

Description

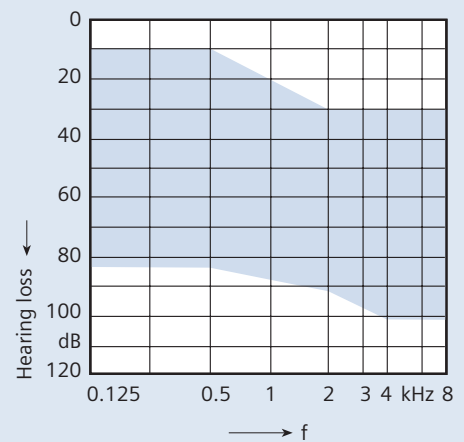
- Programmable BTE instrument
- Optimized solution for mild to moderately severe hearing loss
- High performance directional microphone (TwinMic™)
- Highspeed automatic feedback cancellation
- 4 adjustable compression channels with 1 configurable cross over frequency
- 4 individual hearing programs for microphone, audio shoe and/or telecoil
- Programmable volume control
- Compatible with usual in trade FM-systems
- Professional and efficient fitting with the workflow oriented CONNEXX™ software
- Adaptive noise reduction

Amplifier

- Fully digital 4-channel BTE instrument

Standard Features

- Volume control
- Audio input
- Battery compartment with ON/OFF function
- Push button for program selection with alert tones for program change
- Nanocoated housings
- Battery type 13
- Alert tones for low battery voltage
- Telecoil



Options

- Housing in beige, granite, black, brown and grey
- Colour conversion kits in silver and pearl white transparent and translucent fashion colours: pink, purple, orange, green and blue

Accessories

- Small earhook
- Eyeglass adapter
- Audio shoe
- Volume control cover

Intuis DIR Technical Data

	Ear simulator	2 ccm coupler	
	IEC 118-0/A1	IEC 118-7/A1	Standard ANSI S3.22-2003 IEC 60118-7:2005
Output Sound Pressure Level (OSPL)			
at 2.5 kHz	137 dB	128 dB	–
Peak	138 dB	130 dB	130 dB
HFA ⁶ -OSPL 90	–	–	125 dB
Gain (Input 50 dB)			
Full-on Gain (FOG) at 2.5 kHz	70 dB	60 dB	–
Full-on Gain (Peak)	70 dB	60 dB	60 dB
HFA-FOG	–	–	55 dB
Reference Test Gain	62 dB	52 dB	48 dB
Frequency Range			
Low frequency limit	400 Hz*	150 Hz*	100 Hz
High frequency limit	6300 Hz*	5900 Hz*	6500 Hz
Total Harmonic Distortion			
500 Hz	5 %	4 %	4 %
800 Hz	5 %	4 %	4 %
1600 Hz	1 %	1 %	1 %
Equivalent Input Noise	20 dB	20 dB	20 dB
Induction Coil Sensitivity			
MASL ¹ (1mA/m) at 2.5 kHz	100 dB	90 dB	–
HFA SPLITS ² (left/right)	–	–	105/106 dB
STS ³ (left/right)	–	–	–3/–2 dB
AGC-O (–21 dB)			
Attack time	3 ms	3 ms	3 ms
Release time	95 ms	95 ms	95 ms
Battery Voltage	1.3 V	1.3 V	1.3 V
Battery Current	0.8 mA	0.8 mA	0.8 mA
Battery Life Type 13 Cell Zinc-Air	~250 h	~250 h	~250 h
IRIL⁴ IEC 118-13 (bystander condition)			
800-960 MHz	–10 dB	–10 dB	–
1400-2000 MHz	–10 dB	–10 dB	–
AI-DI⁵	–	4.0	–

* According to DIN 45605

¹ MASL = **M**agneto **A**coustical **S**ensitivity **L**evel

² SPLITS = Coupler **SPL** for an **I**nductive **T**elephone **S**imulator according to ANSI

³ STS = **S**imulated **T**elephone **S**ensitivity according to ANSI

⁴ IRIL = **I**nterference **R**elated **I**nterference **L**evel

⁵ AI-DI = **A**rticulation **I**ndex – **W**eighted **D**irectivity **I**ndex

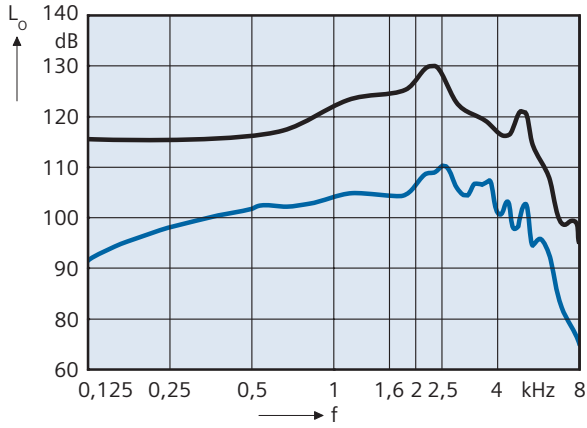
⁶ HFA = **H**igh **F**requency **A**verage

Intuis DIR Basic Data

Output Sound Pressure Level ($L_i = 90$ dB)

Full-on Gain ($L_i = 50$ dB)

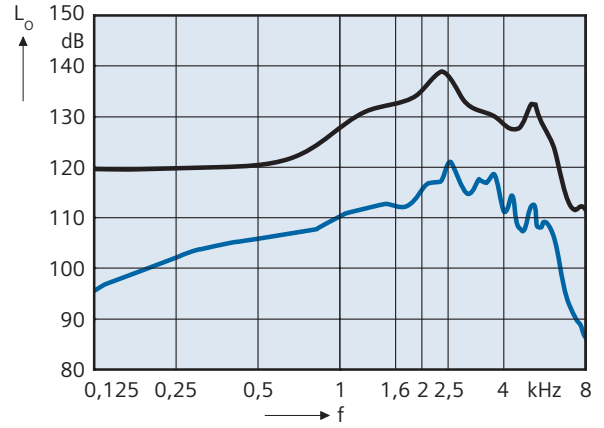
IEC 118-7/A1; IEC 60118-7:2005; ANSI S3.22-2003



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Full-on Gain ($L_i = 50$ dB)

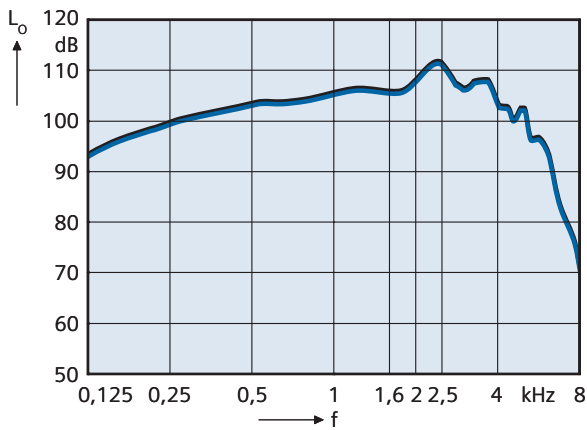
IEC 118-0/A1



Frequency Response ($L_i = 60$ dB)

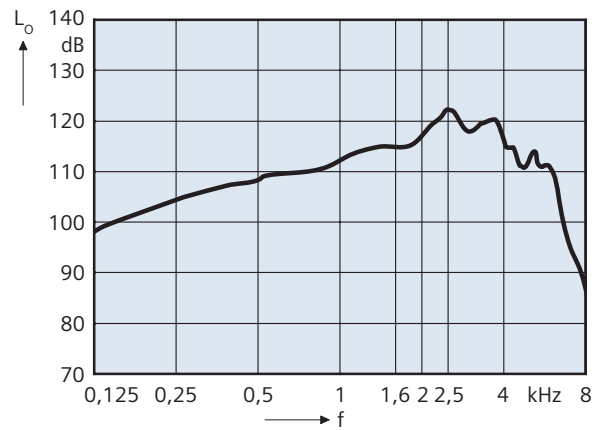
Basic Frequency Response ($L_i = 60$ dB)

IEC 118-7/A1; IEC 60118-7:2005; ANSI S3.22-2003



Basic Frequency Response ($L_i = 60$ dB)

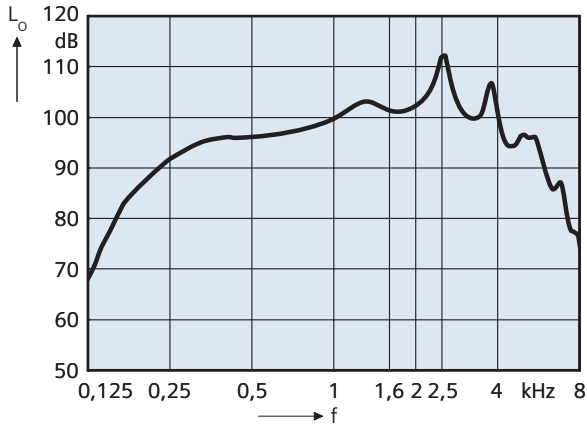
IEC 118-0/A1



Intuis DIR Basic Data

Inductive Response (H = 10 mA/m)

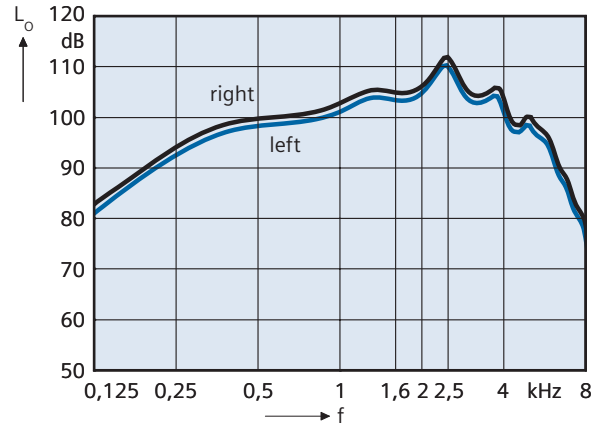
IEC 118-7/A1; IEC 60118-7:2005



SPLITS curve right (H = 31.6 mA/m)

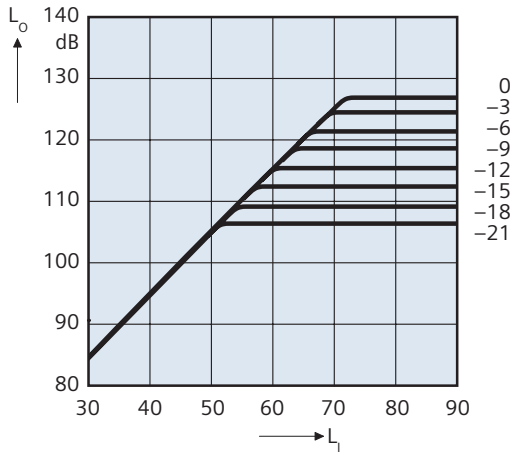
SPLITS curve left (H = 31.6 mA/m)

ANSI S3.22-2003



Effect of MPO-Control (FOG, f = 2 kHz)

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



Intuis DIR Basic Data

BTE instrument-order number

- 101 474 17 beige
101 721 71 granite
101 721 73 black
101 735 93 brown
101 735 98 grey

Accessories

- Type plate set
Order number: 101 475 06
- Eyeglass adapter, transparent
Order number: 072 452 280
- Earhook small set, transparent
Order number: 072 452 298
- Audio shoe, transparent
Order number: 101 475 11
- Volume control cover
Order number: 100 548 20
- Colour conversion kit, silver
Order number: 101 721 65
- Colour conversion kit, pearl white
Order number: 101 733 23
- Colour conversion kit, transparent
Order number: 100 581 72
- Colour conversion kit, transparent pink
Order number: 100 578 46
- Colour conversion kit, transparent purple
Order number: 100 578 47
- Colour conversion kit, transparent orange
Order number: 100 578 48
- Colour conversion kit, transparent green
Order number: 100 578 49
- Colour conversion kit, transparent blue
Order number: 100 578 50
- Colour conversion kit, baby pink
Order number: 101 743 19
- Colour conversion kit, baby blue
Order number: 101 743 18

Intuis DIR Basic Data

Siemens Audiologische Technik GmbH
Gebbertstraße 125
D-91058 Erlangen

<http://www.hoergeraete-siemens.de>
<http://www.hearing-siemens.com>

Änderungen vorbehalten/
Subject to change

Order No. A91SAT-00006-99T3-7600
Printed in the Fed. Rep. of Germany
Edition 02/2007 · SB