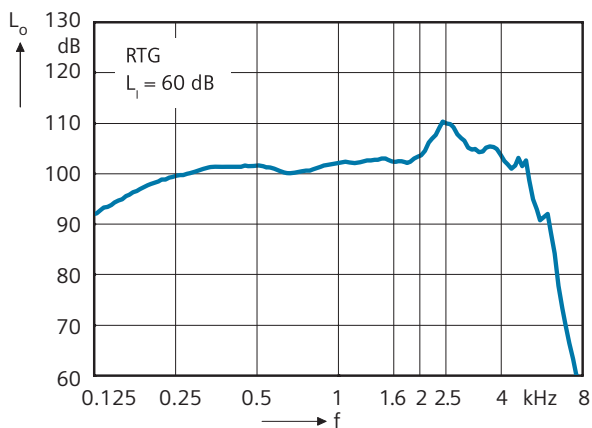
## Input/Output Effect of CK-Control

ANSI S3.22-1996



## Basic Acoustic Response

ANSI S3.22-1996



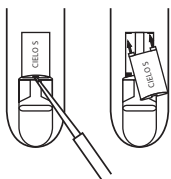
## Fitting Information

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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. After the programming procedure is complete, close the flap using your fingernail.



### Changing the Typeplates

To mark the left and right side of the CIELO S 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, small

For optimal fitting to smaller ears, a small earhook is an available option.

## **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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