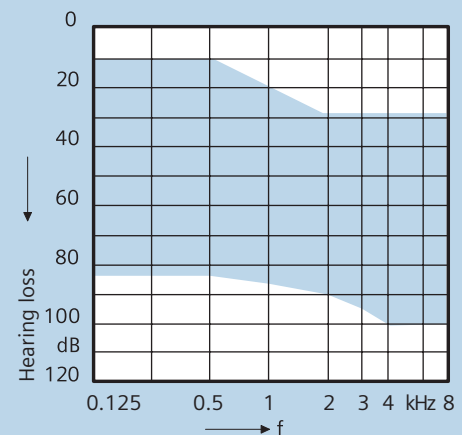


### Premium Features

- Fully digital 6-channel BTE instrument
- For mild through severe hearing losses
- High performance adaptive directional microphone (TwinMic™) system
- Automatic feedback cancellation
- Adaptive noise reduction in 6 channels
- Six compression channels with configurable cross over frequencies and three adjustable handles
- Four individual hearing programs for microphone, audio input and/or telecoil
- Programmable volume control
- Compatible with FM systems
- Efficient fitting with workflow oriented CONNEX™ software

### Additional Features

- Programmable volume control
- Audio input
- AutoPhone for automatic switching to telephone or telecoil program
- Battery compartment with ON/OFF function
- Push button for program selection and ON/OFF function
- Programmable audible signal indicators for low battery voltage, program change, VC step size and limit



### Options and Accessories

- Available colors: beige, brown, granite, gray, silver, black, transparent and translucent colors: pink, purple, orange, green, blue
- Small earhook
- Eyeglass adapter
- Audio shoe
- Volume control cover

# CIELO Dir BTE Technical Data

	2cc coupler
<b>Output Sound Pressure Level</b>	<b>Standard ANSI S3.22-2003</b>
Peak	130 dB
HF-Average OSPL 90	124 dB
<b>Gain (Input 50 dB)</b>	
Peak	61 dB
HF-Average	53 dB
Reference test gain	47 dB
<b>Frequency Range</b>	
Low frequency limit	<100 Hz
High frequency limit	6700 Hz
<b>Total Harmonic Distortion</b>	
500 Hz	3%
800 Hz	2%
1600 Hz	1%
<b>Equivalent Input Noise</b>	16 dB
<b>Induction Coil Sensitivity</b>	
HFA SPLITS* (left/right)	105/107 dB
STS** (left/right)	-2/0 dB
<b>AGC-O (CK = -21 dB)</b>	
Attack time	6 ms
Release time	95 ms
<b>Battery</b>	
Type	13 cell zinc-air
Voltage	1.3 v
Current Drain	1.2 mA
Typical Life	~190 h
<b>AI-DI</b>	3.7

AI-DI, AI=Articulation index, DI=Weight directivity index

\*SPLITS = Coupler SPL for an Inductive Telephone Simulator

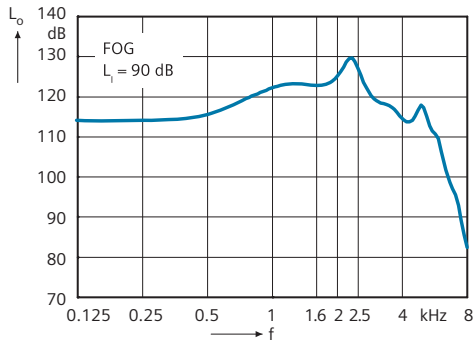
\*\*STS = Simulated Telephone Sensitivity

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

# CIELO Dir BTE Basic Data

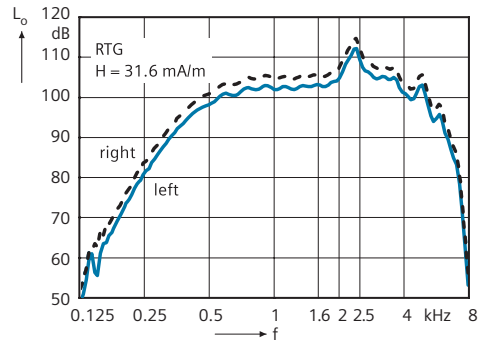
## Output Sound Pressure Level

ANSI S3.22-1996



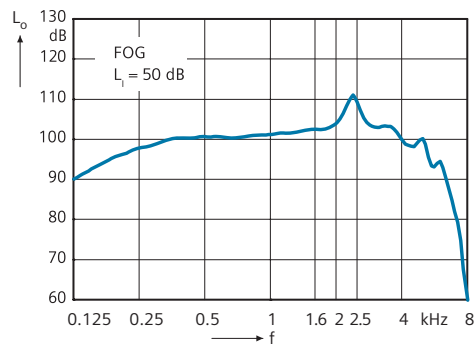
## Inductive Response

ANSI S3.22-1996



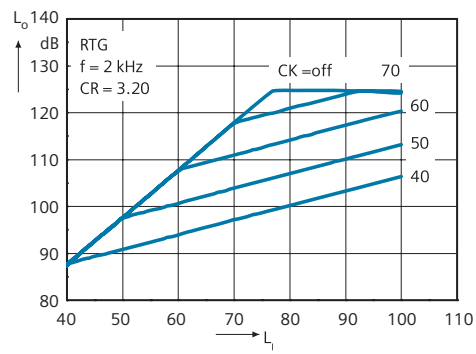
## Maximum Gain

ANSI S3.22-1996



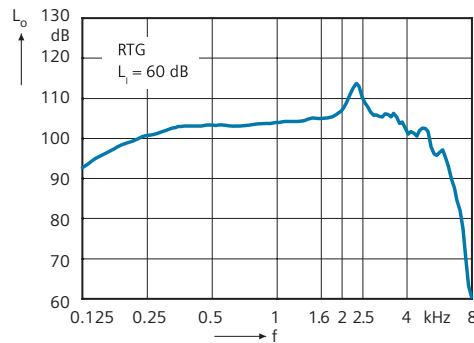
## Input/Output Effect of CK-Control

ANSI S3.22-1996



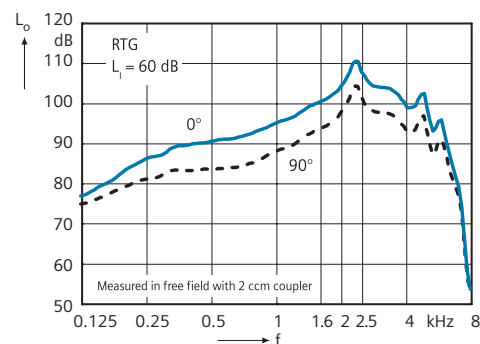
## Basic Acoustic Response

ANSI S3.22-1996

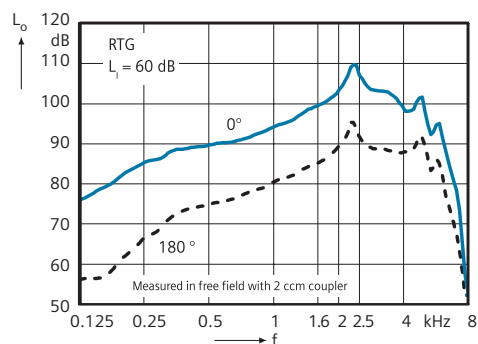


# CIELO Dir BTE TwinMic™ System

## Frequency Response from Front and Side



## Frequency Response from Front and Rear

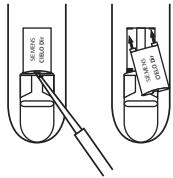


# CIELO Dir BTE Basic Data



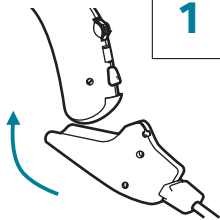
## Programming Socket

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 fingernail.



## Changing the Typeplates

To mark the left and right side of the CIELO Dir 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.

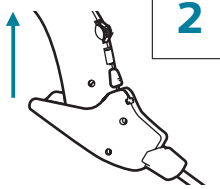


1

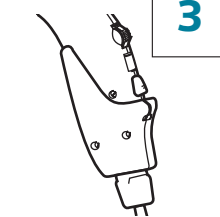
## Fitting an Audio Shoe to the Hearing Instrument

Hook the audio shoe in from the front and press it to the rear into the indent on the inner curve of the instrument. It is not possible to switch the instrument off while the audio shoe is connected!

Please note: The typeplates for audio input (with holes for the audio input contacts) that are included with the audio shoes **MUST** be used for all audio input applications.



2



3



## 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

**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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