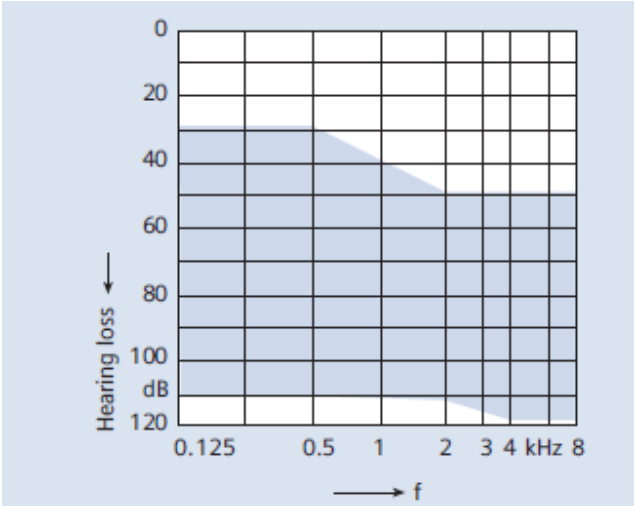
TEKNİK DATA
Intuis PRO SP DIR Dijital Programlanabilir İşitme Cihazı
4 Kanal, 12 Bant (4 Frekans Bantı, 8 Kompresyon Bantı)

Açıklama

- Programlanabilir kulak arkası işitme cihazı
- İleri- Çok ileri dereceye kadar işitme kaybı olanlar için en iyi çözüm
- Çift mikrofon
- Speech Direct
- VC (Otomatik ses kontrol)
- Feedback yönetimi
- Gürültü Azaltma
- Çapraz frekanslı, 4 değiştirilebilir baskılama kanalı
- Mikrofon, odyo pabucu ve telecoil bobini için 4 ayrı işitme programı
- Programlanabilir ses ayarı
- Klasik FM sistemleriyle uyumlu
- İş akışı odaklı CONNNEX yazılımı ile profesyonel ve verimli fitting (cihaz ayarlama)

Hoparlör

- Tamamen dijital 4 kanallı kulak arkası cihaz



Standart Özellikler

- Nano kaplama dış yüzey
- Telecoil bobini
- Odyo girişi
- Ses ayarı
- Açma kapama düğmeli pil kilit yuvası
- Program değiştirmek için program seçme düğmesi
- 675 numaralı pil
- Düşük pil seviyesinde uyarı
- MPO (Düşük frekansta maksimum çıkış)
- TC (Ses tını kontrol)
- PC (yüksek frekansta maksimum çıkış)
- AGC (otomatik kazanç kontrol)

Seçenekler

- Bej, granit, siyah, kahverengi, gri veya gümüş rengi kaplama dış yüzey
- İnci beyazı, açık pembe ve açık mavi renkleri için normal, pembe, mor, turuncu, yeşil ve pembe renkleri için saydam ve

  yarı saydam renk dönüştürme kiti.

Aksesuarlar

- Küçük boynuz
- Gözlük adaptörü
- Odyo Pabucu

Technical Data
Intuis Pro SP Dir

Description

- Programmable BTE instrument
- Optimized solution for severe to profound 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, telecoil and audio input
- Programmable volume control
- Compatible with usual in trade FM-systems
- Professional and efficient fitting with the workflow oriented Connexx™ software
- Speech Direct
- Adjustable 4 channel 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 675
- Alert tones for low battery voltage
- Telecoil

Options

- Housings in beige, granite, brown and grey

Accessories

- Small earhook
- Eyeglass adapter
- Audio shoe

Data Sheet

www.siemens.com/hearing

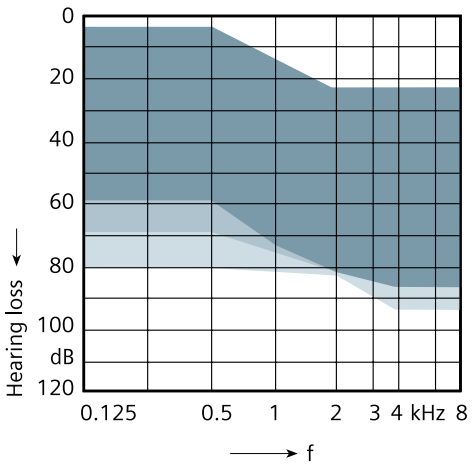
SIEMENS

Intuis Pro · Technical Data

Type	Intuis Pro Dir Earhook		Intuis Pro SP Dir Earhook	
	2 ccm coupler	Ear simulator	2 ccm coupler	Ear simulator
Output sound pressure level				
at 1.6 kHz	–	133 dB SPL	–	136 dB SPL
Peak	130 dB SPL	138 dB SPL	138 dB SPL	141 dB SPL
HFA-OSPL 90	125 dB SPL	–	131 dB SPL	–
Gain				
Full-on gain (FOG) at 1.6 kHz	–	63 dB	–	77 dB
Full-on gain (Peak)	60 dB	70 dB	80 dB	83 dB
HFA-FOG	55 dB	–	72 dB	–
Reference test gain	48 dB	62 dB	55 dB	60 dB
Frequency, noise and directivity				
Frequency range	100 - 6500 Hz	400 - 6300 Hz	100 - 5700 Hz	120 - 5900 Hz
Equivalent input noise	20 dB SPL	20 dB SPL	15 dB SPL	17 dB SPL
Total harmonic distortion at 500 / 800 / 1600 Hz	4 / 4 / 1 %	5 / 5 / 1 %	3 / 2 / 1 %	3 / 2 / 1 %
AI-DI	4.0 dB		4.0 dB	
Inductive coil sensitivity				
MASL (1 mA/m) at 2.5 kHz	–	100 dB	–	107 dB
HFA SPLITS (left/right)	105/106 dB	–	109/116 dB	–
RSETS (left/right)	-3/-2 dB	–	-6/1 dB	–
AGC-O (fully activated)				
Attack / release time	3 / 95 ms		3 / 100 ms	
Battery				
Battery voltage	1.3 V	1.3 V	1.3 V	1.3 V
Battery current drain	0.9 mA	0.8 mA	1.6 mA	1.0 mA
Battery life (cell zinc air)	~ 230 h	~ 250 h	~ 300 h	~ 480 h
IRIL IEC 118-13:2011 (bystander)				
800 - 960 MHz	< -10 dB SPL		< -10 dB SPL	
1400 - 2000 MHz	< -10 dB SPL		< -5 dB SPL	

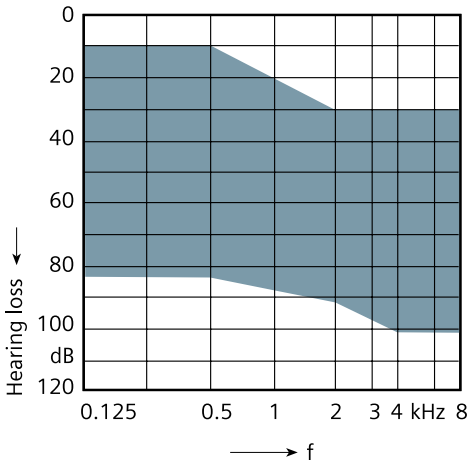
Fitting range

Intuis Pro S Dir

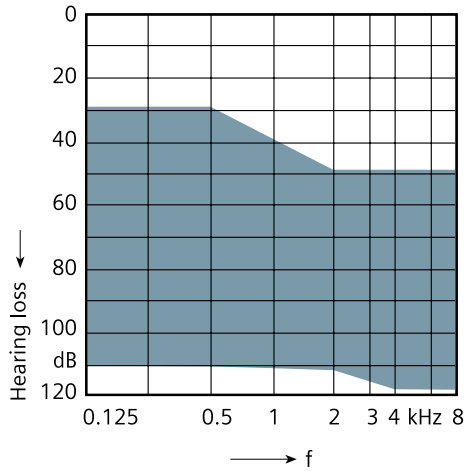


LifeTube open
\+ LifeTube closed
\+ \+ Earhook

Intuis Pro Dir

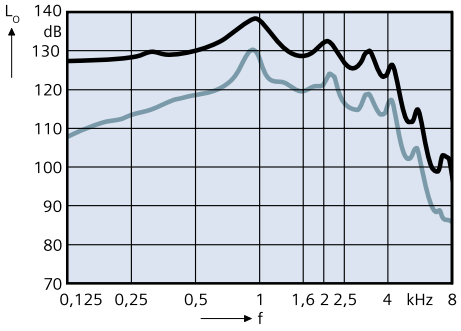


Intuis Pro SP Dir



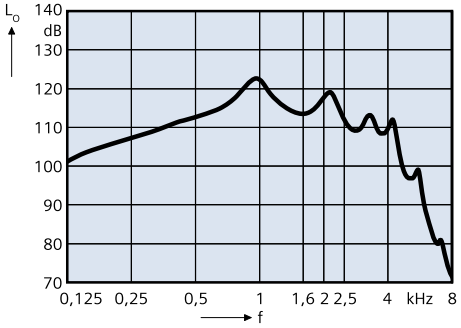
Intuis Pro SP Dir (Earhook) · Basic Data

2 ccm coupler



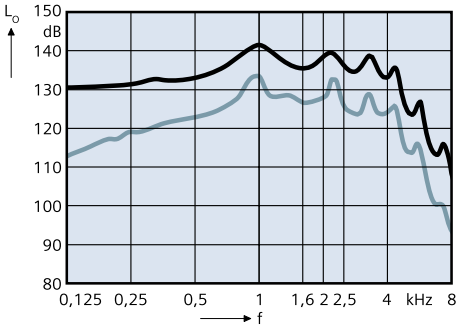
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



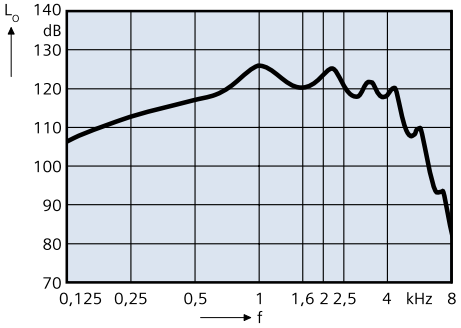
Frequency response (L_I = 60 dB)

Ear simulator



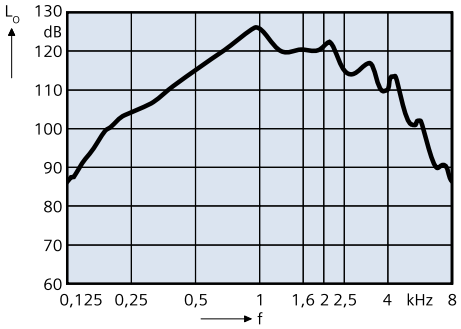
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)

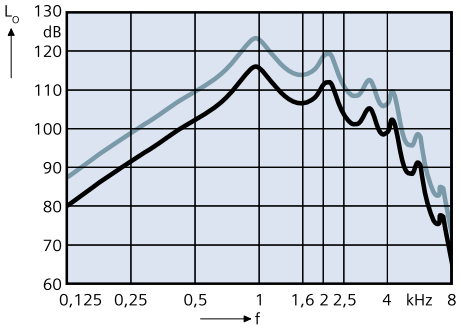


Basic acoustic response (L_I = 60 dB)

Inductive response



Inductive response (H = 10 mA/m)



SPLITS curve left (H = 31.6 mA/m)

SPLITS curve right (H = 31.6 mA/m)

Abbreviations and Standards

Abbreviations

The following abbreviations are used in this datasheet:

OSPL	Output Sound Pressure Level
HFA	High Frequency Average
FOG	Full-On Gain
MASL	Magneto Acoustical Sensitivity Level
SPLITS	Coupler SPL for an Inductive Telephone Simulator
RSETS	Relative Equivalent Telephone Sensitivity
AI-DI	Articulation Index - Directivity Index
AGC-O	Automatic Gain Control - Output controlled
IRIL	Input Related Interference Level

Standards

- All measurements with the 2 ccm coupler were performed according to ANSI S3.22-2009 and IEC 60118-7:2005.
- All measurements with an ear simulator were performed according to IEC 118-0/A1 and to DIN 45605 (frequency range).
- The following ear pieces were used:
  - Earhook
  - LifeTube

⚠ WARNING

Choking hazard posed by small parts.

- This instrument is not intended for the fitting of infants, small children and 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

Order No. A91SAT-02251-99T2-7600

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