

Technical Data

Lotus Pro M



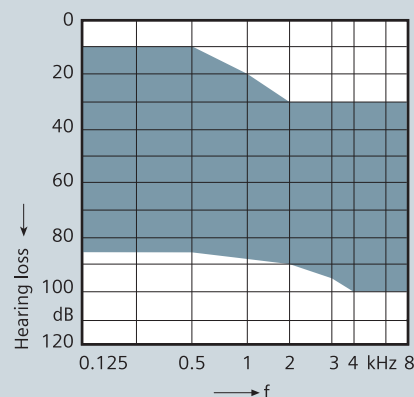
Description

- Moderate to severe hearing loss
- Fully digital 2 channel amplifier
- Standard listening environments
- Manual volume control
- Fitted with CONNEXX™

Standard features

- Directional microphone
- 1 AGC-I control
- Additional LC and HC controls
- 3+A programmable memories
- 1 flexible crossover frequency
- Battery type 13
- Beeps: low battery, program change, VC end position
- Microphone Noise Reduction
- Programmable telecoil
- Programmable audio input
- Compatible with cell phones, wireless phones and usual FM systems
- Battery door on/off function
- Push button for program selection
- Programmable On/Off function for push button

Fitting Range



Highlights

- FeedbackCancellation™
- Volume control
- Push button

Accessories

- Audio shoe
- Small earhook
- Eyeglass adapter

Data Sheet

Lotus Pro M · Technical Data

	2 ccm coupler	Ear simulator
	Standard ANSI S3.22-2003 IEC 60118-7:2005	IEC 118-0/A1
Output Sound Pressure Level		
at 1.6 kHz	–	132 dB
Peak	130 dB	138 dB
HFA ¹ -OSPL 90	125 dB	–
Gain		
Full-on Gain (FOG) at 1.6 kHz	–	62 dB
Full-on Gain (Peak)	60 dB	70 dB
HFA-FOG	55 dB	–
Reference Test Gain	48 dB	54 dB
Frequency Range (*DIN 45605)		
Low frequency limit	100 Hz	400 Hz*
High frequency limit	6500 Hz	6300 Hz*
Total Harmonic Distortion		
500 Hz	4 %	5 %
800 Hz	4 %	5 %
1600 Hz	1 %	1 %
Equivalent Input Noise	20 dB	20 dB
Inductive Coil Sensitivity		
MASL ² (1mA/m) at 1.6 kHz	–	90 dB
HFA-MASL (1mA/m)	85 dB	–
HFA SPLITS ³ (left/right)	105 / 106 dB	–
RSETS ⁴ (left/right)	-3 / -2 dB	–
AGC-O (fully activated)		
Attack time	3 ms	3 ms
Release time	95 ms	95 ms
Battery-Type 13		
Battery Voltage	1.3 V	1.3 V
Battery current drain	0.8 mA	0.8 mA
Battery life (Cell Zinc Air)	~250 h	~250 h
IRIL⁵ IEC 118-13:2004 (bystander)		
800-960 MHz	–	- 10 dB
1400-2000 MHz	–	- 10 dB
AI-DI⁶	4.0	

¹HFA= High Frequency Average

²MASL= Magneto Acoustical Sensitivity Level

³SPLITS=Coupler SPL for an Inductive Telephone Simulator

⁴RSETS=Relative Simulated Equivalent Telephone Sensitivity

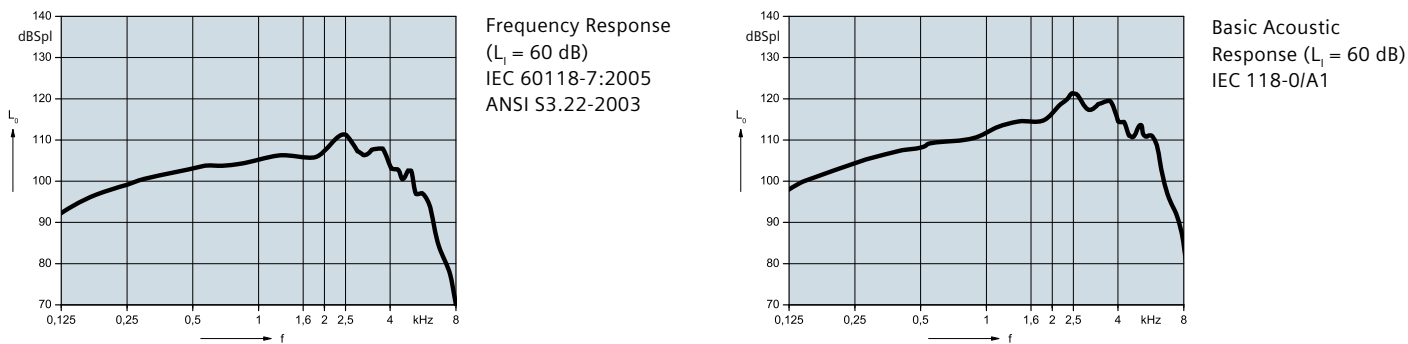
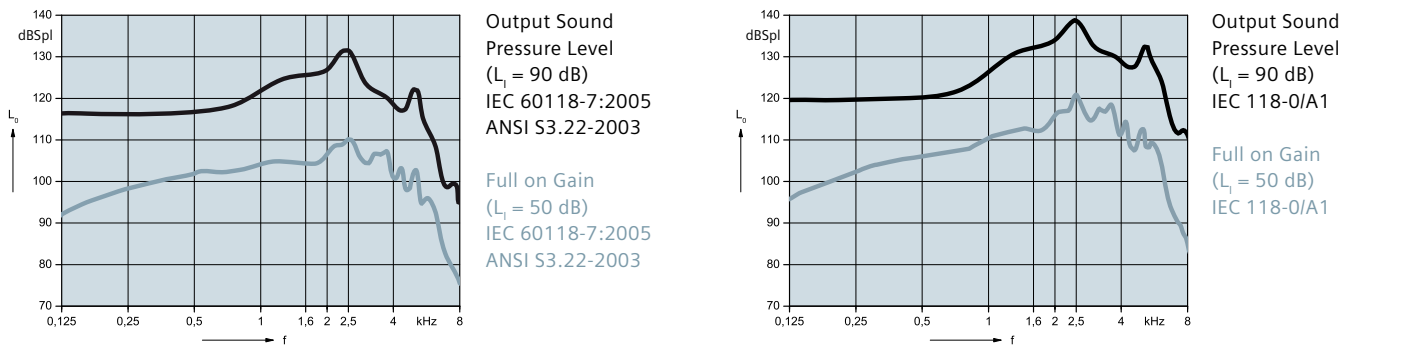
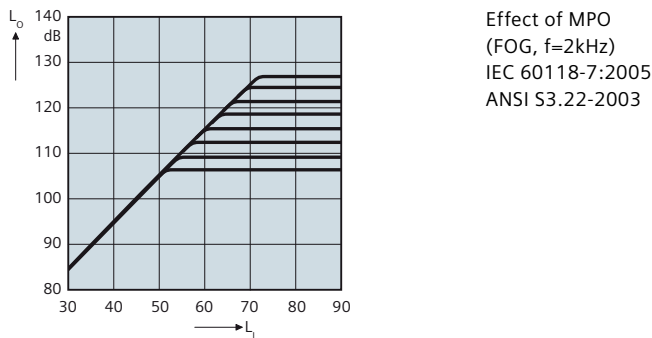
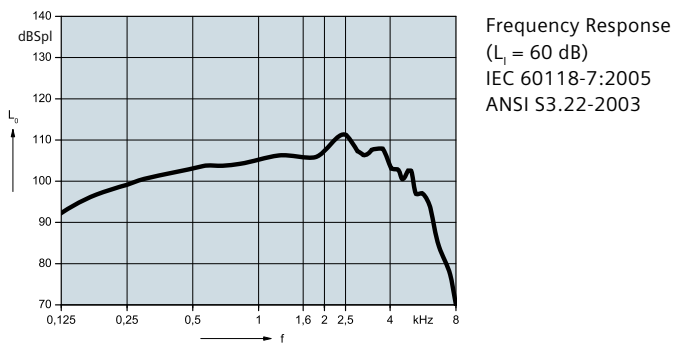
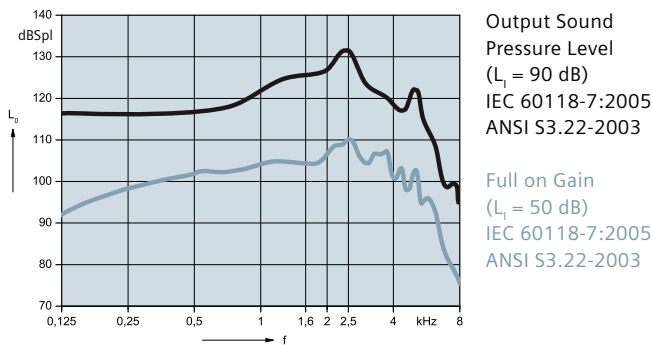
⁵IRIL=Input Related Interference Level

⁶AI-DI=Articulation Index - Weighted Directivity Index

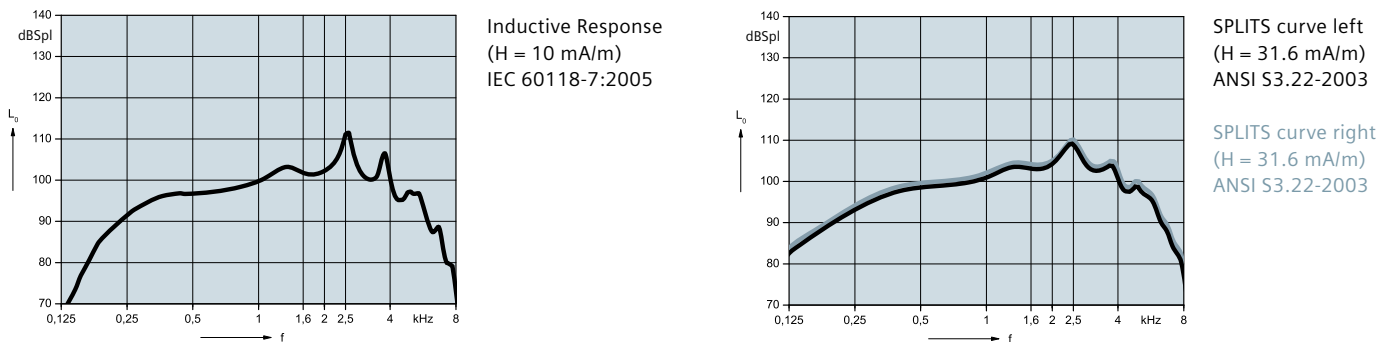
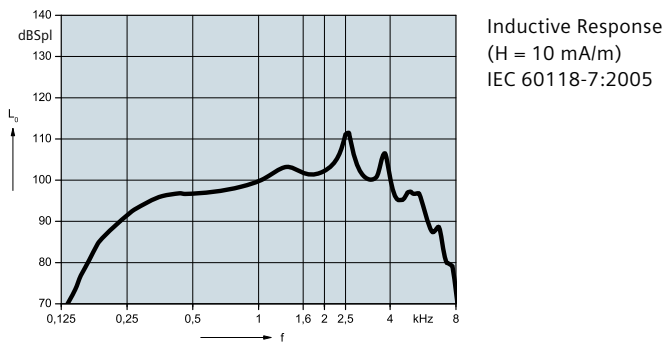
Lotus Pro M · Basic Data

2 ccm coupler

Ear simulator



Inductive Response



Lotus Pro M • Order numbers

Lotus Pro 2 M

- beige (1) _____ 106 716 81
- grey (3) _____ 106 716 83
- brown (4) _____ 106 716 82



Accessories

- Earhook
Order number: 078 188 05
- Earhook small
Order number: 072 452 98
- Eyeglass adapter set
Order number: 072 452 80
- Audio shoe
Order number: 101 475 11

WARNING

Instrument contains small parts.

Choking hazard!

- ▶ Do not use this instrument for the fitting of infants, small children or persons of mental incapacity.

WARNING

Instrument has an output sound pressure level of 132 dB SPL or more.

Risk of impairing the residual hearing of the user.

- ▶ Take special care when fitting this instrument.

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice. The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

Find the current issue of this document under:
<http://factsandfigures.hearing-siemens.com>