Beltone **Serene**™



SER62S-DRWC SER63-DRW SER64-DRW

Model (Standard Receivers)	SER1762S-DRWC SER1763-DRW SER1764-DRW	SER962S-DRWC SER963-DRW SER964-DRW	SER662S-DRWC SER663-DRW SER664-DRW	SER462S-DRWC SER463-DRW SER464-DRW
Device Configurations				
Battery size 62S-DRWC	Rechargeable Lithium-Ion			
Battery size 63-DRW	312 Zinc-Air			
Battery size 64-DRW	13 Zinc-Air			
Receiver Options	LP, MP, HP, UP			
Control Options	Tap control (62S-DRWC), Push button (63-DRW and 62S-DRWC), Multi-Function button (64), Telecoil (64)			
IP Classification	IP68			
Audiological Features				
Number of Channels	17	14	12	12
CrossLink Directionality 4	●	–	–	–
CrossLink Directionality 3	–	●	–	–
CrossLink Directionality 2	–	–	●	–
CrossLink Directionality	–	–	–	●
Personal Sound ID	●	●	●	–
Ultra Focus 2	●	–	–	–
Ultra Focus	–	●	–	–
Synchronised Speech Spotter	●	●	●	●
Smart Gain Pro	●	–	–	–
Smart Gain	–	●	●	–
Sound Cleaner	5 settings	3 settings	2 settings	On/Off
Silencer	3 settings	2 settings	On/Off	On/Off
Impulse Noise Reduction	3 settings	3 settings	On/Off	On/Off
Wind Noise Reduction	3 settings	2 settings	On/Off	On/Off
Sound Shifter	●	●	●	●
Feedback Eraser 2	●	●	●	●
Synchronised SATISFY	●	●	●	●
Tinnitus Breaker Pro	●	●	●	●
Functional Features				
Ear-to-Ear Communication	●	●	●	●
Bluetooth® Auracast™	●	●	●	●
Direct audio streaming (compatible iOS* and Android™ devices)	●	●	●	●
TV-Streamer+	●	●	●	●
TV Link 2, Remote Control, Remote Control 2, Phone Link 2, myPAL Micro and myPAL Pro	●	●	●	●
Beltone HearMax™ app	●	●	●	●
Sound Enhancer (Beltone HearMax™ app)	●	–	–	–
Remote Care Fine Tuning and Updates				
Remote Fine Tuning	●	●	●	●
Beltone Remote Care Live	●	●	●	●
Remote Firmware Updates	●	●	●	●
Fitting Features				
Beltone Solux Max™ 1.17 or higher	●	●	●	●
Fully Flexible Programs	4	4	4	4
Safeguard Feedback Control	●	●	●	●
Datalogging	●	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●	●
Automatic Receiver Detection	●	●	●	●

* MFi supports hands-free calls for iPhone 11 or later, iPad Pro 12.9-inch (5th generation), iPad Pro 11-inch (3rd generation), iPad Air (4th generation), iPad mini (6th generation) or later, with software updates iOS 15.3 and iPadOS 15.3 or later.

Made for iPhone | iPad | iPod

Works with Android

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Beltone

402387000GB-25.03-Rev.D



Standard charger



Premium charger



Desktop charger

Technical data	Premium charger	Standard charger	Desktop charger
Dimensions	99.4 x 35 x 67.5 mm / 3.9 x 1.4 x 2.7”	100.2 x 42 x 54.8 mm / 3.9 x 1.7 x 2.2”	82 x 36 x 46 mm / 3.2 x 1.4 x 1.8”
Weight	145 grams / 5.1 oz	95 grams / 3.3 oz	82 grams / 2.9 oz
Power supply	USB power supply, 5 V	USB power supply, 5 V	USB power supply, 5 V
Charging form factor (CFF)	8	8	8
Internal power source	Rechargeable Lithium Ion battery	N/A	N/A
Charging time for internal lithium ion battery in charger	Max 3,5 hours, depending on initial state of the battery	N/A	N/A
Battery life (fully charged, not connected to mains power)	Min. 3 full charges of 2 hearing instruments, without hearing instruments: 12 months	N/A	N/A
Charging time for hearing instrument	< 35 °C (95F): 3 hours, depending on initial state of the battery	< 35 °C (95F): 3 hours, depending on initial state of the battery	< 35 °C (95F): 3 hours, depending on initial state of the battery
Wireless communication and charging frequencies	2.4 GHz and 135 kHz	2.4 GHz and 135 kHz	2.4 GHz and 135 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard	According to IEC 61000-4-2 Electrostatic discharge immunity test standard	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating temperature	+ 5 °C (41F) to + 35 °C (95F) at a relative humidity range of 15% to 90%, non-condensing	+ 5 °C (41F) to + 35 °C (95F) at a relative humidity range of 15% to 90%, non-condensing	+ 5 °C (41F) to + 35 °C (95F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger	– 25 °C (-13F) to + 5 °C (41F), + 5 °C (41F) to + 35 °C (95F) at a relative humidity up to 90%, non-condensing, > 35 °C (95F) to 60 °C (140F) at a water vapour pressure up to 50 hPa	– 25 °C (-13F) to + 5 °C (41F), + 5 °C (41F) to + 35 °C (95F) at a relative humidity up to 90%, non-condensing, > 35 °C (95F) to 70 °C (158F) at a water vapour pressure up to 50 hPa	– 25 °C (-13F) to + 5 °C (41F), + 5 °C (41F) to + 35 °C (95F) at a relative humidity up to 90%, non-condensing, > 35 °C (95F) to 70 °C (158F) at a water vapour pressure up to 50 hPa

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Beltone

Technical Specifications

		LP		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	41	32	45	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	65 57	54 48	70 61	59 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125 117	114 109	127 122	116 113	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.8 1.5 1.1	0.6 0.8 0.8	1.1 1.6 1.0	0.9 1.0 0.8	%
Telecoil sensitivity (1 mA/m input)*	Max.	96	85	100	88	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	101	92	106	97	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	86	78	92	83	
Equivalent input noise, w/o Noise reduction		24	22	23	21	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	9	10	10	dB SPL
Frequency range		<200 - >8000	<200 - >8000	<200 - >8000	<200 - >8000	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (max) 24 (typ)	30 (max) 24 (typ)	30 (max) 24 (typ)	30 (max) 24 (typ)	Hours
Current Drain (Quiescent / Operating) (Model 63-DRW, 64-DRW)		0.85 / 1.15	0.85 / 1.15	0.81 / 0.91	0.81 / 1.04	mA

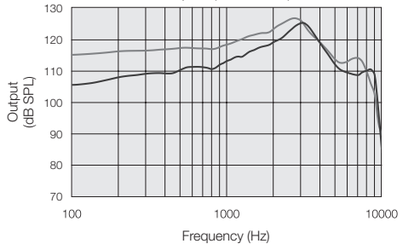
* Telecoil is only for the SERx64-DRW models.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment. Maximum number includes no streaming; typical number includes several hours of streaming.

Patents pending.

All specifications are subject to change without notice.

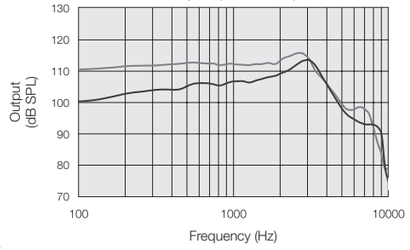
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)



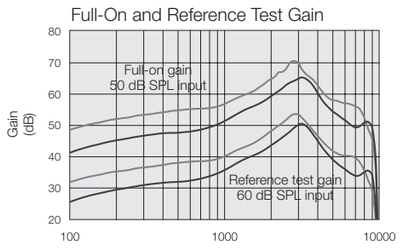
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

Maximum Output (OSPL 90)

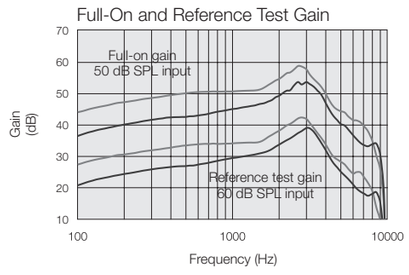




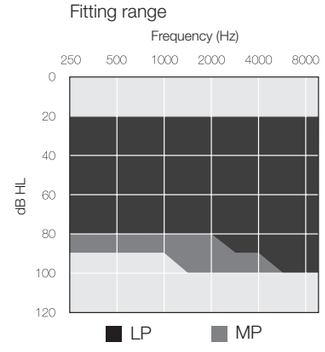
Full-On and Reference Test Gain



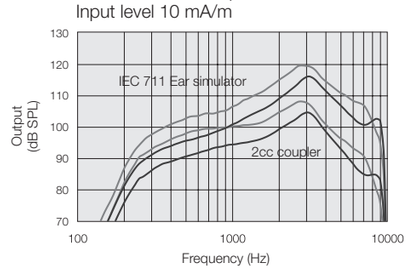
Full-On and Reference Test Gain



Fitting range



Full-On Telecoil Response*
Input level 10 mA/m



Technical Specifications

		HP		UP		
		IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	48	40	60	46	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	73 67	63 59	80 79	73 65	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	129 124	120 117	137 137	130 123	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.7 1.2 0.8	0.4 0.5 0.5	0.5 0.4 0.1	0.3 0.4 0.1	%
Telecoil sensitivity (1 mA/m input)*	Max.	103	93	109	101	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	107	99	113	106	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	97	89	109	94	
Equivalent input noise, w/o Noise reduction		20	19	17	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	10	10	dB SPL
Frequency range		<200 - 7390	<200 - 6090	<200 - 5300	<200 - 4850	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (max) 24 (typ)	30 (max) 24 (typ)	30 (max) 24 (typ)	30 (max) 24 (typ)	Hours
Current Drain (Quiescent / Operating) (Model 63-DRW, 64-DRW)		0.84 / 0.88	0.84 / 1.04	0.82 / 1.02	0.82 / 1.04	mA

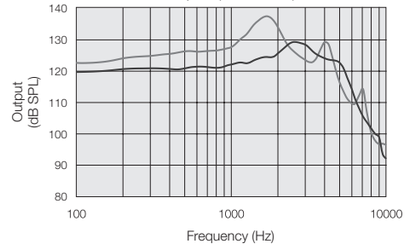
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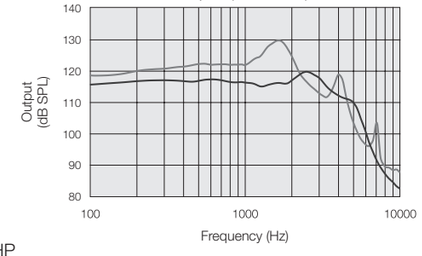
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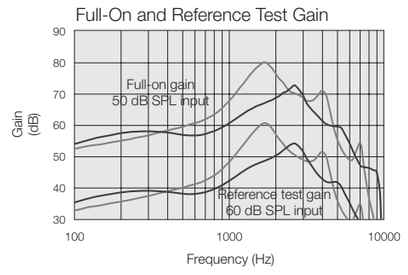
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JIS C 5512: 2015
2cc coupler

Maximum Output (OSPL 90)

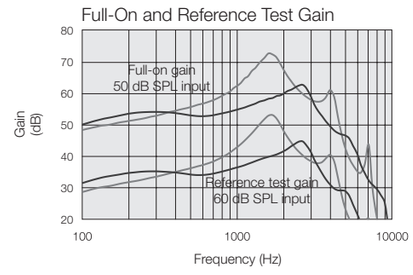




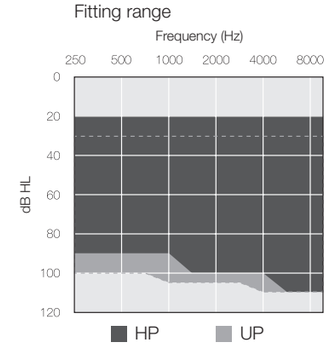
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Fitting range



Full-On Telecoil Response*
Input level 10 mA/m

