

T Moxi Fit Pro, T Moxi Fit 800, T Moxi Fit 700, T Moxi Fit 600, T Moxi Fit 500
312 receiver in canal (RIC) hearing aid series



Moxi Fit

SoundCore

		T Pro	T 800	T 700	T 600	T 500
SoundNav	Music	•	•			
	Noise	•	•	•		
	Conversation in a crowd	•	•	•		
	Conversation in a small group	•	•	•		
	Conversation in quiet	•	•	•	•	
	Conversation in noise	•	•	•	•	
	Quiet	•	•	•	•	
	Total environments	7	7	6	3	AutoMic
SpeechPro	SpeechPro	•	SpeechZone2	SpeechZone		
	Speech Locator	•	•	•		
	Speech Focus	•				
	Dynamic Spatial Awareness	•				
Sound Conductor	Speech enhancement	•	•	•	•	•
	Noise reduction	•	•	•	•	•
	Adaptive directionality	Multiband	Multiband	Multiband	Multiband	•
Spatial Awareness	Spatial Awareness	Dynamic	Personalized	•		
	Pinna Effect	•	•	•	•	•
Sound Stabilization						
	AntiShock 2	•	•	•	•	•
	Wind control	•	•	•	•	•
	Feedback manager	•	•	•	•	•
	Natural Sound Balance	•	•	•	•	•

Experience innovations

Patient insights	Log It All	•	•	•	•	•
	Patient Ratings	•	•	•	•	•
	Data logging	•	•	•	•	•
Flex	Flex:trial	•	•	•	•	•
	Flex:upgrade		•	•	•	•

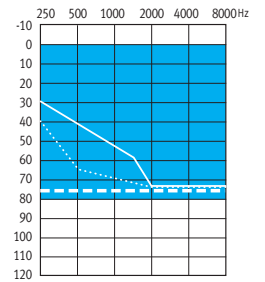
Convenience

	Rechargeable	•	•	•	•	•
	DuoLink	•	•	•	•	•
	Telecoil and easy-t	•	•	•	•	•
	Binaural Phone	•	•	•	•	

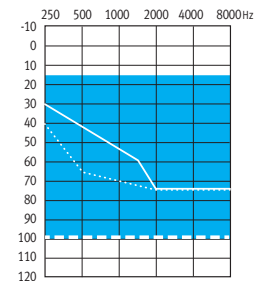
Fitting

	Automatic Adaptation Manager	•	•	•	•	•
	MyMusic	Binaural	Binaural	•	•	•
	Frequency compression	•	•	•	•	•
	Tinnitus masker	•	•	•	•	•
	IntelliVent	•	•	•	•	•
	Streaming programs	•	•	•	•	•
	Manual programs	•	•	•	•	•
	NAL-NL2/NL1 and DSLv5	•	•	•	•	•
	Fitting channels	20	20	16	10	6

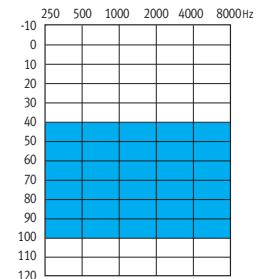
Fitting guides



Standard receiver (xS)



Power receiver (xP)



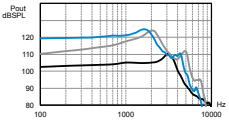
Super power receiver (xSP)

- Open dome
- ... Closed dome
- - - Power dome or sleeve mold

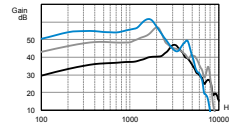
Moxi Fit is rated IP 68

ANSI 3.22 2014/IEC 60118-7 2005 2cc coupler technical data

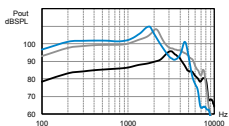
Reference test frequency - IEC 60118-7 (kHz)	1.6	1.6	1.6
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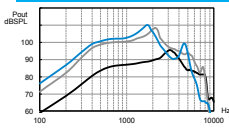
OSPL90			
Maximum (dB SPL)	111	124	125
HFA - OSPL90 (dB SPL)	106	119	120
at RTF (dB SPL)	105	121	125



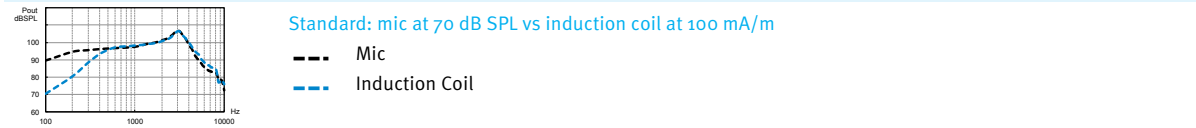
Full on gain (input 50 dB SPL)			
Maximum (dB)	47	57	62
HFA - FOG (dB)	40	50	56
at RTF (dB)	40	52	62



Reference test setting (RTS)			
Frequency range (Hz)	<100 - 8500	<100 - 7300	<100 - 5500
Reference test gain (dB)	29	42	43
Current drain at RTS (mA)	1.15	1.25	1.2
Typical battery life (h)	160	140	150
Equivalent input noise at RTS (dB SPL)	19	18	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.0/1.0/1.0	1.5/1.0/0.5	0.5/0.5/0.5



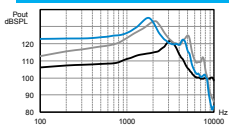
Induction coil sensitivity (31.6 mA/m)			
HFA SPLITS/STS-RSETS (dB SPL/dB)	89/0	102/0	103/0



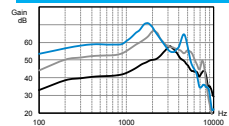
Electromagnetic compatibility			
EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil	M4/T4	M4/T4	M4/T4

IEC 60118-o OES coupler technical data

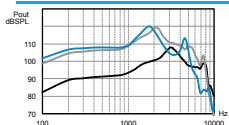
Reference test frequency - IEC 60118-o (kHz)	1.6	1.6	1.6
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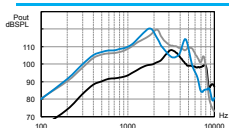
OSPL90			
Maximum (dB SPL)	122	133	135
at RTF (dB SPL)	114	130	134



Full on gain (input 50 dB SPL)			
Maximum (dB)	58	67	71
at RTF (dB)	48	62	70



Basic frequency response			
Frequency range (DIN 45605) (Hz)	<100 - 9500	<100 - 6700	<100 - 5100
Reference test gain (dB)	39	55	59
Current drain at RTG (mA)	1.15	1.2	1.2
Typical battery life (h)	160	150	150
Equivalent input noise at RTG (dB SPL)	19	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.0/1.5/1.5	1.5/1.5/1.0	1.0/1.0/0.5



Induction coil sensitivity			
at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	99	115	119

Electromagnetic compatibility			
EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni. IIRL low/medium/high band (dB SPL)	24/27/27	23/26/24	21/21/28

Legend

- xS receiver
- xP receiver
- xSP receiver

Test conditions

Battery size: 312; Source: voltage 1.3 V

The measurements obtained with a closed configuration using an HA-1 coupler (ANSI-3.7-1995) or occluded ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard). The hearing instrument set to Unitron Truefit test settings. LLE is applied at an approximate level of 35 dB SPL. Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend use of a customized earmold. Sound pressure level of these hearing aids exceeds 132 dB SPL.

We reserve the right to change specification data without notice as improvements are introduced.