

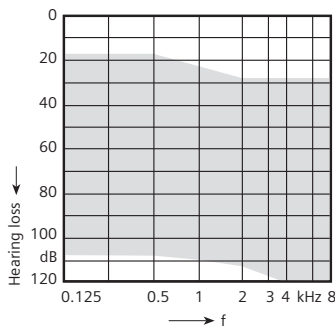


Technical Data

Digitrim 12 XP

BTE instrument Order number

- 1041 7967 beige
- 1041 7968 brown
- 1041 7969 grey



Short Description

- Fully digital amplifier with 2 fitting controls
- New design BTE for severe to profound hearing loss
- Powerful output performance with low distortion
- Simple, flexible fitting using two trimmers

Fitting Parameters

- NH, low-cut filter
- MPO, maximum output

Standard Features

- MNR (Microphone Noise Reduction)
- FBC (Feedback Cancellation)
- Acoustic signal for program and volume control change
- Audio input, compatible with commonly used FM systems
- Lockable battery compartment door
- Volume control with robust rocker switch
- Telecoil program
- Battery type 675

Accessories

- Audio shoe
- Small ear hook

	IEC 118-0	IEC 118-7	ANSI S3.22-2003
Saturation Sound Pressure Level at 1.6 kHz Peak HF-Average SSPL 90 DIN 45 605	136 dB 140 dB – 138 dB	130 dB 138 dB 132 dB 134 dB	– 138 dB 132 dB –
Gain (Input 50 dB) at 1.6 kHz Peak HF-Average Reference Test Gain DIN 45 605	72 dB 81 dB – 58 dB 76 dB	67 dB 78 dB 68 dB 54 dB 72 dB	– 78 dB 68 dB 53 dB –
Frequency Range Low frequency limit High frequency limit	230 Hz 5200 Hz	170 Hz 4600 Hz	130 Hz 4700 Hz
Total Harmonic Distortion 500 Hz 800 Hz 1600 Hz	5 % 2 % 1 %	5 % 2 % 1 %	5 % 2 % 1 %
Equivalent Input Noise	19 dB	20 dB	20 dB
Inductive Coil Sensitivity MASL (1 mA/m) at 1.6 kHz HFA SPLITS (left/right) STS (left/right)	103 dB – –	95 dB – –	– 108/113 dB –5/0 dB
AGC-O (–21 dB) Attack time Release time	8 ms 120 ms	8 ms 120 ms	8 ms 120 ms
Battery-Type 675 Cell Zinc Air Battery Voltage Battery Current Drain Battery Life	1.3 V 0.9 mA ~530 h	1.3 V 0.9 mA ~530 h	1.3 V 1.9 mA ~250 h
IRIL IEC 118-13 (bystander condition) 800-960 MHz 1400-2000 MHz	–20 dB –15 dB	–20 dB –15 dB	–20 dB –15 dB

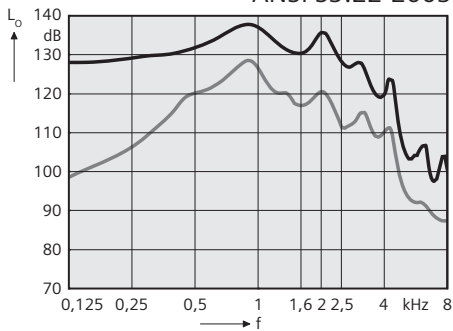
WARNING! Choking hazard posed by small parts. Infants, small children and persons of mental incapacity must not wear the hearing instrument without appropriate supervision.

Digitrim 12 XP

Basic data

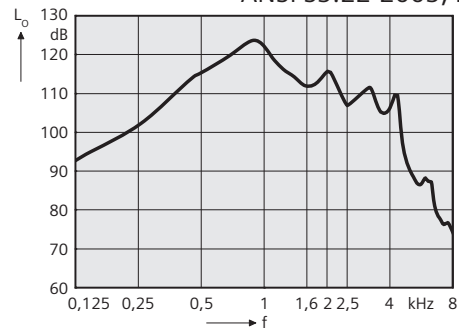
Saturation Sound Pressure Level ($L_i = 90$ dB)
Maximum Gain ($L_i = 50$ dB)

ANSI S3.22-2003, IEC 118-7



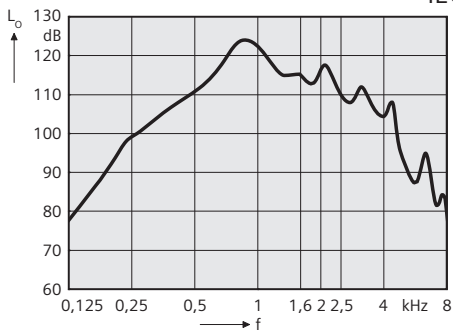
Basic Acoustic Response ($L_i = 60$ dB)

ANSI S3.22-2003, IEC 118-7



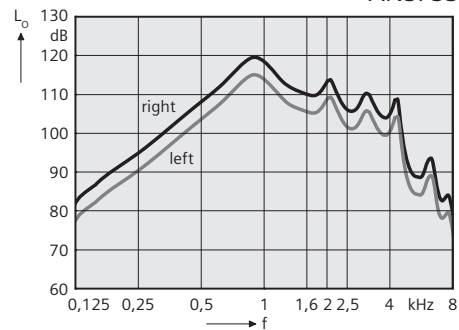
T-Coil ($H = 10$ mA/m)

IEC 118-7/A1



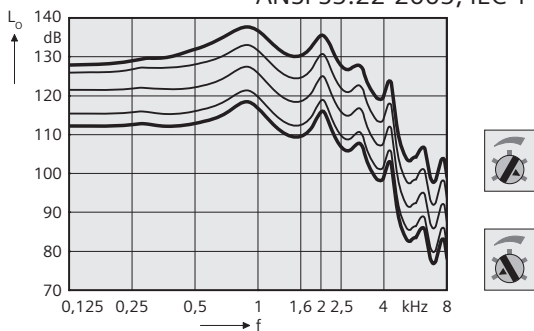
SPLITS Curve

ANSI S3.22-2003



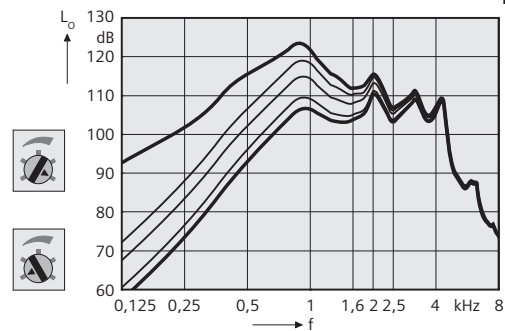
MPO Frequency Response ($L_i = 90$ dB)

ANSI S3.22-2003, IEC 118-7



NH Frequency Response

IEC 118-7



Effect MPO

ANSI S3.22-2003, IEC 118-7

