

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



Moxi Dura

### Performance profile

	Moxi Dura Pro	Moxi Dura 800	Moxi Dura 700	Moxi Dura 600	Moxi Dura 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, easy-DAI, IntelliVent technology for custom ear pieces, plasma coating, IP67, telecoil

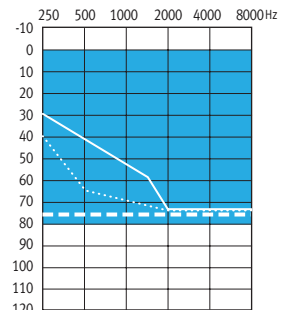
### Accessories (optional)

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

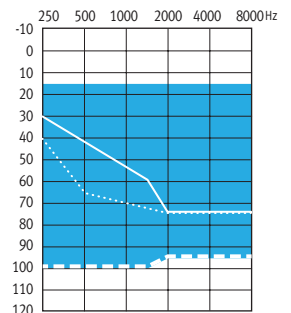
### Receiver type

	Standard (xS)	Power (xP)	Super power plus (xSP plus)
Output / gain	113/47	127/57	134/67
Open dome	•	•	
Closed dome	•	•	
Power dome	•	•	
Sleeve mold	•	•	
cShell	•	•	•

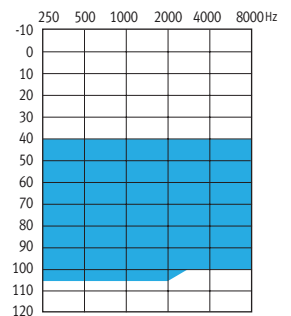
### Fitting guides






Standard receiver (xS)



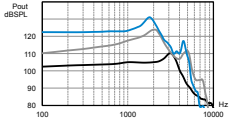
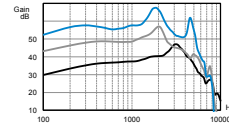
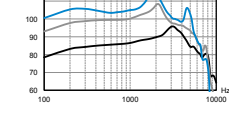
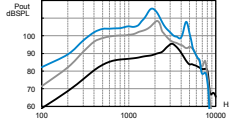
Power receiver (xP)



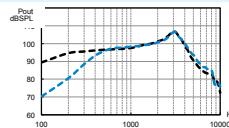
Super power plus receiver (xSP plus)

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

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

	Reference test frequency - IEC 118-7 (kHz)	1.6	1.6	1.6
	<b>OSPL90</b>			
	Maximum (dB SPL)	113	127	134
	Nominal (dB SPL)	110	124	131
	HFA - OSPL90 (dB SPL)	106	119	124
	at RTF (dB SPL)	105	121	129
	<b>Full on gain (input 50 dB SPL)</b>			
	Maximum (dB)	47	57	67
	HFA - FOG (dB)	40	49	59
	at RTF (dB)	39	52	64
	<b>Reference test setting (RTS)</b>			
	Frequency range (Hz)	<100 - 8500	<100 - 7300	<100 - 6000
	Reference test gain (dB)	29	42	47
	Current drain at RTS (mA)	1.15	1.25	1.3
	Typical battery life (h)	270	250	240
	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	1.0/1.5/1.0
	<b>Induction coil sensitivity (31.6 mA/m)</b>			
	HFA SPLITS/STS-RSETS (dB SPL/dB)	89/0	102/0	108/0

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

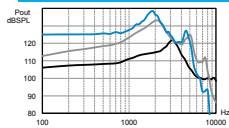
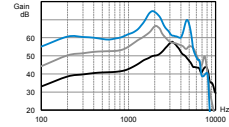
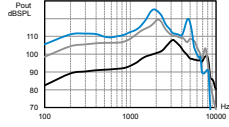
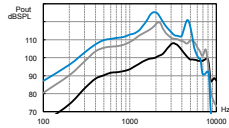


- Mic
- ... Induction Coil




**Electromagnetic compatibility**

EMC immunity by ANSI c63.19-2007 EMC, omni/telecoil	M4/T4	M4/T4	M4/T4
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### IEC 118-o OES coupler technical data

	Reference test frequency - IEC 118-o (kHz)	1.6	1.6	1.6
	<b>OSPL90</b>			
	Maximum (dB SPL)	122	133	138
	at RTF (dB SPL)	114	130	136
	<b>Full on gain (input 50 dB SPL)</b>			
	Maximum (dB)	58	67	74
	at RTF (dB)	48	62	71
	<b>Basic frequency response</b>			
	Frequency range (DIN 45605) (Hz)	<100 - 10000	<100 - 8000	<100 - 6000
	Reference test gain (dB)	39	55	61
	Current drain at RTG (mA)	1.15	1.2	1.3
	Typical battery life (h)	270	260	240
	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	1.5/1.5/1.0
	<b>Induction coil sensitivity</b>			
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	99	115	121
	<b>Electromagnetic compatibility</b>			
	EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)	28/32/25	25/23/37	28/32/36

**Legend**

-  xS receiver
-  xP receiver
-  xSP plus receiver

**Test conditions**

Battery size: 13; 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.