

TEKNİK DATA

SIEMENS – Nitro 301 SP

Dijital programlanabilir işitme cihazı

- İleri – çok ileri dereceli işitme kayıplarında
- 8 kanallı 20 bantlı (8 frekans bandı, 12 kompresyon bandı)
- 5 programlı, 2 mikrofonlu, FM sistemine uyumlu

Best Sound Odyolojik Özellikler

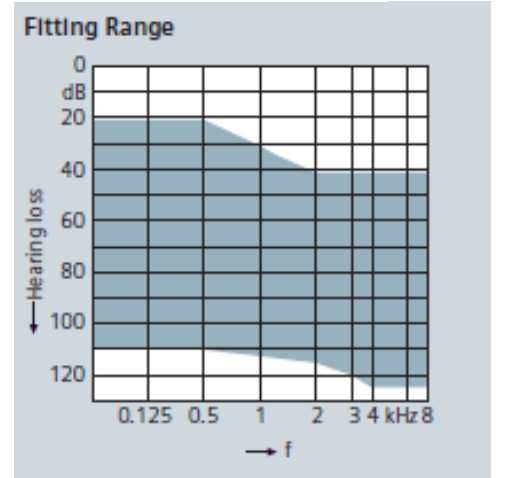
- VC manuel ses kontrol
- Çift mikrofon
- Gürültü azaltma
- E2e wireless 2.0 ile Binaural senkronizasyon
- Veri öğrenme
- Feedback yönetimi
- eWindScreen™ (Rüzgar gürültüsü azaltma sistemi)
- PC (Yüksek frekansta maksimum çıkış)
- MPO (Düşük frekansta maksimum çıkış)
- TC (Ses tını kontrol)
- AGC (otomatik kazanç kontrol)

Standart Özellikler

- Program değişikliği için uyarıcı program seçme düğmesi
- Kolay ses ve durma kontrolü
- LED
- AutoPhone™
- Telecoil
- FM uyumu
- Açma kapama düğmeli pil kilit yuvası
- Nano kaplama

Aksesuarlar

- Kablosuz sistem Tek™
- Uzaktan kontrol mini tek
- Uzaktan kontrol ProPocket™
- Uzaktan kontrol ePen™
- Boynuz



Nitro 301 SP · Technical Data

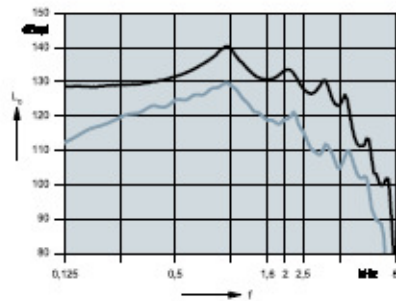
	Standard Earhook	
	2 ccm coupler	Ear simulator
	IEC 60118-7:2005	IEC 118-Q/A1
Output Sound Pressure Level		
at 1.6 kHz	–	139 dB
Peak	141 dB	145 dB
HFA ¹ -OSPL 90	134 dB	–
Gain		
Full-on Gain (FOG) at 1.6 kHz	–	79 dB
Full-on Gain (Peak)	80 dB	84 dB
HFA-FOG	73 dB	–
Reference Test Gain	57 dB	64 dB
Frequency Range (*DIN 45605)		
Low frequency limit	100 Hz	117 Hz*
High frequency limit	5900 Hz	6000 Hz*
Total Harmonic Distortion		
500 Hz	4 %	4 %
800 Hz	2 %	2 %
1600 Hz	1 %	1 %
Equivalent Input Noise	19 dB	16 dB
Inductive Coil Sensitivity		
MASL ² (HFA-MASL*) (1mA/m)	103 dB*	110 dB
HFA SPLITS ³ (left/right)	113/116 dB	–
RSETS ⁴ (left/right)	-3/0 dB	–
AGC-O (fully activated)		
Attack time	5 ms	5 ms
Release time	110 ms	110 ms
Battery-Type 675		
Battery Voltage	1.3 V	1.3 V
Battery current drain	1.9 mA	1.2 mA
Battery life (Cell Zinc Air)	~200 h	~320 h
IRIL⁵ IEC 118-13:2004 (bystander)		
800-960 MHz	-22 dB	
1400-2000 MHz	-12 dB	
AI-DI⁶	4.0 dB	

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

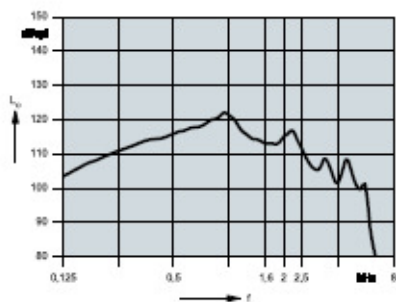
Nitro 301 SP · Basic Data

2 ccm coupler

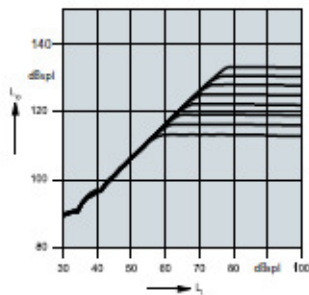


Output Sound Pressure Level
($L_I = 90$ dB)
IEC 60118-7:2005;
ANSI S3.22-2003

Full on Gain
($L_I = 50$ dB)
IEC 60118-7:2005;
ANSI S3.22-2003

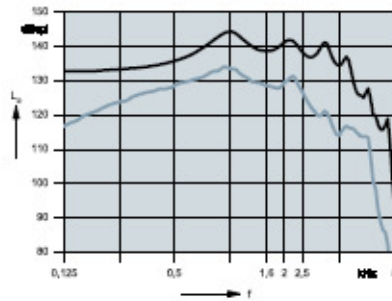


Frequency Response
($L_I = 60$ dB)
IEC 60118-7:2005;
ANSI S3.22-2003



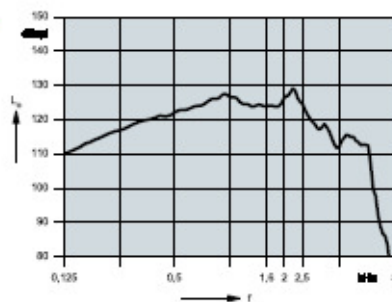
Effect of MPO
(FOG, $f=2$ kHz)
IEC 60118-7:2005;
ANSI S3.22-2003

Ear simulator



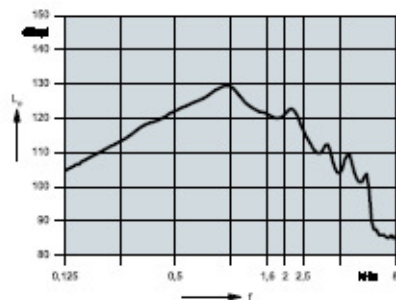
Output Sound Pressure Level
($L_I = 90$ dB)
IEC 118-0/A1

Full on Gain
($L_I = 50$ dB)
IEC 118-0/A1

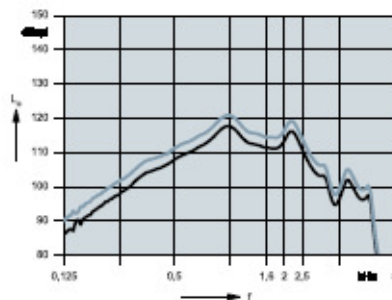


Basic Acoustic Response ($L_I = 60$ dB)
IEC 118-0/A1

Inductive Response



Inductive Response
($H = 10$ mA/m)
IEC 60118-7:2005;



SPLITS curve left
($H = 31.6$ mA/m)
ANSI S3.22-2003

SPLITS curve right
($H = 31.6$ mA/m)
ANSI S3.22-2003