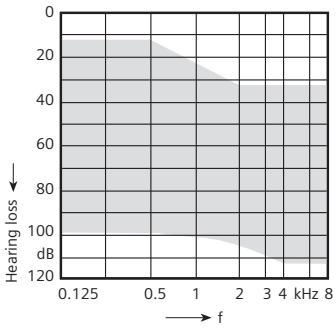
Technical Data

Digitrim 23 P

BTE instrument Order number

■ 1030 2147 beige
1030 2149 brown
1041 7902 grey



Short Description
- Fully digital amplifier with 3 fitting controls
- New design BTE for moderate to severe hearing loss
- Excellent output performance with low distortion
- Simple, flexible fitting using three trimmers

Fitting Parameters
- NH, low-cut filter
- MPO, maximum output
- Gain, overall gain adjustment

Standard Features
- MNR (Microphone Noise Reduction)
- FBC (Feedback Cancellation)
- 2 channels with AGC-I compression
- Acoustic signal for program and volume control change and for low battery
- Audio input, compatible with commonly used FM systems
- Lockable battery compartment door
- Volume control with robust rocker switch
- Telecoil program and mixed mode (MT) program
- Battery type 13

Accessories
- Audio shoe
- Small ear hook

	IEC 118-0	IEC 118-7	ANSI S3.22-2003
Saturation Sound Pressure Level			
at 1.6 kHz	131 dB	123 dB	–
Peak	137 dB	132 dB	132 dB
HF-Average SSPL 90	–	–	126 dB
DIN 45 605	130 dB	125 dB	–
Gain (Input 50 dB)			
at 1.6 kHz	69 dB	60 dB	–
Peak	75 dB	70 dB	70 dB
HF-Average	–	–	63 dB
Reference Test Gain	56 dB	48 dB	49 dB
DIN 45 605	66 dB	61 dB	–
Frequency Range			
Low frequency limit	300 Hz	190 Hz	160 Hz
High frequency limit	6200 Hz	5300 Hz	6000 Hz
Total Harmonic Distortion			
500 Hz	5 %	5 %	4 %
800 Hz	4 %	4 %	3 %
1600 Hz	1 %	1 %	1 %
Equivalent Input Noise	16 dB	16 dB	14 dB
Inductive Coil Sensitivity			
MASL (1mA/m) at 1.6 kHz	102 dB	94 dB	–
HFA SPLITS (left/right)	–	–	107/112 dB
STS (left/right)	–	–	–2/3 dB
AGC-O (–21 dB) (at 1 kHz)			
Attack time	–	–	3 ms
Release time	–	–	100 ms
Battery-Type 13 Cell Zinc Air			
Battery Voltage	1.3 V	1.3 V	1.3 V
Battery Current Drain	0.9 mA	0.9 mA	0.9 mA
Battery Life	~250 h	~250 h	~250 h
IRIL IEC 118-13 (bystander condition)			
800-960 MHz	–15 dB	–15 dB	–15 dB
1400-2000 MHz	–15 dB	–15 dB	–15 dB

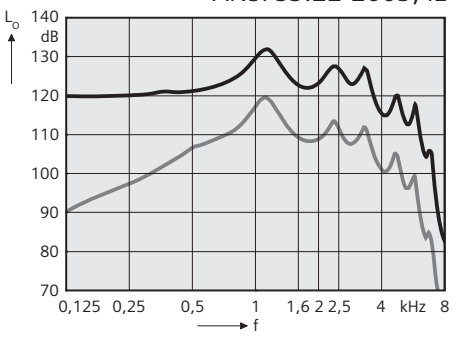
WARNING! Choking hazard posed by small parts. Infants, small children and persons of mental incapacity must not wear the hearing instrument without appropriate supervision.

Digitrim 23 P

Basic data

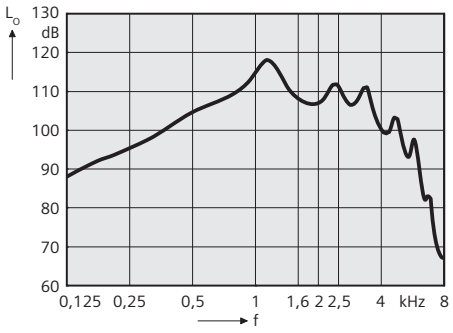
Saturation Sound Pressure Level (L_i = 90 dB)
Maximum Gain (L_i = 50 dB)

ANSI S3.22-2003, IEC 118-7/A1



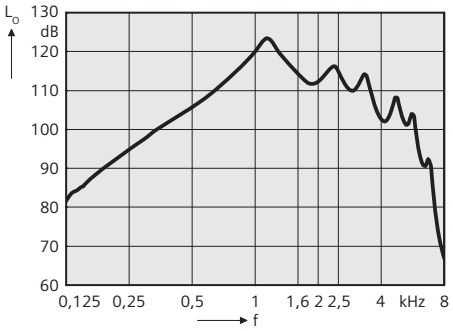
Basic Acoustic Response (L_i = 60 dB)

IEC 118-7/A1



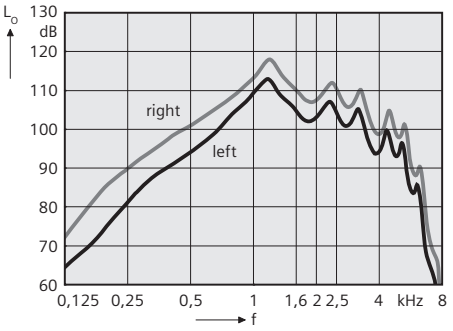
T-Coil (H = 10 mA/m)

IEC 118-7/A1



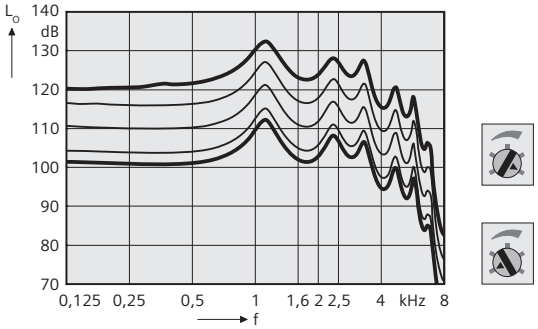
SPLITS Curve

ANSI S3.22-2003



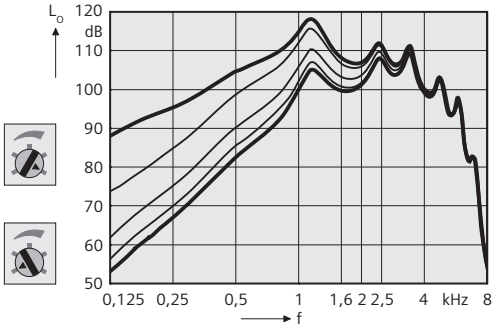
MPO Frequency Response (L_i = 90 dB)

ANSI S3.22-2003, IEC 118-7/A1



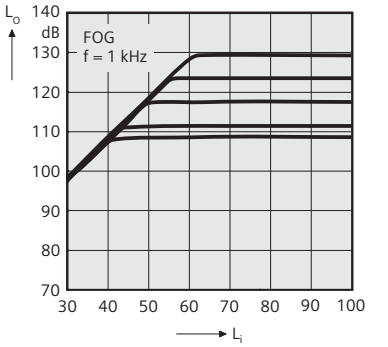
NH Frequency Response

IEC 118-7/A1



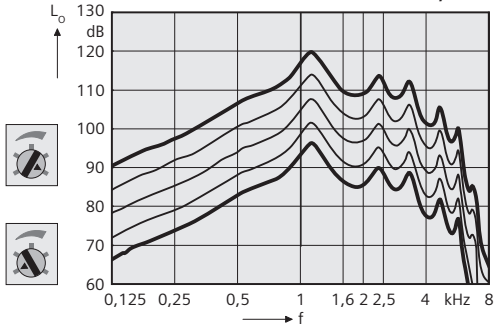
Effect MPO

ANSI S3.22-2003, IEC 118-7/A1



Gain Frequency Response

ANSI S3.22-2003, IEC 118-7/A1



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