signia
Life sounds brilliant.

Styletto Connect

Technical Data

Made for iPhone | iPad | iPod

7 5 3

- 60 dB / 119 dB SPL (2 ccm coupler)
- 70 dB / 129 dB SPL (ear simulator)

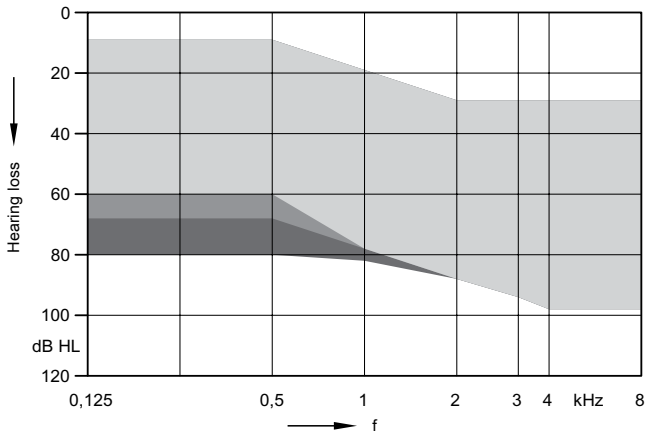
Data sheet also applicable for Styletto Connect sDemo

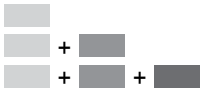
Styletto Connect | Technical Data

Type	Receiver	
		
Output sound pressure level	**2 ccm coupler**	**Ear simulator**
at 1.6 kHz	–	123 dB SPL
Peak	119 dB SPL	129 dB SPL
HFA-OSPL 90	113 dB SPL	–
Gain		
Full on gain (FOG) at 1.6 kHz	–	55 dB
Full on gain (Peak)	60 dB	70 dB
HFA-FOG	50 dB	–
Reference test gain	36 dB	48 dB
Frequency, noise and directivity		
Frequency range 7 5 / 3	100 - 9000 Hz 100 - 8200 Hz	100 - 10000 Hz 100 - 8300 Hz
Equivalent input noise	19 dB SPL	24 dB SPL
Total harmonic distortion at 500 / 800 / 1600 / 3200 Hz	2 / 2 / 2 / 1 %	3 / 5 / 4 / - %
Tinnitus noiser broadband	70 dB SPL	–
AI-DI	4.0 dB	
Inductive coil sensitivity		
MASL (1 mA/m) at 1.6 kHz	–	–
HFA MASL (1 mA/m)	–	–
HFA SPLITS (left/right)	–	–
RSETS (left/right)	–	–
HFA SPLIV	–	–
Battery		
Battery voltage	1.25 V	
Battery current drain	1.4 mA	1.4 mA
Battery runtime (without streaming)	up to 19 h	
Battery runtime (incl. 5 h streaming)	up to 16 h	
IRIL IEC 60118-13:2016 Ed. 4.0		
700-960 MHz (rating)	user	
1400-2000 MHz (rating)	user	
2000-2700 MHz (rating)	user	
ANSI C63.19-2011		
800-950 MHz (rating)	M4	
1600-2500 MHz (rating)	M4	

Please find additional information to the values on page ‘‘Further Information’’

Styletto Connect | Fitting Range

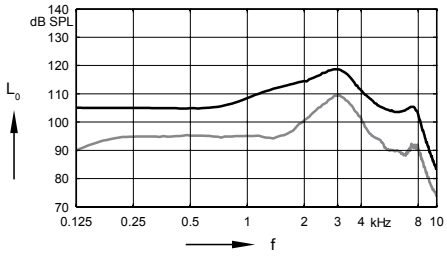




Open Click Domes
Double Click Domes
Click Mold (no vent)

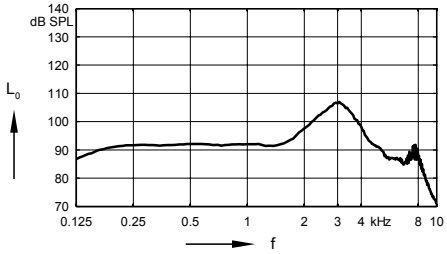
Receiver (Closed Click Dome) | Basic Data

2 ccm coupler



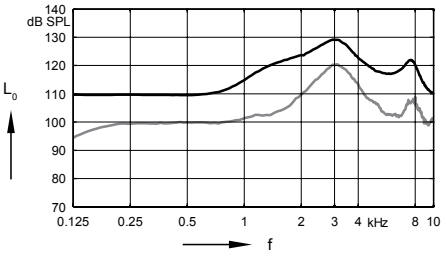
Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



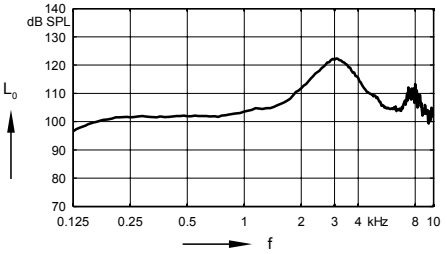
Frequency response (L_I = 60 dB)

Ear simulator



Output sound pressure level (L_I = 90 dB)

Full on gain (L_I = 50 dB)



Basic acoustic response (L_I = 60 dB)

Styletto Connect | Features and Accessories

	7	5	3
Audiology (Nx platform)			
Own Voice Processing (OVP) [1]	■■■■■	■■■■■	■■■■■
3D Classifier	■■■■■	■■■■	■■■
Signal processing (channels) / Gain/MPO (handles)	48 / 20	32 / 16	24 /12
Hearing programs	6	6	6
Sound Clarity			
HD Spatial	●	●	●
Extended dynamic range	●	●	●
Extended bandwidth	●	—	—
EchoShield	●	—	—
HD Music (presets)	3	1	—
eWindScreen binaural [1) 2)]	●	●	—
eWindScreen	●	●	●
Noise Management			
Speech and noise management (steps)	7	5	3
SoundSmoothing (steps)	3	3	1
Directional speech enhancement (steps)	3	1	—
Feedback cancellation	●	●	●
Speech Quality			
Directionality			
Narrow Directionality [1]	●	●	●
Spatial SpeechFocus [1) 3)]	●	●	—
SpeechFocus	●	●	—
TwinPhone[1]	●	●	●
Frequency compression	●	●	●
Direct Streaming			
Made for iPhone	●	●	●
Adaptive Streaming Volume [4]	●	●	●
Tinnitus			
Notched Noise Therapy	●	●	●
Tinnitus noiser	●	●	●
Fitting			
Smart Optimizer and Data Logging	●	●	●
Acclimatization manager	●	●	●
Performance Guide	●	●	●
Insitugram	●	●	●
Learning (classes)	6	3	1
TeleCare			
TeleCare 2.0	●	●	●

[1] req. bilateral fitting
[2] not available in the universal program on 5
[3] for 5 in Stroll Program or with Spatial Configurator only
[4] streaming only

● available ■■■■■ highest feature performance — not available

Styletto Connect | Features and Accessories

	7 / 5 / 3
Style specific features	
Ingress Protection Rating	IP68
Charging contacts	●
Battery Size	—
Battery door on/off function	—
Nanocoated housing	—
e2e wireless 3.0	●
User controls coupling via e2e	●
Wireless programming	●
Instrument configurations	
Flat cover	—
Rotary volume control	—
Push button	—
Rocker switch	—
Color conversion kit	—
Battery door – integrated telecoil	—
Battery door – child lock	—
Small earhook	—
Programming accessories	
ConnexxAir / ConnexxLink	— / —
NoahLink wireless	●
Programming adapter / cable	—
Accessories	
miniPocket	○
CROS Silk Nx	—
CROS Pure 312 Nx	—
StreamLine TV	○
StreamLine Mic	○
Styletto Connect Charger	mandatory
Apps	
myControl App	○
touchControl App	○

● available ○ optional — not available

Notes

Further Information

Abbreviations

The following abbreviations are used in this datasheet:

OSPL	Output Sound Pressure Level
HFA	High Frequency Average
FOG	Full On Gain
MASL	Magneto Acoustical Sensitivity Level
SPLITS	Coupler SPL for an Inductive Telephone Simulator
RSETS	Relative Equivalent Telephone Sensitivity
SPLIV	SPL In a Vertical magnetic field
AI-DI	Articulation Index - Directivity Index
IRIL	Input Related Interference Level
RTF	Reference Test Frequency

Standards and additional information

- All measurements with the 2 ccm coupler were performed according to ANSI S3.22-2014 and IEC 60118-0:2015 if applicable.
- All measurements with an ear simulator were performed according to IEC 118-0/A1:1994 and to DIN 45605 (frequency range) if applicable.
- Curves and figures representing FOG are measured with 20 dB reduction and 70 dB SPL input level.
- Extended frequency range up to 12 kHz for “7” devices only.
- Figures representing Equivalent Input Noise incorporate a moderate expansion.
- Tinnitus noiser measurement conditions: all tinnitus single frequency sliders in max position, master volume slider in default position (0 dB) and local volume control in default position.
- Inductive coil sensitivity values, inductive response curves and T ratings apply for instruments with telecoil battery door only.
- The following acoustic connections / ear pieces were used:
  - Receiver Unit: Closed Click Dome
- The current consumption is measured in reference test setting (RTS) according to the applicable standards. Due to the settling behaviour of hearing instruments supporting RF (radio frequency), the battery current is measured 3 minutes after turning on (note: no pairing).
- The battery runtime is based on first fit settings using 60% of the fitting range and an ISTS (International Speech Test Signal) input signal at 65 dB SPL (note: pairing established). The actual battery runtime is determined by battery quality, hearing loss, sound environment, usage and activated feature set. Regarding RF usage (Bluetooth streaming) two different conditions are considered.
- Styletto Connect is a part of the Kit Styletto Connect, which also consists of Styletto Connect Charger. Please consult the datasheet for Styletto Connect Charger for relevant technical information.
- Note: due to the design of the Styletto Connect Charger, not all Click Molds will fit inside Styletto Connect Charger.

Special note for instruments with built-in lithium-ion rechargeable battery

- The runtime of all lithium-ion rechargeable batteries reduces over time. The estimates are based on fresh lithium-ion rechargeable battery capacity. Under normal operating conditions, the battery will retain up to 80% of its initial capacity after 2 years of use. Please note that battery performance will vary depending on individual usage patterns and environmental conditions.

Made for iPhone | iPad | iPod

“Made for iPod”, “Made for iPhone”, and “Made for iPad” mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice. The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

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Warning
Choking hazard posed by small parts.
- This instrument is not intended for the fitting of infants, children under 3 years and persons of mental incapacity.

Warning
Instrument has an output sound pressure level of 132 dB SPL or more.

Risk of impairing the residual hearing of the user.
- Take special care when fitting this instrument.