

TEKNİK DATA

Life 3 mi Dijital Programlanabilir İşitme Cihazı

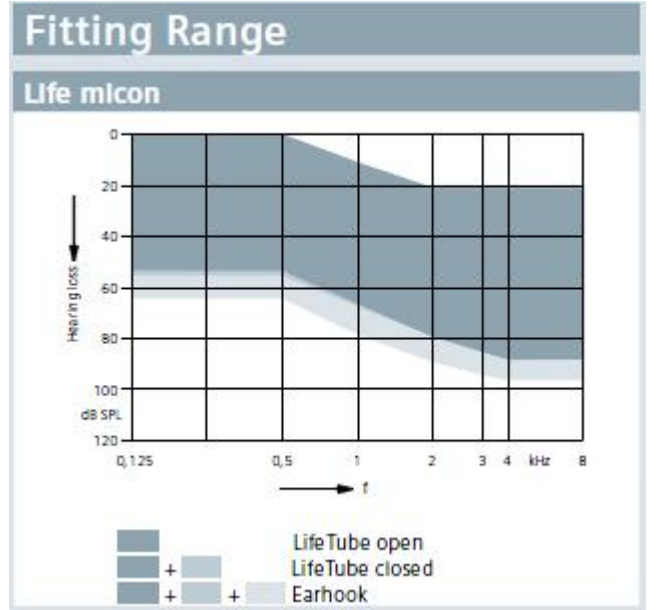
24 Kanal, 48 Bant (12 Frekans Bantı, 36 Kompresyon Bantı)

Açıklama



- Hafif, Orta - ileri dereceli işitme kayıplarında kullanılan kulak arkası RIC işitme cihazı
- Çift mikrofon
- Basma düğmesi
- 312 numaralı pil
- Konuşma odaklılık
- TruEar™
- Frekans baskılama
- VC (Otomatik ses kontrol)
- Feedback yönetimi
- Gürültü Azaltma
- Ses berraklığı
- Tinnitus maskeleyme (12 kanal)
- Hasta veri girişi
- InSituGram™
- miniTek ile FM uyumlu
- MPO (Düşük frekansta maksimum çıkış)
- AGC (kazanç kontrol)
- TC (Ses tını kontrol)
- PC (yüksek frekansta maksimum çıkış)

Aksesuarlar

- eCharger
- Kablosuz sistemTek™
- Uzaktan kontrol ProPocket™
- Uzaktan kontrol ePen™
- ConnexLink™ Kablosuz programlama

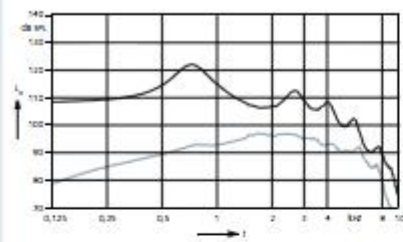


Life micon · Technical Data

Type	LifeTube		Earhook	
				
	2 ccm coupler	Ear simulator	2 ccm coupler	Ear simulator
Output Sound Pressure Level				
at 1.6 kHz	–	116 dB SPL	–	129 dB SPL
Peak	121 dB SPL	126 dB SPL	123 dB SPL	132 dB SPL
HFA-OSPL 90	111 dB SPL	–	120 dB SPL	–
Gain				
Full-on Gain (FOG) at 1.6 kHz	–	54 dB	–	52 dB
Full-on Gain (Peak)	47 dB	56 dB	57 dB	65 dB
HFA-FOG	45 dB	–	45 dB	–
Reference Test Gain	34 dB	41 dB	43 dB	47 dB
Frequency, Noise and Directivity				
Frequency Range 7mi 5mi	< 100 - 8100 Hz < 100 - 8000 Hz	300 - 9100 Hz 300 - 8000 Hz	< 130 - 8200 Hz < 130 - 8000 Hz	1100 - 10000 Hz 1100 - 8000 Hz
Equivalent Input Noise	16 dB	25 dB	23 dB	28 dB
Total Harmonic Distortion at 500 / 800 / 1600 Hz	1 / 1 / 1 %	1 / 1 / 2 %	1 / 1 / 1 %	2 / 2 / 1 %
AI-DI	3.5 dB		3.5 dB	
AGC-O (fully activated)				
Attack / Release Time	3 / 90 ms	–	3 / 90 ms	–
Battery				
Battery Voltage	1.3 V		1.3 V	
Battery Current Drain	0.8 mA		0.8 mA	
Battery (Cell Zinc Air)	~ 190 h		~ 190 h	
IRIL IEC 118-13:2011 (bystander)				
800 - 960 MHz	< - 12 dB SPL		< - 12 dB SPL	
1400 - 2000 MHz	< - 12 dB SPL		< - 12 dB SPL	
ANSI C63.19	M4		M4	

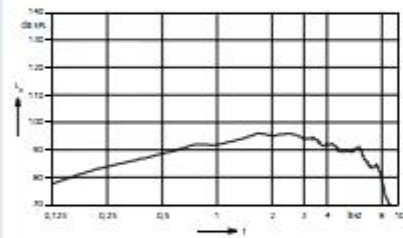
Life micon · Basic Data (LifeTube)

2 ccm coupler

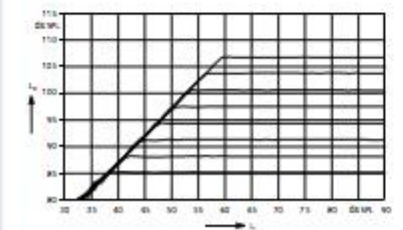


Output Sound Pressure Level
($L_p = 90$ dB)

Full on Gain
($L_p = 50$ dB)

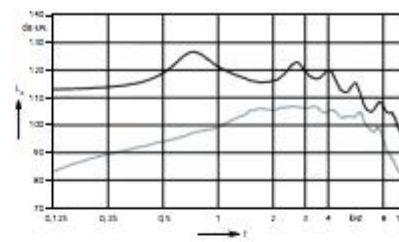


Basic Acoustic Response
($L_p = 60$ dB)



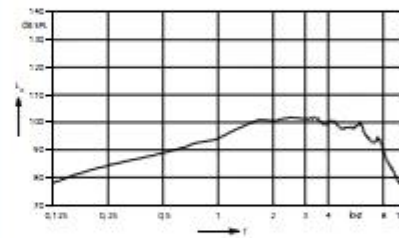
Effect of MPO
(FOG, $f = 2$ kHz)

Ear simulator



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

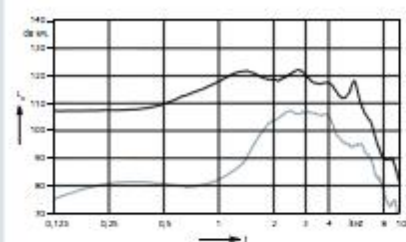
Full on Gain
($L_p = 50$ dB)



Basic Acoustic Response
($L_p = 60$ dB)

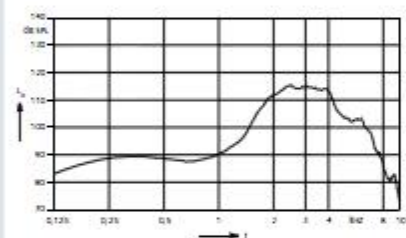
Life micon · Basic Data (Earhook)

2 ccm coupler

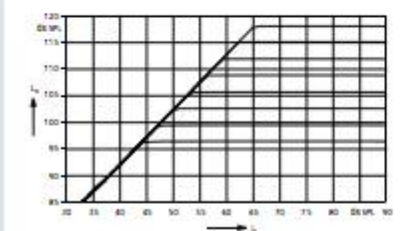


Output Sound Pressure Level
($L_1 = 90$ dB)

Full on Gain
($L_1 = 50$ dB)

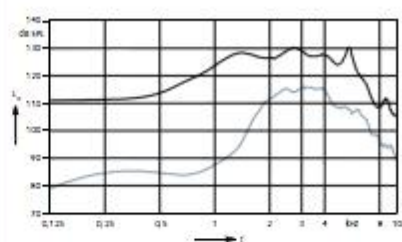


Basic Acoustic Response
($L_1 = 60$ dB)



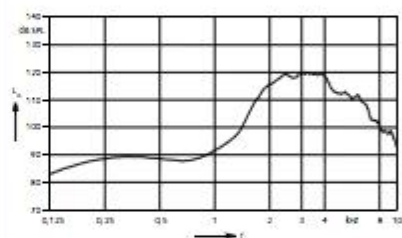
Effect of MPO
(FOG, $f = 2$ kHz)

Ear simulator



Output Sound Pressure Level
($L_1 = 90$ dB)

Full on Gain
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Basic Acoustic Response
($L_1 = 60$ dB)