

# Technical Data

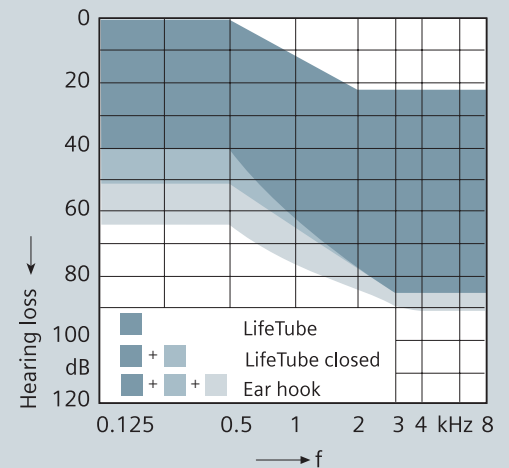
## ARTIS 2 Life



### Description

- Programmable BTE instruments with e2e wireless™ and DateLearning™ technology
- Optimized solution for binaural fittings because of synchronized programs, volume and signal processing
- For mild to moderate and ski slope hearing losses
- High performance directional microphone, automatic and multi-channel operation
- Automatic and adaptive feedback cancellation
- Automatic situation detection including music detection
- Adaptive noise reduction and speech enhancement in 12 channels
- eWindScreen™, wind noise reduction system
- 3 individual hearing programs with optional ePocket
- Nanocoated housing
- Battery compartment with On/Off switch
- Battery type 312
- Alerting tones for low battery voltage
- Professional and efficient fitting with the workflow oriented CONNEXX™ software

### Fitting Range



### Data Sheet

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

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# ARTIS 2 Life Technical Data

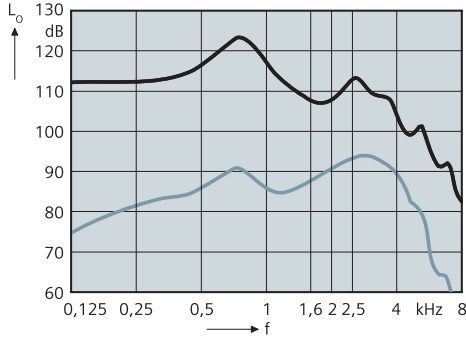
	Earhook			LifeTube		
	2 ccm coupler		Ear simulator	2 ccm coupler		Ear simulator
	IEC 118-7/A1	ANSI S3.22-2003 IEC 60118-7 :2005	IEC 118-0/A1	IEC 118-7/A1	Standard ANSI S3.22-2003; IEC 60118-7 :2005	IEC 118-0/A1
<b>Output Sound Pressure Level</b>						
at 2.5 kHz	122 dB	–	130 dB	113 dB	–	122 dB
Peak	123 dB	123 dB	132 dB	123 dB	123 dB	128 dB
HFA <sup>1</sup> -OSPL 90	–	120 dB	–	–	112 dB	–
<b>Gain (Input 50 dB)</b>						
Full-on Gain (FOG) at 2.5 kHz	52 dB	–	59 dB	42 dB	–	52 dB
Full-on Gain (Peak)	55 dB	55 dB	65 dB	45 dB	45 dB	55 dB
HFA-FOG	–	46 dB	–	–	39 dB	–
Reference Test Gain	46 dB	43 dB	53 dB	35 dB	36 dB	45 dB
<b>Frequency Range (DIN 45605)</b>						
Low frequency limit	–	180 Hz	–	–	100 Hz	–
High frequency limit	–	6100 Hz	–	–	5800 Hz	–
<b>Total Harmonic Distortion</b>						
500 Hz	1 %	1 %	1 %	1 %	1 %	1 %
800 Hz	1 %	1 %	1 %	1 %	1 %	1 %
1600 Hz	1 %	2 %	1 %	2 %	2 %	2 %
<b>Equivalent Input Noise</b>	17 dB	25 dB	17 dB	17 dB	25 dB	17 dB
<b>AGC-O (= –21 dB)</b>						
Attack time	–	5 ms	–	–	5 ms	–
Release time	–	100 ms	–	–	100 ms	–
<b>Battery-Type 312 Cell Zinc Air</b>						
Battery current	0.8 mA	0.8 mA	0.8 mA	0.8 mA	0.8 mA	0.8 mA
Battery life time	~ 150 h	~ 150 h	~ 150 h	~ 150 h	~ 150 h	~ 150 h
<b>IRIL<sup>2</sup> IEC 118-13 (bystander condition)</b>						
800-960 MHz	< 0 dB	–	–	< 0 dB	–	–
1400-2000 MHz	< 0 dB	–	–	< 0 dB	–	–
<b>AI-DI<sup>3</sup> at 2.5 kHz</b>	2.5 dB	–	–	2.5 dB	–	–

Technical information for e2e wireless function:  
 Operating frequencies:  $f_{\text{low}} = 115 \text{ kHz}$ ,  $f_{\text{high}} = 120 \text{ kHz}$ ; Rated H-field strength (maximum):  $-11,5 \mu\text{A/m}$  at 3 meters.

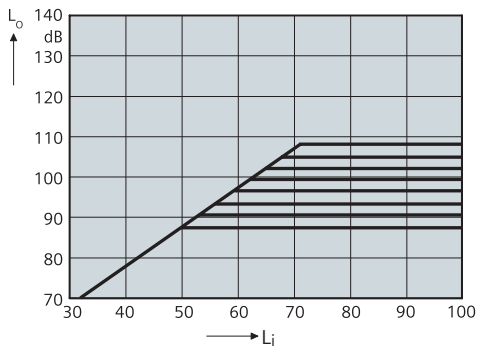
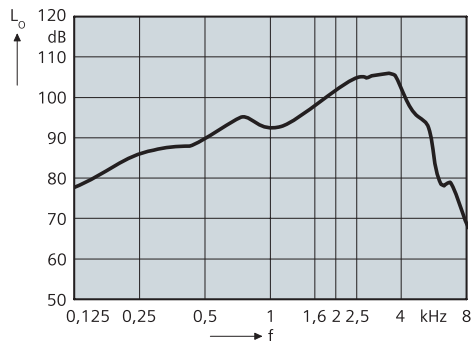
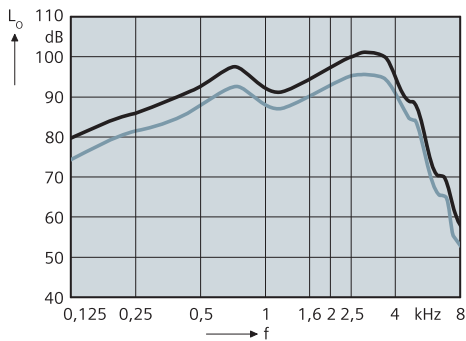
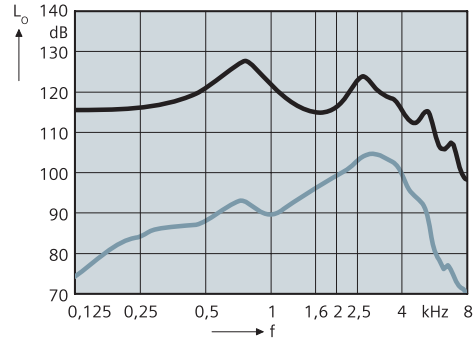
<sup>1</sup>HFA= High Frequency Average; <sup>2</sup>IRIL=Input Related Interference Level; <sup>3</sup>AI-DI=Articulation Index – Weighted Directivity Index

# ARTIS 2 Life Basic Data (LifeTube™)

## 2 ccm coupler

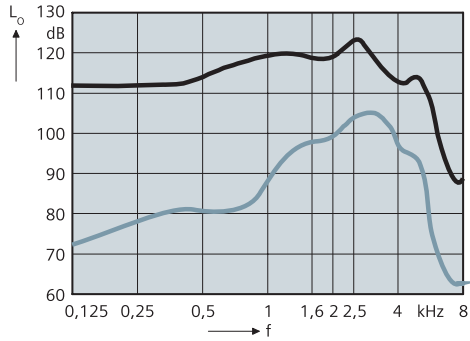


## Ear simulator



# ARTIS 2 Life Basic Data (Earhook)

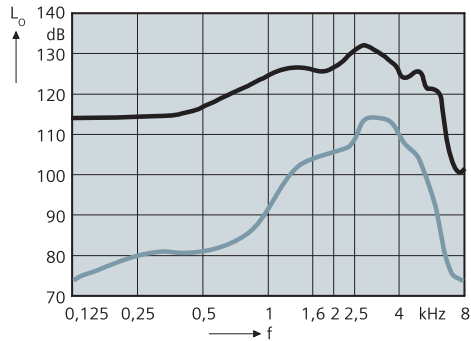
## 2 ccm coupler



Output Sound Pressure Level  
( $L_i = 90$  dB)  
IEC 118-7/A1;  
IEC 60118-7:2005;  
ANSI S3.22-2003

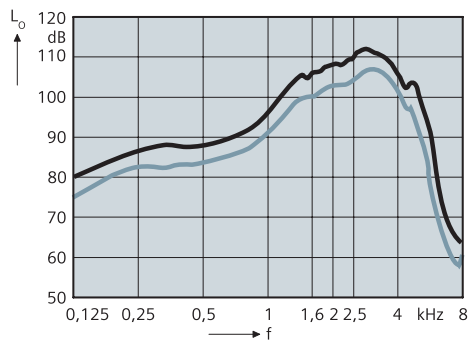
Full on Gain  
( $L_i = 50$  dB)  
IEC 118-7/A1;  
IEC 60118-7:2005;  
ANSI S3.22-2003

## Ear simulator



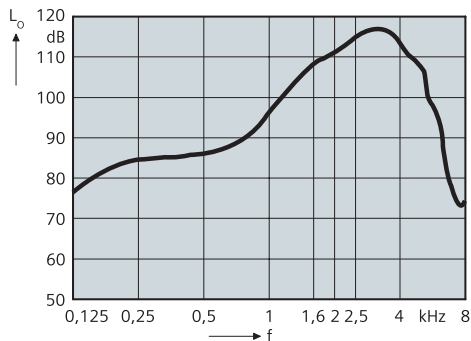
Output Sound Pressure Level  
( $L_i = 90$  dB)  
IEC 118-0/A1

Full on Gain  
( $L_i = 50$  dB)  
IEC 118-0/A1

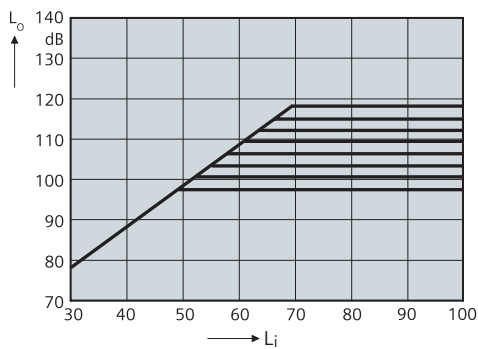


Frequency Response  
( $L_i = 60$  dB)  
IEC 60118-7:2005;  
ANSI S3.22-2003

Basic Frequency Response  
( $L_i = 60$  dB)  
IEC 118-7/A1



Basic Frequency Response  
( $L_i = 60$  dB)  
IEC 118-0/A1



Effect of MPO  
(FOG,  $f=2$  kHz)  
IEC 60118-7:2005;  
ANSI S3.22-2003

# ARTIS 2 Life · Order numbers

## BTE Instrument-Order number

- 101 738 38 beige
- 101 738 39 granite
- 101 738 40 grey
- 101 738 41 brown
- 101 738 42 black
- 101 738 43 silver
- 101 738 44 pearl white
- 102 938 58 transparent
- 102 938 59 translucent orange
- 102 938 60 translucent pink
- 102 938 61 translucent green
- 102 938 62 translucent blue
- 102 938 63 translucent purple



## Accessories

- ePocket, remote control  
Order number: 0878 4816
- Type plate set  
Order number: 1017 3853
- Eyeglass adapter,  
transparent  
Order number: 1005 4844

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice.

The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

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Order No. A91SAT-00161-99T1-7600  
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P U B L I C I S

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

Siemens  
Audiologische Technik GmbH  
Gebbertstraße 125  
91058 Erlangen  
Germany  
Phone +49 9131 308 0