



TEKNİK DATA


Charismo 2, 12

Açıklama

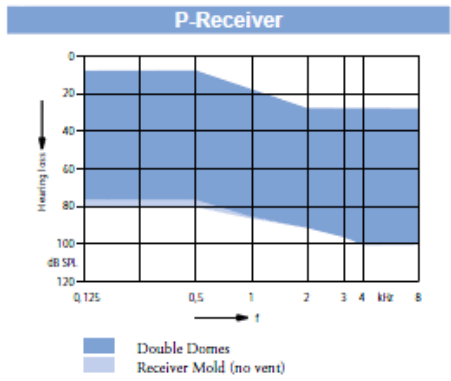
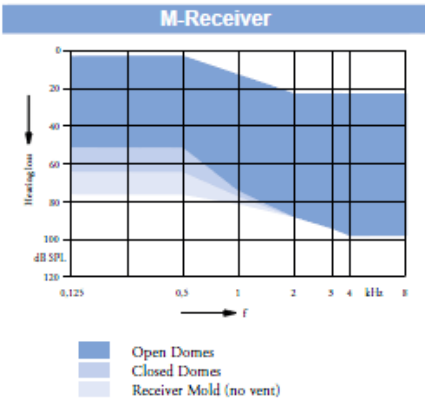
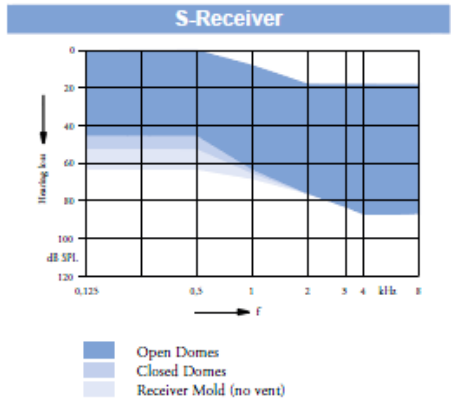
- Hafif, Orta - ileri dereceli işitme kayıplarında kullanılan kulak arkası RIC işitme cihazı
- 24 kanallı, 2 mikrofonlu, 5 programlı
- HD mikrofon
- Otomatik odaklanma
- Yumuşak seviye odaklanma
- Akıllı otomatik çevre yönetimi
- 10 numaralı pil ile çalışır
- Frekans baskılama
- Feedback engelleme
- Rüzgar gürültüsü engelleme
- Hasta veri girişi
- FM sistemleriyle uyumludur
- Düşük frekansta maksimum kazanç (MPO)
- GC (kazanç kontrol)
- TC (Ses tını kontrol)
- PC (yüksek frekansta maksimum çıkışı)



Type	S-Receiver		M-Receiver	
				
	2 ccm coupler	Ear simulator	2 ccm coupler	Ear simulator
Output Sound Pressure Level				
at 1.6 kHz	–	108 dB SPL	–	116 dB SPL
Peak	108 dB SPL	118 dB SPL	113 dB SPL	123 dB SPL
HFA-OSPL 90	102 dB SPL	–	107 dB SPL	–
Gain				
Full-on Gain (FOG) at 1.6 kHz	–	44 dB	–	52 dB
Full-on Gain (Peak)	45 dB	55 dB	55 dB	65 dB
HFA-FOG	37 dB	–	44 dB	–
Reference Test Gain	25 dB	33 dB	30 dB	41 dB
Frequency, Noise and Directivity				
Frequency Range 18 2°	< 100 - 10000 Hz	< 100 - 10200 Hz	< 100 - 8700 Hz	< 100 - 10000 Hz
12 2°	< 100 - 8200 Hz	< 100 - 8300 Hz	< 100 - 8000 Hz	< 100 - 8200 Hz
Equivalent Input Noise	19 dB	22 dB	19 dB	22 dB
Total Harmonic Distortion at 500 / 800 / 1600 Hz	1 / 1 / 1 %	1 / 1 / 2 %	1 / 2 / 1 %	2 / 3 / 2 %
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	1.3 V	1.3 V
Battery current drain	0.7 mA	0.7 mA	0.9 mA	0.9 mA
Battery (Cell Zinc Air)	~ 100 h	~ 100 h	~ 75 h	~ 75 h
IRIL IEC 118-13:2004 (bystander)				
800-960 MHz	< -27 dB		< -27 dB	
1400-2000 MHz	< -24 dB		< -24 dB	
ANSI C63.19	M4		M4	

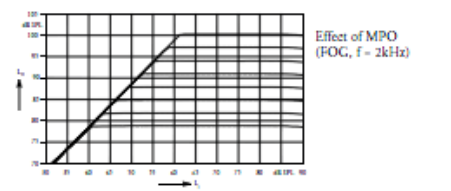
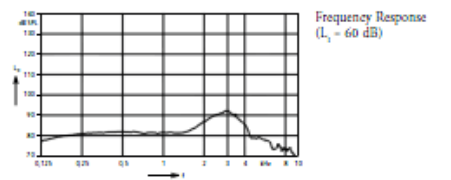
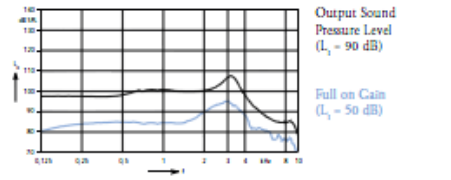
Type	P-Receiver	
		
	2 ccm coupler	Ear simulator
Output Sound Pressure Level		
at 1.6 kHz	-	123 dB SPL
Peak	118 dB SPL	126 dB SPL
HFA-OSPL 90	112 dB SPL	-
Gain		
Full-on Gain (FOG) at 1.6 kHz	-	61 dB
Full-on Gain (Peak)	60 dB	70 dB
HFA-FOG	51 dB	-
Reference Test Gain	35 dB	48 dB
Frequency, Noise and Directivity		
Frequency Range 18 2°	< 100 - 7800 Hz	< 120 - 8500 Hz
12 2°	< 100 - 7800 Hz	< 120 - 8200 Hz
Equivalent Input Noise	19 dB	22 dB
Total Harmonic Distortion at 500 / 800 / 1600 Hz	1 / 2 / 1 %	1 / 2 / 1 %
AI-DI	3.5 dB	
AGC-O (fully activated)		
Attack / Release time	3 / 90 ms	-
Battery		
Battery Voltage	1.3 V	1.3 V
Battery current drain	0.9 mA	0.9 mA
Battery (Cell Zinc Air)	- 75 h	- 75 h
IRIL IEC 118-13:2004 (bystander)		
800-960 MHz	< -27 dB	
1400-2000 MHz	< -24 dB	
ANSI C63.19	M4	

Fitting Range

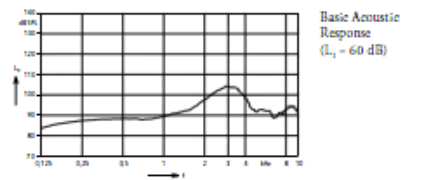
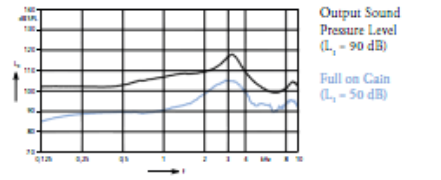


Basic Data (S-Receiver, Closed Dome)

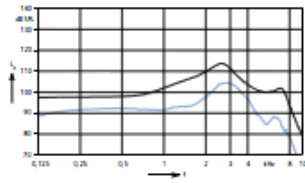
2 ccm coupler



Ear simulator

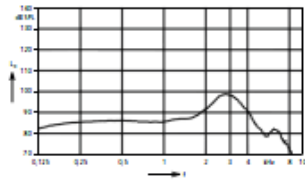


2 ccm coupler

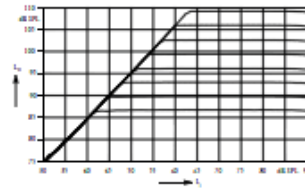


Output Sound Pressure Level
($L_1 = 90$ dB)

Full on Gain
($L_1 = 50$ dB)

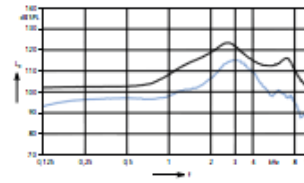


Frequency Response
($L_1 = 60$ dB)



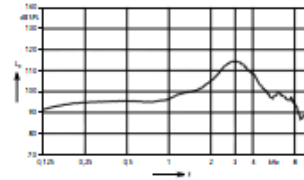
Effect of MPO
(FOG, $f = 2$ kHz)

Ear simulator



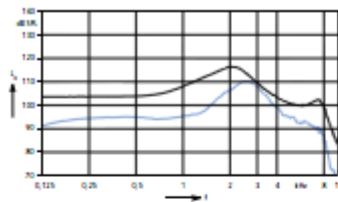
Output Sound Pressure Level
($L_1 = 90$ dB)

Full on Gain
($L_1 = 50$ dB)



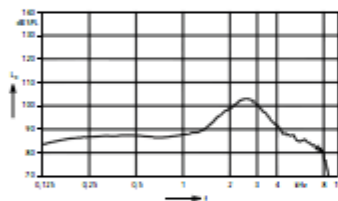
Basic Acoustic Response
($L_1 = 60$ dB)

2 ccm coupler

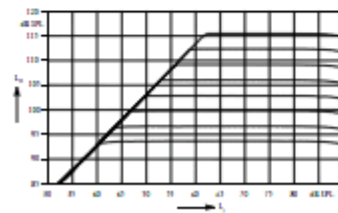


Output Sound Pressure Level
($L_1 = 90$ dB)

Full on Gain
($L_1 = 50$ dB)

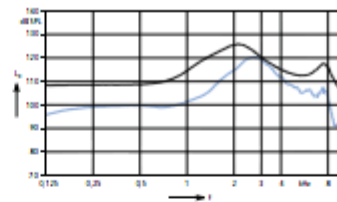


Frequency Response
($L_1 = 60$ dB)



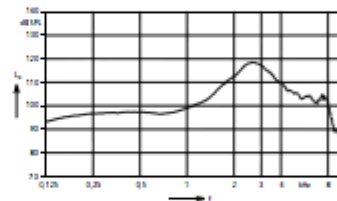
Effect of MPO
(FOG, $f = 2$ kHz)

Ear simulator



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

Full on Gain
($L_1 = 50$ dB)



Basic Acoustic Response
($L_1 = 60$ dB)