

TEKNİK DATA SIEMENS

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

Açıklama

- Programlanabilir kulak arkası işitme cihazı
- Hafif – Hafif Orta dereceye kadar işitme kayıplarında,
- Çift Mikrofon
- Feedback Yönetimi
- Gürültü Azaltma (4 Kanallı Adaptif)
- Çapraz frekanslı, 4 değiştirilebilir baskılama kanalı
- Speech Direct
- VC (Otomatik ses kontrol)
- Mikrofon, odyo pabucu ve telefon bobini için 4 ayrı işitme programı
- İş akışı odaklı CONNNEX yazılımı ile profesyonel ve verimli fitting (cihaz ayarlama)

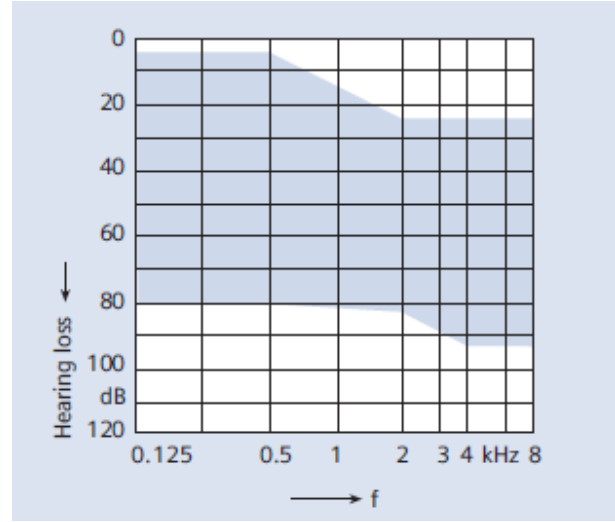


Hoparlör

- Tamamen dijital 4 kanallı kulak arkası cihaz

Standart Özellikler

- Program değiştirmek için program seçme düğmesi
- Açma kapama düğmeli pil kilit yuvası
- Nano kaplama dış yüzey
- FM uyumlu
- 13 numaralı pil
- Düşük pil seviyesinde uyarı
- Telecoil bobini
- MPO (Düşük frekansta maksimum kazanç)
- 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 rengi için normal, pembe, mor, turuncu, yeşil ve pembe renkleri için saydam ve yarı saydam renk dönüştürme kiti.

Aksesuarlar

- Küçük boynuz
- Gözlük adaptörü

SIEMENS

Technical Data

Intuis Pro S Dir



Description

- Programmable BTE instrument
- Optimized solution for mild to moderate 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 and telecoil
- 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

- 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

- Housings in beige, granite, brown and grey

Accessories

- Small earhook
- Eyeglass adapter
- Life Fitting set

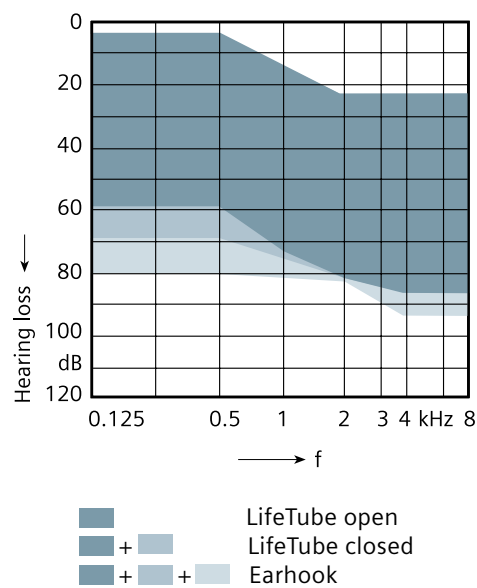
Data Sheet

Intuis Pro · Technical Data

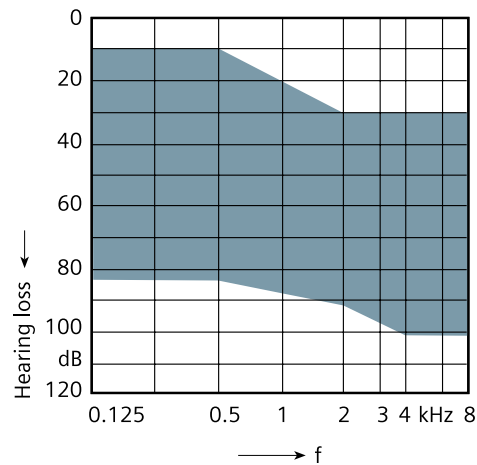
| Type | Intuis Pro S Dir | | | |
|--|------------------|---------------|---------------|---------------|
| | Earhook | | LifeTube | |
| | 2 ccm coupler | Ear simulator | 2 ccm coupler | Ear simulator |
| Output sound pressure level | | | | |
| at 1.6 kHz | – | 128 dB SPL | – | 120 dB SPL |
| Peak | 124 dB SPL | 132 dB SPL | 123 dB SPL | 126 dB SPL |
| HFA-OSPL 90 | 122 dB SPL | – | 115 dB SPL | – |
| Gain | | | | |
| Full-on gain (FOG) at 1.6 kHz | – | 59 dB | – | 48 dB |
| Full-on gain (Peak) | 55 dB | 64 dB | 53 dB | 56 dB |
| HFA-FOG | 51 dB | – | 44 dB | – |
| Reference test gain | 45 dB | 55 dB | 38 dB | 47 dB |
| Frequency, noise and directivity | | | | |
| Frequency range | 100 - 6300 Hz | 280 - 6300 Hz | 100 - 5900 Hz | 100 - 6300 Hz |
| Equivalent input noise | 19 dB SPL | 18 dB SPL | 21 dB SPL | 19 dB SPL |
| Total harmonic distortion at 500 / 800 / 1600 Hz | 3 / 2 / 1 % | 3 / 2 / 1 % | 2 / 1 / 1 % | 2 / 1 / 1 % |
| AI-DI | 3.5 dB | | 4.0 dB | |
| Inductive coil sensitivity | | | | |
| MASL (1 mA/m) at 2.5 kHz | – | 94 dB | – | 85 dB |
| HFA SPLITS (left/right) | 104/102 dB | – | 97/95 dB | – |
| RSETS (left/right) | -1/-3 dB | – | -1/-3 dB | – |
| AGC-O (fully activated) | | | | |
| Attack / release time | 5 / 95 ms | | 2 / 100 ms | |
| Battery | | | | |
| Battery voltage | 1.3 V | 1.3 V | 1.3 V | 1.3 V |
| Battery current drain | 0.8 mA | 0.7 mA | 0.8 mA | 0.8 mA |
| Battery life (cell zinc air) | ~ 280 h | ~ 320 h | ~ 250 h | ~ 250 h |
| IRIL IEC 118-13:2011 (bystander) | | | | |
| 800 - 960 MHz | < -10 dB SPL | | < -10 dB SPL | |
| 1400 - 2000 MHz | < -10 dB SPL | | < -10 dB SPL | |

Fitting range

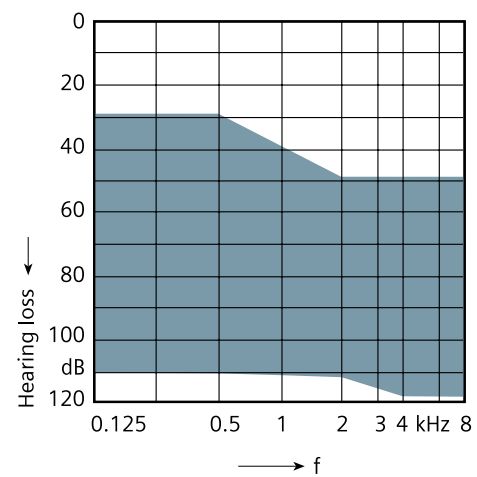
Intuis Pro S Dir



Intuis Pro Dir

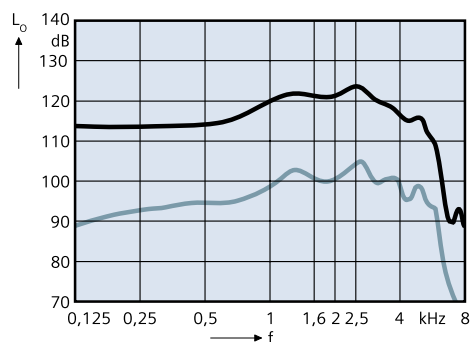


Intuis Pro SP Dir



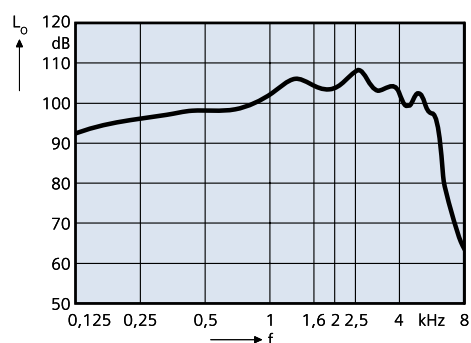
Intuis Pro S Dir (Earhook) · Basic Data

2 ccm coupler



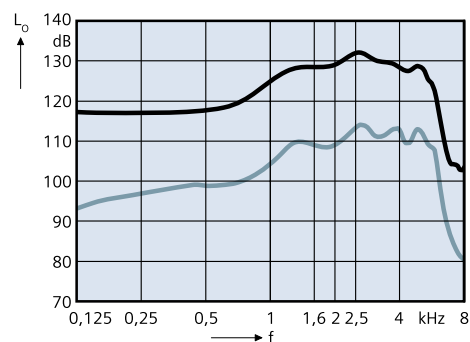
Output sound pressure level
($L_1 = 90$ dB)

Full on gain
($L_1 = 50$ dB)



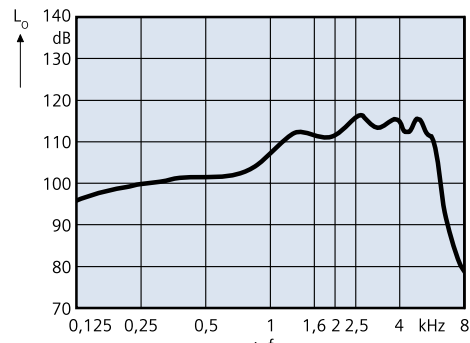
Frequency response
($L_1 = 60$ dB)

Ear simulator



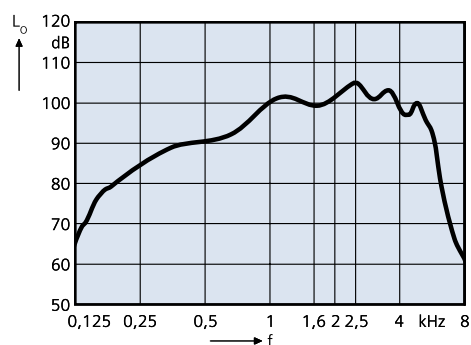
Output sound pressure level
($L_1 = 90$ dB)

Full on gain
($L_1 = 50$ dB)

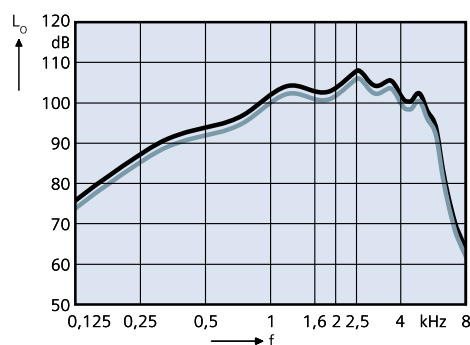


Basic acoustic response
($L_1 = 60$ dB)

Inductive response



Inductive response
($H = 10$ mA/m)

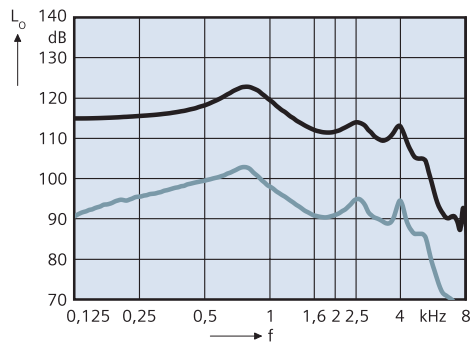


SPLITS curve left
($H = 31.6$ mA/m)

SPLITS curve right
($H = 31.6$ mA/m)

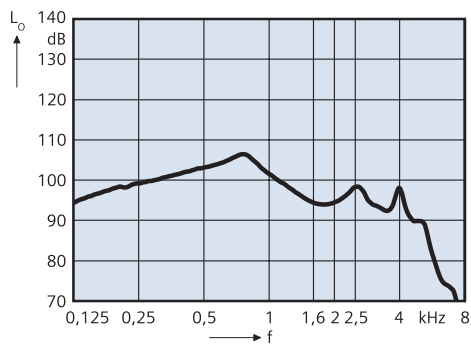
Intuis Pro S Dir (LifeTube) · Basic Data

2 ccm coupler



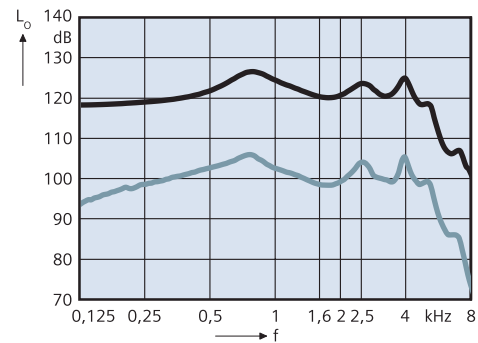
Output sound pressure level
($L_1 = 90$ dB)

Full on gain
($L_1 = 50$ dB)



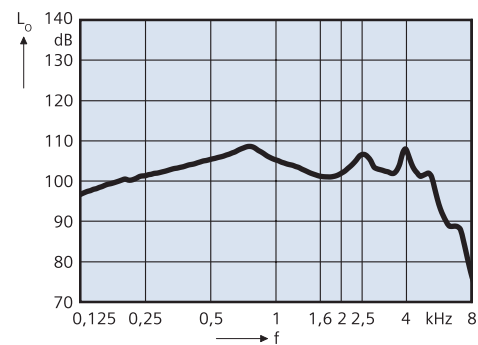
Frequency response
($L_1 = 60$ dB)

Ear simulator



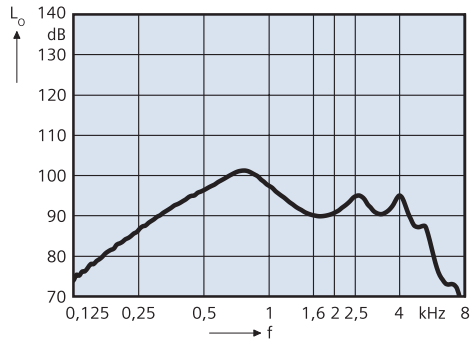
Output sound pressure level
($L_1 = 90$ dB)

Full on gain
($L_1 = 50$ dB)

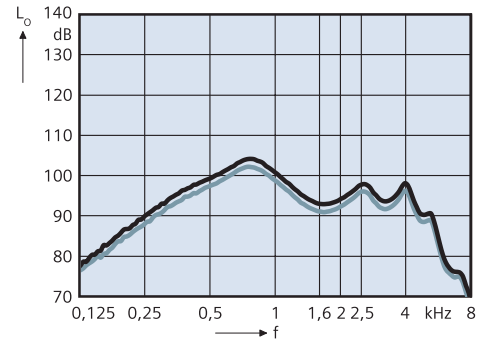


Basic acoustic response
($L_1 = 60$ dB)

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>