Moxi™ Fit ▲ Powered by North

N Moxi Fit Pro, N Moxi Fit 800, N Moxi Fit 700, N Moxi Fit 600, N Moxi Fit 500
Receiver in canal (RIC) hearing aid series

Moxi Fit

Performance profile	Moxi Fit Pro	Moxi Fit 800	Moxi Fit 700	Moxi Fit 600	Moxi Fit 500
Channels	20	20	16	10	6
Signature features					
SpeechZone 2	SpeechZone 2	SpeechZone			
Binaural spatial processing	•	•			
SoundNav	7 environments	6 environments	5 environments	2 environments	AutoMic
Sound Conductor	•	•	•	•	•
MyMusic	Automatic binaural	Automatic binaural	•	•	•
Binaural Phone	•	•	•	•	
Automatic Adaptation Manager	•	•	•	•	•
Features					
Adaptive directional	Multiband	Multiband	Multiband	Multiband	•
Pinna Effect	•	•	•	•	•
Frequency compression	•	•	•	•	•
AntiShock	•	•	•	•	•

In all technology levels

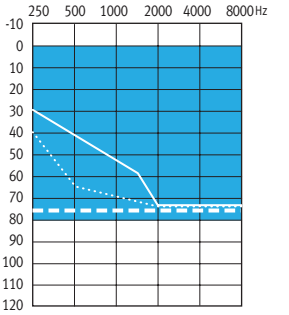
Natural Sound Balance, data logging and Log It All, feedback management system, wind control, tinnitus masker, manual programs, streaming programs, DuoLink, easy-t, IntelliVent technology for custom ear pieces, plasma coating, IP57, telecoil

Accessories (optional)

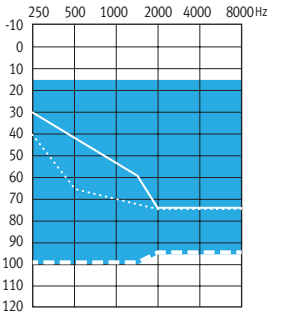
Remote control 2, uStream, uDirect 3, uTV 3, uMic

Receiver type	Standard (xS)	Power (xP)	Super power (xSP)
Output / gain	113/47	127/57	131/63
Open dome	•	•	
Closed dome	•	•	
Power dome	•	•	
Sleeve mold	•	•	
cShell	•	•	•

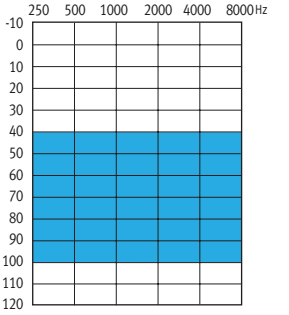
Fitting guides



Standard receiver (xS)



Power receiver (xP)



Super power receiver (xSP)

Open dome
Closed dome
Power dome or sleeve mold

unitron™

14-061 027-5889-02

CE 0543

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ANSI 3.22 2009/IEC 118-7 2005 2cc coupler technical data

	Standard receiver (xS)	Power receiver (xP)	Super power (xSP)
Reference test frequency - IEC 118-7 (kHz)	1.6	1.6	1.6
OSPL90			
Maximum (dB SPL)	113	127	131
Nominal (dB SPL)	110	124	128
HFA - OSPL90 (dB SPL)	106	119	121
at RTF (dB SPL)	105	121	127
Full on gain (input 50 dB SPL)			
Maximum (dB)	47	57	63
HFA - FOG (dB)	40	49	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	44
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	104/0

Standard: mic at 70 dB SPL vs induction coil at 100 mA/m

- Mic
- Induction Coil

Electromagnetic compatibility			
EMC immunity by ANSI c63.19-2007 EMC, omni/telecoil	M4/T4	M4/T4	M4/T4

IEC 118-0 OES coupler technical data

Reference test frequency - IEC 118-0 (kHz)	1.6	1.6	1.6
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 - 10000	‹100 - 8000	‹100 - 5800
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. IRIL 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.
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.