

Moxi™ 6

312 BTE canal receiver technology (CRT)

Signature features

6 channels

Next generation automatic with SmartFocus

Clients can experience superior automatic performance with the optimal blend of 2 listening environment. In addition, the integration of SmartFocus™ further improves speech understanding in noise or provides optimal comfort automatically

Natural Sound Balance

An adaptive feature to minimize artifacts that can occur when amplified sound combines in the ear canal with direct sound. Natural Sound Balance continuously monitors these sounds and makes precision adjustments to preserve a clear, balanced signal

Next generation feedback manager

Harnessing the power of Unitron's new Era™ platform, the next generation feedback manager offers maximum usable gain by suppressing feedback transients before they become audible

Wireless technology

DuoLink – program, volume and SmartFocus adjustments conducted on one hearing instrument are automatically transferred to the other ear

uDirect™ (optional) – interface between wireless hearing instruments and Bluetooth-enabled devices, such as cell phones, and stereo streaming to the hearing instrument from devices such as MP3 players or uTV™

uTV (optional) – streams audio from a TV or audio source to the uDirect

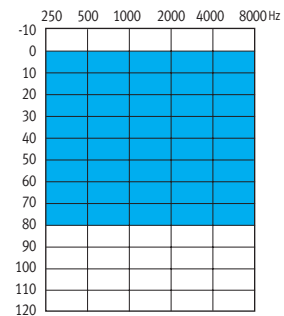
Smart Control (optional)

Remote control provides access to an array of adjustable parameters

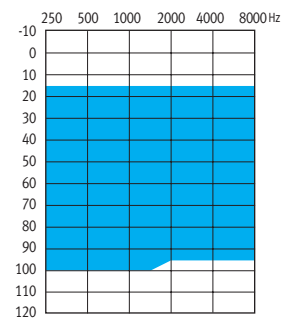
Additional features

- Multiband adaptive directional microphone
- Telecoil
- 3 manual + 3 wireless streaming programs
- AntiShock™
- MyMusic™
- Wind noise manager
- Speech enhancement LD
- Noise reduction
- Data logging
- Easy-t
- Optional wireless programming with iCube

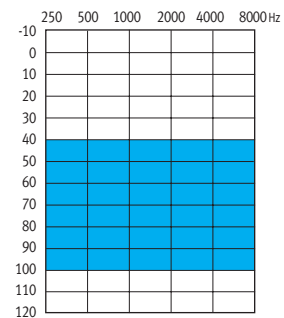
Fitting guides



Moxi 6 (xS)



Moxi 6 power (xP)



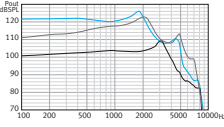
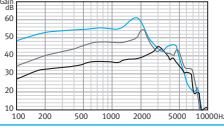
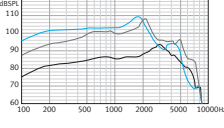
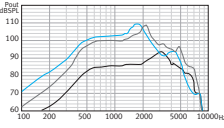
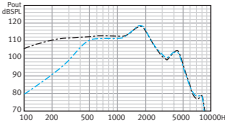
Moxi 6 super power (xSP)

Moxi 6 is suitable for fitting mild to severe hearing losses and can fit audiogram configurations ranging from reverse to precipitously sloping.

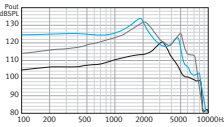
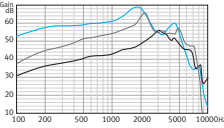
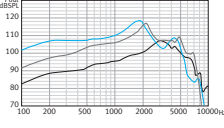
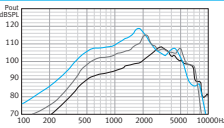
Moxi™ 6 312 CRT

Moxi 6 standard (xS receiver) Moxi 6 power (xP receiver) Moxi 6 super power (xSP receiver)

ANSI 3.22 2003/IEC 118-7 2CC COUPLER TECHNICAL DATA

	Moxi 6 standard (xS receiver)	Moxi 6 power (xP receiver)	Moxi 6 super power (xSP receiver)
Reference test frequency - IEC 118-7 (kHz)	1.6	1.6	1.6
 OSPL₉₀			
Maximum (dB SPL)	112	126	129
Nominal (dB SPL)	109	123	126
ANSI HFA (dB SPL)	105	118	120
at RTF (dB SPL)	104	120	124
 Full on gain (input 50 dB SPL)			
Maximum (dB)	45	55	61
ANSI HFA (dB)	39	48	55
at RTF (dB)	38	49	60
 Basic frequency response (ANSI 2003)			
Frequency range (Hz)	<100-8300	<100-7300	<100-5500
HFA reference test gain (dB)	28	41	43
Current drain at RTG (mA)	1.15	1.25	1.2
Typical battery life (h)	141	130	135
Equivalent input noise at RTG (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 (ANSI 2003, 31.6 mA/m)			
HFA SPLITS/STS-RSETS (dB SPL/dB)	88/0	101/0	103/0
EMC immunity by ANSI c63.19-2001 EMC, omni/telecoil	M4/T4	M4/T4	M4/T4
 Moxi xSP: mic at 70 dB SPL vs induction coil at 100 mA/m			
	— Mic	— Induction coil	

IEC 118-0 OES COUPLER TECHNICAL DATA

	Moxi 6 standard (xS receiver)	Moxi 6 power (xP receiver)	Moxi 6 super power (xSP receiver)
Reference test frequency - IEC 118-0 (kHz)	1.6	1.6	1.6
 OSPL₉₀			
Maximum (dB SPL)	121	132	133
at RTF (dB SPL)	113	129	132
 Full on gain (input 50 dB SPL)			
Maximum (dB)	56	65	69
at RTF (dB)	46	58	68
 Basic frequency response			
Frequency range (DIN 45605) (Hz)	<100-8600	<100-7500	<100-5800
Reference test gain (dB)	39	51	57
Current drain at RTG (mA)	1.15	1.2	1.2
Typical battery life (h)	141	135	135
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	1.0/1.0/0.5
 Induction coil sensitivity			
at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	99	109	117
EMC immunity by IEC 60118-13, field strength 75/50 V/m, omni IRIL low/high band (dB SPL)	42/46	42/46	42/46

Legend
 — Moxi 6 xS
 — Moxi 6 xP
 — Moxi 6 xSP

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 linear, omni mode with all adaptive features disabled.
 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.