

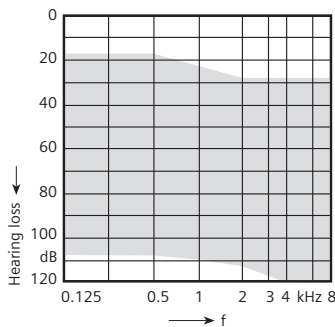


Technical Data

Aurora 2 XP

BTE instrument Order number

- 1029 9904 beige
- 1029 9918 brown
- 1029 9905 grey



Application

- Severe to profound hearing loss
- Standard listening environments
- Manual volume control
- Fitted with CONNEXX™

Short Description

- Fully digital 2 channel amplifier
- 1 AGC-I control
- Additional LC and HC controls
- 2+A programmable memories
- 1 flexible crossover frequency
- Battery type 675
- Low battery beeps
- Program change beeps
- Microphone noise reduction
- Programmable telecoil
- Programmable audio input
- Compatible with cell-phones, wireless phones and usual FM systems
- Battery door lock

Highlights

- Antiphase Feedback Cancellation
- Volume control with robust Rocker Switch

Accessories

- Audio shoe
- Small ear hook

	IEC 118-0	IEC 118-7: 2005	ANSI S3.22-2003
Saturation Sound Pressure Level at 1.6 kHz Peak HF-Average SSPL 90 DIN 45 605	136 dB 141 dB - 138 dB	- 138 dB 132 dB -	- 138 dB 132 dB -
Gain (Input 50 dB) at 1.6 kHz Peak HF-Average Reference Test Gain DIN 45 605	73 dB 82 dB - 61 dB 76 dB	- 80 dB 69 dB 55 dB -	- 80 dB 69 dB 55 dB -
Frequency Range Low frequency limit High frequency limit	250 Hz 4800 Hz	160 Hz 4600 Hz	160 Hz 4600 Hz
Total Harmonic Distortion 500 Hz 800 Hz 1600 Hz	4 % 2 % 1 %	4 % 2 % 1 %	4 % 2 % 1 %
Equivalent Input Noise	16 dB	16 dB	16 dB
Inductive Coil Sensitivity MASL (1mA/m) HFA SPLITS (left/right) STS (left/right)	103 dB - -	98 dB - -	- 110/114 dB -5/-1 dB
AGC-O (-21 dB, 1 kHz) Attack time Release time	3 ms 80 ms	3 ms 80 ms	3 ms 80 ms
Battery-Type 675 Cell Zinc Air Battery Voltage Battery Current Drain Battery Life	1.3 V 0.8 mA ~600 h	1.3 V 2.0 mA ~240 h	1.3 V 2.0 mA ~240 h
IRIL IEC 118-13 (bystander condition) 800-960 MHz 1400-2000 MHz	- -	-18 dB -16 dB	- -

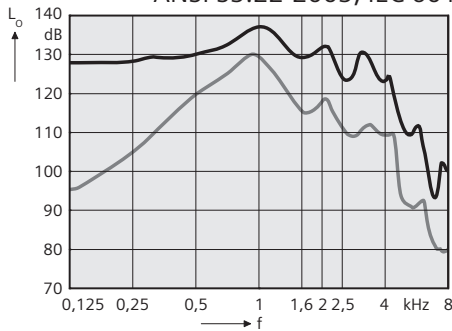
WARNING! Choking hazard posed by small parts. Infants, small children and persons of mental incapacity must not wear the hearing instrument without appropriate supervision.

Aurora 2 XP

Basic data

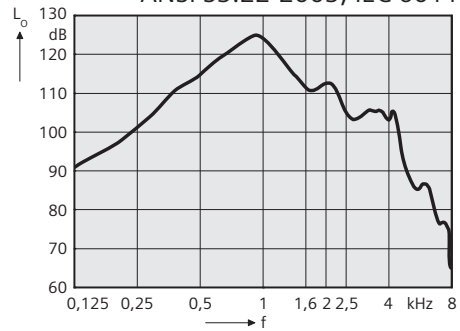
Saturation Sound Pressure Level ($L_i = 90$ dB)
Maximum Gain ($L_i = 50$ dB)

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



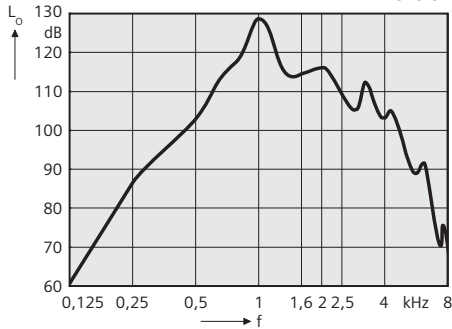
Basic Acoustic Response ($L_i = 60$ dB)

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



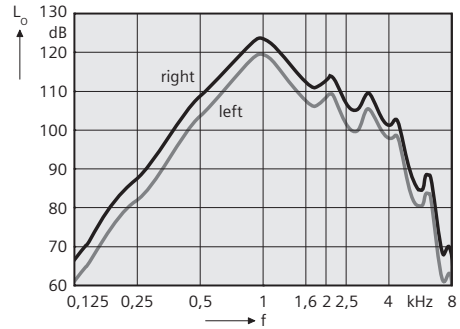
T-Coil ($H = 10$ mA/m)

IEC 60118-7:2005



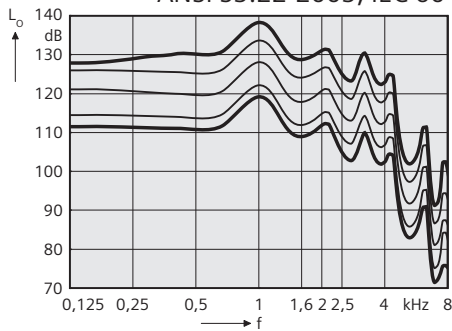
SPLITS Curve

ANSI S3.22-2003



MPO Frequency Response ($L_i = 90$ dB)

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



Effect MPO

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

