



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



Stride M

SoundCore

		T Pro	T 800	T 700	T 600	T 500
SoundNav	Music	•	•			
	Noise	•	•	•		
	Conversation in a crowd	•	•	•		
	Conversation in a small group	•	•	•		
	Conversation in quiet	•	•	•	•	
	Conversation in noise	•	•	•	•	
	Quiet	•	•	•	•	
	Total environments	7	7	6	3	AutoMic
SpeechPro	SpeechPro	•	SpeechZone2	SpeechZone		
	Speech Locator	•	•	•		
	Speech Focus	•				
	Dynamic Spatial Awareness	•				
Sound Conductor	Speech enhancement	•	•	•	•	•
	Noise reduction	•	•	•	•	•
	Adaptive directionality	Multiband	Multiband	Multiband	Multiband	•
Spatial Awareness	Spatial Awareness	Dynamic	Personalized	•		
	Pinna Effect	•	•	•	•	•

Sound Stabilization

	AntiShock 2	•	•	•	•	•
	Wind control	•	•	•	•	•
	Feedback manager	•	•	•	•	•
	Natural Sound Balance	•	•	•	•	•

Experience innovations

Patient insights	Log It All	•	•	•	•	•
	Patient Ratings	•	•	•	•	•
	Data logging	•	•	•	•	•
Flex	Flex:trial	•	•	•	•	•
	Flex:upgrade		•	•	•	•

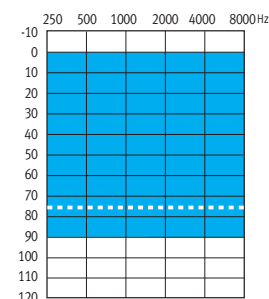
Convenience

	Rechargeable	•	•	•	•	•
	DuoLink	•	•	•	•	•
	Telecoil and easy-t	•	•	•	•	•
	Binaural Phone	•	•	•	•	

Fitting

	Automatic Adaptation Manager	•	•	•	•	•
	MyMusic	Binaural	Binaural	•	•	•
	Frequency compression	•	•	•	•	•
	Tinnitus masker	•	•	•	•	•
	IntelliVent	•	•	•	•	•
	Streaming programs	•	•	•	•	•
	Manual programs	•	•	•	•	•
	NAL-NL2/NL1 and DSLv5	•	•	•	•	•
	Fitting channels	20	20	16	10	6

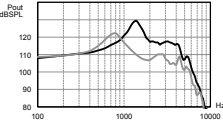
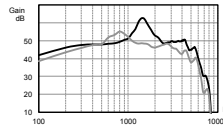
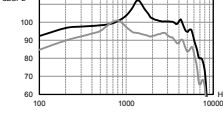
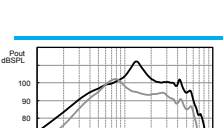
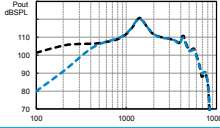
Fitting guides



--- Slim tube (power dome)

Stride M is rated IP 68

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)	122	129
	HFA - OSPL90 (dB SPL)	112	121
	at RTF (dB SPL)	108	125
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	56	63
	HFA - FOG (dB)	48	53
	at RTF (dB)	48	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
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0	5.0/3.0/2.0
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLITS/STS-RSETS (dB SPL/dB)	95/0	104/0
			
	Standard: mic at 70 dB SPL vs induction coil at 100 mA/m		

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

--- Mic

--- Induction Coil

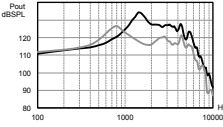
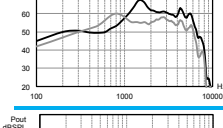
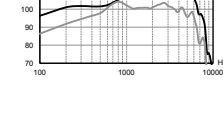
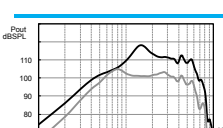
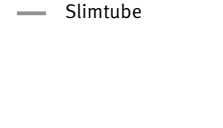
Electromagnetic compatibility

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
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0	8.0/5.0/2.0
	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	16/16/16	30/15/15
	90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)		

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.