

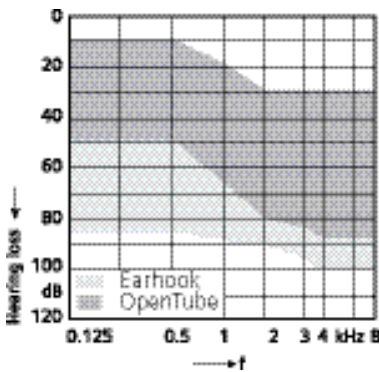


# Technical Data

# Aurora 2 S

BTE instrument Order number

- 104 261 98 beige
- 104 262 01 brown
- 104 261 99 grey



## Application

- Mild to severe hearing loss
- Standard listening environments
- Manual volume control
- Fitted with CONNEXX™

## Short Description

- Fully digital 2 channel amplifier
- Directional microphone
- 1 AGC-I control
- Additional LC and HC controls
- 3+A programmable memories
- 1 flexible crossover frequency
- Battery type 13
- Low battery beeps
- Program change beeps
- Microphone noise reduction
- Programmable telecoil
- Programmable audio input
- Compatible with cell-phones, wireless phones and common FM systems
- Battery door lock

## Highlights

- Antiphase Feedback Cancellation
- Endstop volume control

## Accessories

- Audio shoe

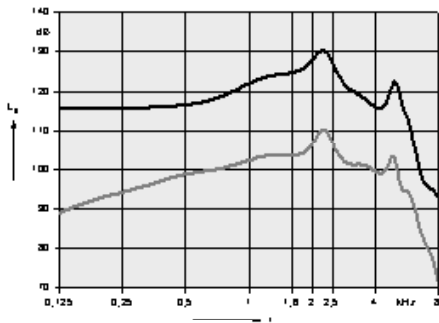
	Earhook		OpenTube	
	IEC 118-0	IEC 118-7: 2005 ANSI S3.22-2003	IEC 118-0	IEC 118-7: 2005 ANSI S3.22-2003
<b>Saturation Sound Pressure Level</b> at 1.6 kHz	131 dB	-	123 dB	-
Peak	138 dB	130 dB	131 dB	126 dB
HF-Average SSPL 90 DIN 45 605	-	125 dB	-	116 dB
-	-	-	-	-
<b>Gain (Input 50 dB)</b> at 1.6 kHz	60 dB	-	50 dB	-
Peak	67 dB	60 dB	57 dB	47 dB
HF-Average	-	54 dB	-	43 dB
Reference Test Gain DIN 45 605	54 dB	48 dB	44 dB	39 dB
-	-	-	-	-
<b>Frequency Range</b> Low frequency limit	150 Hz	100 Hz	100 Hz	100 Hz
High frequency limit	6700 Hz	6300 Hz	6700 Hz	6500 Hz
<b>Total Harmonic Distortion</b> 500 Hz	5 %	4 %	2 %	2 %
800 Hz	5 %	4 %	1 %	1 %
1600 Hz	1 %	1 %	1 %	1 %
<b>Equivalent Input Noise</b>	18 dB	18 dB	18 dB	18 dB
<b>Inductive Coil Sensitivity</b> MASL (1 mA/m) at 1.6 kHz	89 dB	-	76 dB	-
HFA MASL	-	83 dB	-	71 dB
HFA SPLITS (left/right)	-	102/107 dB	-	93/96 dB
STS (left/right)	-	-6/-1 dB	-	-6/-3 dB
<b>AGC-O (-21 dB) (at 2 kHz)</b> Attack time	-	3 ms	-	3 ms
Release time	-	100 ms	-	100 ms
<b>Battery-Type</b> <b>13 Cell Zinc Air</b> Battery Voltage	1.3 V	1.3 V	1.3 V	1.3 V
Battery Current Drain	1.0 mA	1.0 mA	0.8 mA	0.8 mA
Battery Life	220 h	220 h	280 h	280 h
<b>IRIL IEC 118-13</b> (bystander condition) 800-960 MHz	-15 dB	-15 dB	-15 dB	-15 dB
1400-2000 MHz	-15 dB	-15 dB	-15 dB	-15 dB
<b>AI-DI</b>	4.0 dB			

WARNING! Choking hazard posed by small parts. Infants, small children and persons of mental incapacity must not wear the hearing instrument without appropriate supervision.

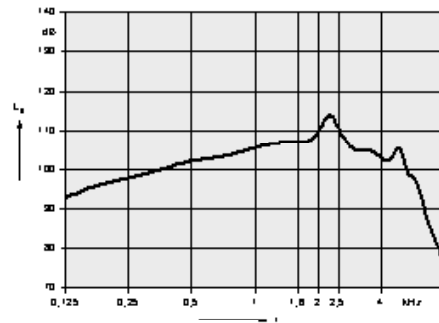
# Aurora 2 S

## Basic Data Earhook

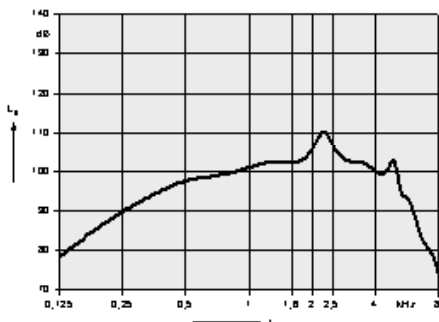
Saturation Sound Pressure Level ( $L_1 = 90$  dB)  
 Maximum Gain ( $L_1 = 50$  dB)  
 ANSI S3.22-2003, IEC 60118-7:2003



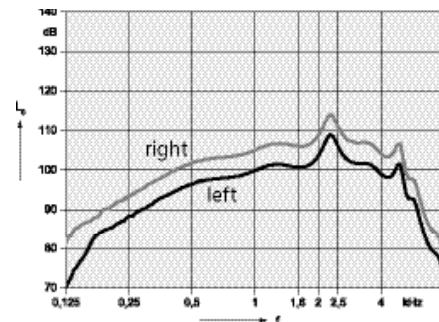
Basic Acoustic Response ( $L_1 = 60$  dB)  
 IEC 60118-7:2005



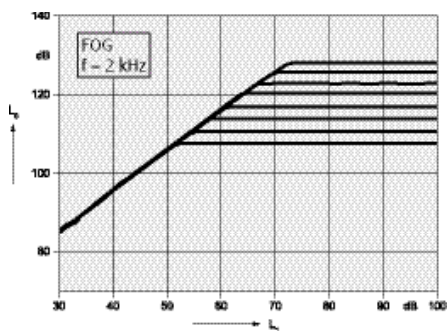
T-Coil ( $H = 10$  mA/m)  
 IEC 60118-7:2005



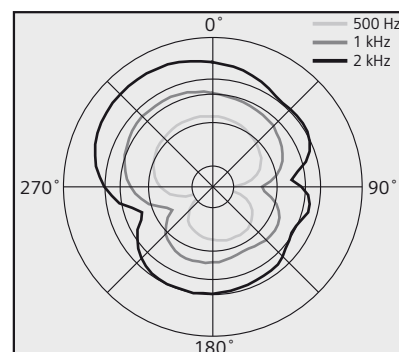
SPLITS Curve  
 ANSI S3.22-2003



Effect MPO  
 ANSI S3.22-2003, IEC 60118-7:2005



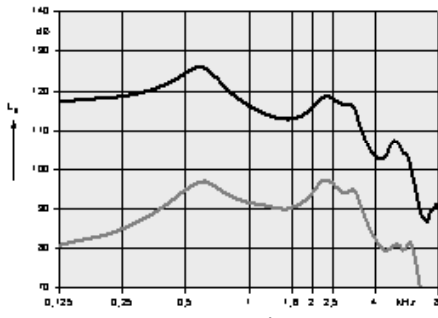
Directional Characteristic



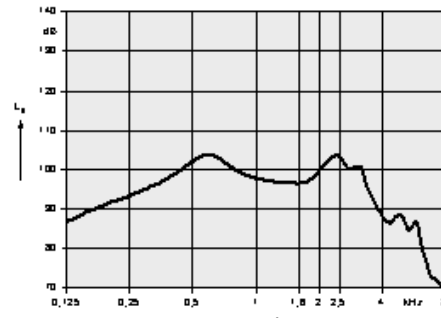
# Aurora 2 S

## Basic Data OpenTube

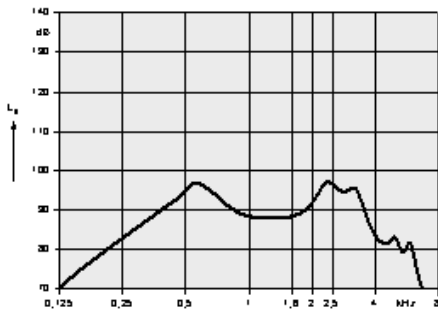
Saturation Sound Pressure Level ( $L_1 = 90$  dB)  
 Maximum Gain ( $L_1 = 50$  dB)  
 ANSI S3.22-2003, IEC 60118-7:2003



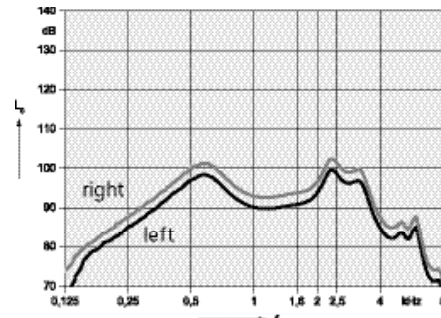
Basic Acoustic Response ( $L_1 = 60$  dB)  
 IEC 60118-7:2005



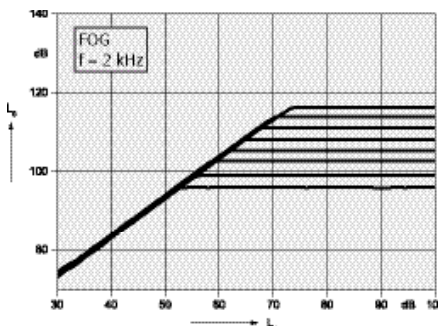
T-Coil ( $H = 10$  mA/m)  
 IEC 60118-7:2005



SPLITS Curve  
 ANSI S3.22-2003



Effect MPO  
 ANSI S3.22-2003, IEC 60118-7:2005



# Aurora 2 S

## Order numbers for accessories

104 259 87 Battery compartment with integrated  
Audio shoe