

Moxi² Dura

Moxi² Dura Pro, Moxi² Dura 20, Moxi² Dura 16, Moxi² Dura 10, Moxi² Dura E Receiver in canal (RIC) hearing aid series



Moxi² Dura

Performance profile

	Moxi ² Dura Pro	Moxi ² Dura 20	Moxi ² Dura 16	Moxi ² Dura 10	Moxi ² Dura E
Channels / bands	20	20	16	10	6
Processing types	WDRC and linear	WDRC and linear	WDRC and linear	WDRC and linear	WDRC and linear
Adaptive directional	Multiband	Multiband	Multiband	Multiband	•

Signature features

SpeechZone2	•				
Binaural spatial processing	•				
Automatic Program	Automatic 4	Automatic 4	Automatic 3	Automatic 2	Manual
SmartFocus2	•	•	•		
SmartFocus				•	•
Binaural Phone	•	•	•	•	
Automatic Adaptation Manager	•	•	•	•	•
Pinna Effect	•	•	•		
LearnNow	•	•			
Self learning	•	•	•		

Features

Manual programs	Up to 3	Up to 3	Up to 3	Up to 3	Up to 4
Feedback manager	•	•	•	•	•
Natural Sound Balance	•	•	•	•	•
AntiShock	•	•	•	•	•
Easy-t	•	•	•	•	•
MyMusic	Automatic	Automatic	•	•	•
Telecoil	•	•	•	•	•

In all technology levels

3 wireless programs (not available on E), data logging, wind noise manager, DuoLink, IntelliVent technology for custom ear pieces, tinnitus masker, plasma coating and IP67

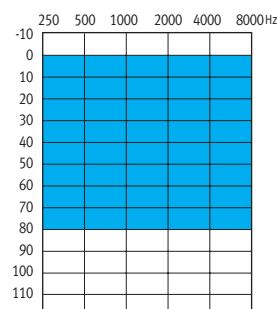
Accessories (optional)

Remote control	•	•	•	•	•
Smart Control remote	•	•	•	•	•
uDirect 2	•	•	•	•	
uTV 2	•	•	•	•	
uMic	•	•	•	•	

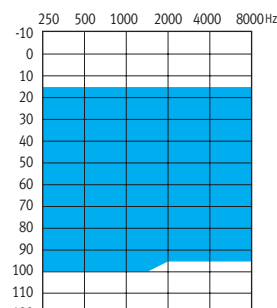
Receiver type

	Standard (xS)	Power (xP)	Super power plus (xSP)
Output / gain	112 / 45	126 / 55	133/65
Open dome	•	•	
Closed dome	•	•	
Power dome	•	•	
Sleeve mold	•	•	
cShell (hard / soft)	•	•	•

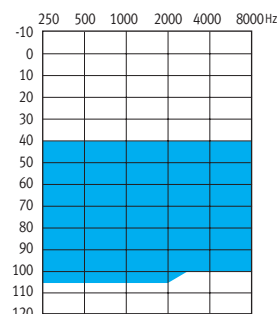
Fitting guides



Standard receiver (xS)



Power receiver (xP)

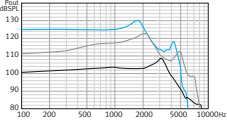
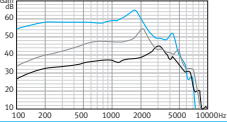
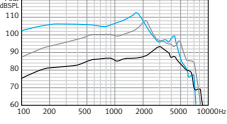
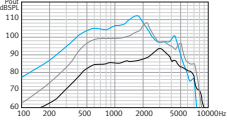
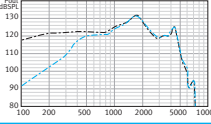


Super power plus receiver (xSP plus)

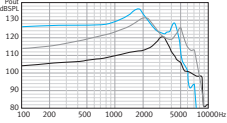
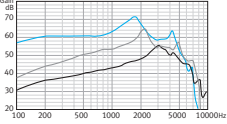
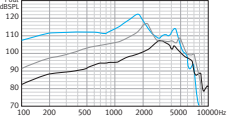
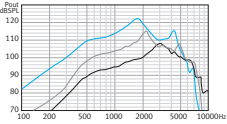
Moxi² Dura RIC series

Standard receiver (xS) Power receiver (xP) Super power plus (xSP plus)

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
 OSPL90 Maximum (dB SPL)		112	126	133
Nominal (dB SPL)		109	123	130
HFA - OSPL90 (dB SPL)		105	118	124
at RTF (dB SPL)		104	120	128
 Full on gain (input 50 dB SPL) Maximum (dB)		45	55	65
HFA - FOG (dB)		39	48	59
at RTF (dB)		38	49	62
 Reference test setting (RTS) Frequency range (Hz)		<100-8300	<100-7300	<100-5100
Reference test gain (dB)		28	41	47
Current drain at RTS (mA)		1.15	1.25	1.4
Typical battery life (h)		270	250	220
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	1/1.5/0.5
 Induction coil sensitivity (31.6 mA/m) HFA SPLITS/STS-RSETS (dB SPL/dB)		88/0	101/0	106/-1
 Standard: mic at 70 dB SPL vs induction coil at 100 mA/m — Mic — Induction coil				
Electromagnetic compatibility				
EMC immunity by ANSI c63.19-2001 EMC, omni/telecoil		M4/T4	M4/T4	M4/T4

IEC 118-o OES coupler technical data

Reference test frequency - IEC 118-o (kHz)		1.6	1.6	1.6
 OSPL90 Maximum (dB SPL)		121	132	137
at RTF (dB SPL)		113	129	137
 Full on gain (input 50 dB SPL) Maximum (dB)		56	65	72
at RTF (dB)		46	58	72
 Basic frequency response Frequency range (DIN 45605) (Hz)		<100-8600	<100-7500	<100-4800
Reference test gain (dB)		39	51	62
Current drain at RTG (mA)		1.15	1.2	1.4
Typical battery life (h)		270	260	220
Equivalent input noise at RTG (dB SPL)		19	18	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)		1.0/1.5/1.5	1.5/1.5/1.0	2/1.5/1
 Induction coil sensitivity at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)		99	109	122
Electromagnetic compatibility				
EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni IRIL low/medium/high band (dB SPL)		30/44/52	30/44/52	30/44/52

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.