

Stride Pro, Stride 800, Stride 700, Stride 600, Stride 500 312 BTE hearing aid series



Stride M

Performance profile

	Stride Pro	Stride 800	Stride 700	Stride 600	Stride 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

Log It All, Natural Sound Balance, data logging, feedback manager, wind control, tinnitus masker, manual programs, streaming programs, DuoLink, easy-t, IntelliVent technology for custom ear pieces, plasma coating, IP67, telecoil

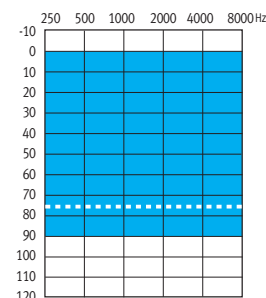
Accessories (optional)

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

Class

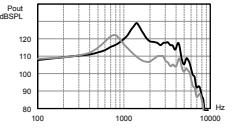
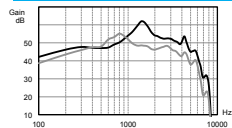
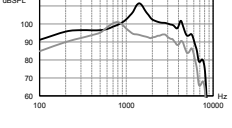
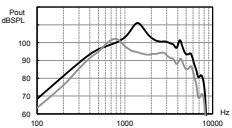
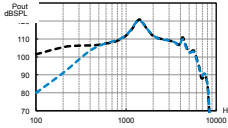
	M
Peak output / gain 2cc filtered earhook	132/63
Peak output / gain slim tube	125/56
Battery size	312

Fitting guides

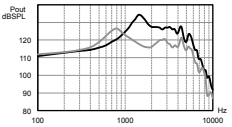
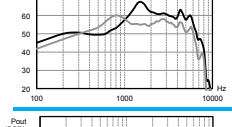
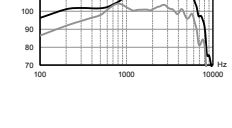
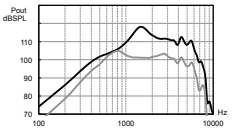


--- Slim tube (power dome)



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

	Reference test frequency - IEC 60118-7 (kHz)	1.6	1.6
	OSPL90		
	Maximum (dB SPL)	125	132
	Nominal (dB SPL)	122	129
	HFA - OSPL90 (dB SPL) at RTF (dB SPL)	112 108	121 125
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	56	63
	HFA - FOG (dB) at RTF (dB)	48 48	54 60
		Reference test setting (RTS)	
Frequency range (Hz)		<100 - 6500	<100 - 6500
Reference test gain (dB)		35	44
Current drain at RTS (mA)		1.3	1.4
Typical battery life (h)		140	130
Equivalent input noise at RTS (dB SPL)		19	19
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLITS/STS-RSETS (dB SPL/dB)	95/0	104/0
	 <p>Standard: mic at 70 dB SPL vs induction coil at 100 mA/m</p> <p>--- Mic - - - Induction Coil</p>		
	Electromagnetic compatibility		
EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil		M4/T4	M4/T4

IEC 60118-o OES coupler technical data

	Reference test frequency - IEC 60118-o (kHz)	1.6	1.6
	OSPL90		
	Maximum (dB SPL)	126	134
	at RTF (dB SPL)	116	133
		Full on gain (input 50 dB SPL)	
Maximum (dB)		60	68
at RTF (dB)		55	67
		Basic frequency response	
	Frequency range (DIN 45605) (Hz)	<100 - 6600	700 - 6300
	Reference test gain (dB)	41	58
	Current drain at RTG (mA)	1.2	1.2
	Typical battery life (h)	150	150
	Equivalent input noise at RTG (dB SPL)	19	19
	Induction coil sensitivity		
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	101	118
	Electromagnetic compatibility		
	EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)		16/16/16

Legend

-  Earhook
-  Slimtube

Test conditions

Earhook: filtered; Battery size: 312; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
 The hearing instrument is 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.