



ADV65R SPBTE
Metal hook



ADV65R SPBTE
Plastic hook

Model	ADV365R-SPBTE	ADV265R-SPBTE
Device Configurations		
Battery size 65R-SPBTE	Rechargeable Lithium-Ion	
Control Options	TapControl Push button Multi-Function button Telecoil	
IP Classification	IP68	
Audiological Features		
Channels	12	12
Binaural Directionality III	●	-
Spatial Sense	●	-
Autoscope Adaptive Directionality (w/ Adjustable Directional Mix)	●	●
Synchronised Soft Switching	●	●
Streaming Bass Boost	2 Settings	1 Setting
Fixed Directionality	●	●
Environmental Optimizer I	●	-
Noise Tracker II	2 Settings	1 Setting
Wind Guard	2 Settings	1 Setting
Impulse Noise Reduction	2 Settings	1 Setting
Expansion	2 Settings	1 Setting
Sound Shaper	●	●
DFS Ultra III (w/ Music Mode)	●	●
Synchronised Acceptance Manager	●	●
Low frequency Boost	●	●
Amplification Strategy (WDRC/Semi-Linear/Linear)	●	●
Tinnitus Sound Generator	●	●
Functional Features		
Ear-to-Ear Communication	●	●
MultiConnect	●	●
Bluetooth® Auracast™	●	●
Direct audio streaming (compatible iOS* and Android™ devices)	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●
BeMore app	●	●
Online Services		
Remote Fine Tuning	●	●
Live Assist	●	●
Remote Firmware Updates	●	●
Fitting Features		
Fitting Software Advance Pro 2.2 or higher	●	●
Fully Flexible Programs	4	4
Datalogging	●	●
Wireless fitting with Noahlink Wireless	●	●

* 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.



Desktop charger
 Charging form factor (CFF 90)



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GN Hearing A/S
 Laustrupbjerg 7
 DK-2750 Ballerup
 Denmark
 Tel.: +45 4575 1111
 resound.com

Specsavers Optical Superstores Limited
 Cirrus House
 10 Experian Way
 Nottingham
 NG2 1EP
 United Kingdom
 +44 (0)115 9330500
 www.specsavers.com/hearing



Technical Specifications

ADV65R SPBTE - Metal hook				
ANSI S3.22-2014 IEC 60118-0:2022 JIS C 5512: 2015 2cc coupler				
Reference test gain (60 dB SPL input)	HFA	54	dB	
Full-on gain (50 dB SPL input)	Max.	84	dB	
	HFA	69		
Maximum output (90 dB SPL input)	Max.	140	dB SPL	
	HFA	131		
Total harmonic distortion	500 Hz	6.8	%	
	800 Hz	1.0		
	1600 Hz	0.4		
Full-on SPLIV @ 10mA/m	Max.	132	dB SPL	
	HFA-SPLIV @ 31.6 mA/m	HFA		114
	Full-on HFA-SPLIV @ 10mA/m	HFA		118
Equivalent input noise, w/o Noise reduction		26	dB SPL	
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	7	dB SPL	
Frequency range		<200 - 5250	Hz	
Battery Lifetime (Battery type Rechargeable)*		28 (max)	Hours	
		24 (typical)		

* 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.

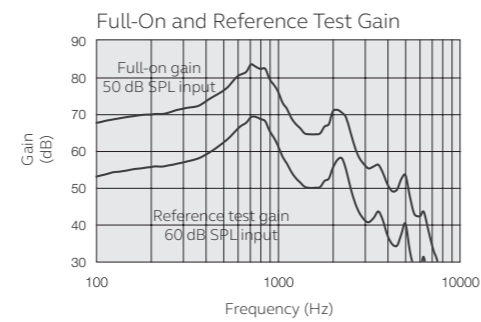
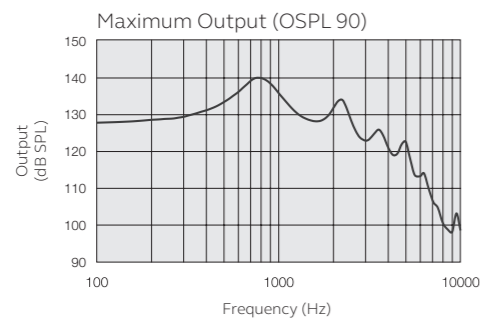
Technical Specifications

ADV65R SPBTE - Plastic hook**				
ANSI S3.22-2014 IEC 60118-0:2022 JIS C 5512: 2015 2cc coupler				
Reference test gain (60 dB SPL input)	HFA	54	dB	
Full-on gain (50 dB SPL input)	Max.	79	dB	
	HFA	67		
Maximum output (90 dB SPL input)	Max.	140	dB SPL	
	HFA	131		
Total harmonic distortion	500 Hz	4.8	%	
	800 Hz	0.7		
	1600 Hz	0.4		
Full-on SPLIV @ 10mA/m	Max.	127	dB SPL	
	HFA-SPLIV @ 31.6 mA/m	HFA		113
	Full-on HFA-SPLIV @ 10mA/m	HFA		116
Equivalent input noise, w/o Noise reduction		24	dB SPL	
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	7	dB SPL	
Frequency range		<200 - 5330	Hz	
Battery Lifetime (Battery type Rechargeable)*		28 (max)	Hours	
		24 (typical)		

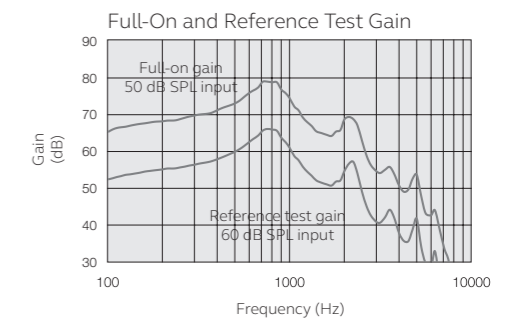
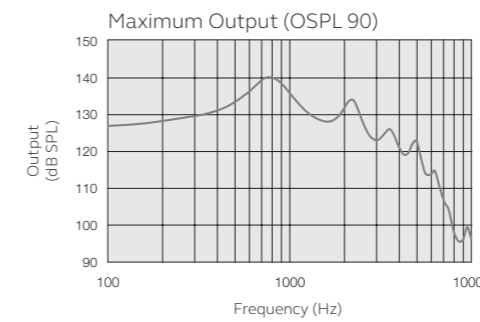
* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment. Maximum number includes no streaming; typical number includes several hours of streaming.

** Optional: Plastic hook version of ADV65R SPBTE models are configured in fitting software with the plastic hook accessory.

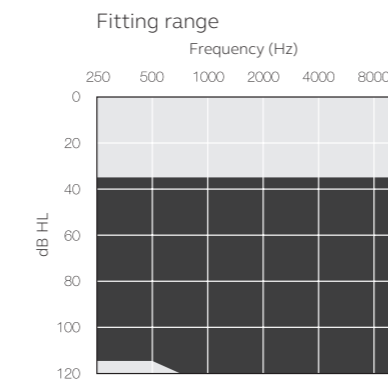
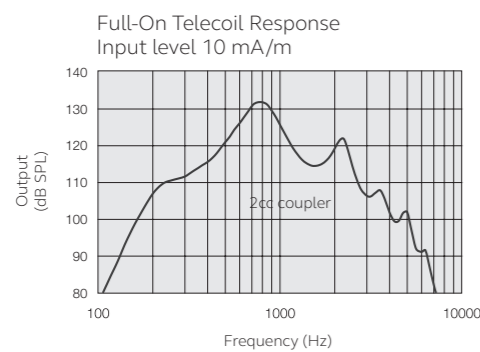
Patents pending.



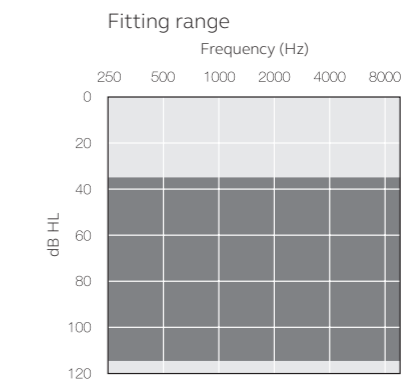
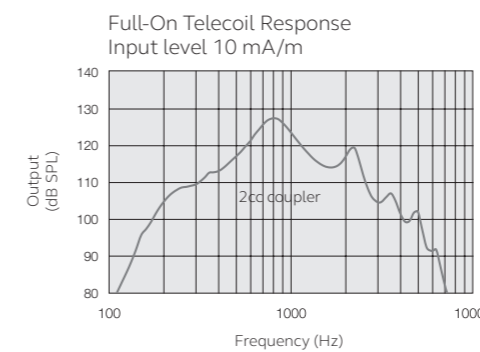
Patents pending.



All specifications are subject to change without notice.



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ADV65R SPBTE
Metal hook



ADV65R SPBTE
Plastic hook

Model	ADV665R-SPBTE	ADV655R-SPBTE	ADV465R-SPBTE
Device Configurations			
Battery size 65R-SPBTE	Rechargeable Lithium-Ion		
Control Options	TapControl Push button Multi-Function button Telecoil		
IP Classification	IP68		
Audiological Features			
Channels	17	14	12
360 All-Around	●	-	-
All Access Directionality	-	●	●
Clear Focus	●	-	-
Front Focus	-	●	-
Ultra Focus	-	-	●
Spatial Sense	●	●	●
Autoscope Adaptive Directionality (w/ Adjustable Directional Mix)	●	●	●
Synchronised Soft Switching	●	●	●
Streaming Bass Boost	3 Settings	3 Settings	2 Settings
Fixed Directionality	●	●	●
Environmental Optimizer II	●	-	-
Environmental Optimizer I	-	●	●
Noise Tracker II	5 Settings	4 Settings	3 Settings
Wind Guard	3 Settings	3 Settings	2 Settings
Impulse Noise Reduction	3 Settings	3 Settings	2 Settings
Expansion	3 Settings	3 Settings	2 Settings
Sound Shaper	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●
Synchronised Acceptance Manager	●	●	●
Low frequency Boost	●	●	●
Amplification Strategy (WDRC/Semi-Linear/Linear)	●	●	●
Tinnitus Sound Generator	●	●	●
Functional Features			
Ear-to-Ear Communication	●	●	●
MultiConnect	●	●	●
Bluetooth® Auracast™	●	●	●
Direct audio streaming (compatible iOS* and Android™ devices)	●	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●	●
BeMore app	●	●	●
Sound Enhancer (BeMore app)	●	-	-
Online Services			
Remote Fine Tuning	●	●	●
Live Assist	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software Advance Pro 2.2 or higher	●	●	●
Fully Flexible Programs	4	4	4
Datalogging	●	●	●
Wireless fitting with Noahlink Wireless	●	●	●

* 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.



Desktop charger
Charging form factor (CFF 90)



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GN Hearing A/S
 Laustrupbjerg 7
 DK-2750 Ballerup
 Denmark
 Tel.: +45 4575 1111
 resound.com

Specsav Optical Superstores Limited
 Cirrus House
 10 Experian Way
 Nottingham
 NG2 1EP
 United Kingdom
 +44 (0)115 9330500
 www.specsav.com/hearing



Technical Specifications

ADV65R SPBTE - Metal hook			
ANSI S3.22-2014 IEC 60118-0:2022 JIS C 5512: 2015 2cc coupler			
Reference test gain (60 dB SPL input)	HFA	54	dB
Full-on gain (50 dB SPL input)	Max. HFA	84 69	dB
Maximum output (90 dB SPL input)	Max. HFA	140 131	dB SPL
Total harmonic distortion	500 Hz	6.8	%
	800 Hz	1.0	
	1600 Hz	0.4	
Full-on SPLIV @ 10mA/m	Max.	132	dB SPL
HFA-SPLIV @ 31.6 mA/m	HFA	114	
Full-on HFA-SPLIV @ 10mA/m	HFA	118	
Equivalent input noise, w/o Noise reduction		26	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	7	dB SPL
Frequency range		<200 - 5250	Hz
Battery Lifetime (Battery type Rechargeable)*		28 (max) 24 (typical)	Hours

* 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.

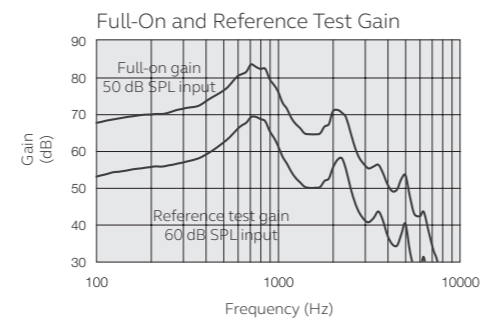
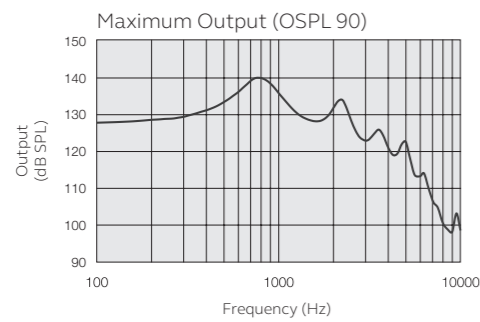
Technical Specifications

ADV65R SPBTE - Plastic hook**			
ANSI S3.22-2014 IEC 60118-0:2022 JIS C 5512: 2015 2cc coupler			
Reference test gain (60 dB SPL input)	HFA	54	dB
Full-on gain (50 dB SPL input)	Max. HFA	79 67	dB
Maximum output (90 dB SPL input)	Max. HFA	140 131	dB SPL
Total harmonic distortion	500 Hz	4.8	%
	800 Hz	0.7	
	1600 Hz	0.4	
Full-on SPLIV @ 10mA/m	Max.	127	dB SPL
HFA-SPLIV @ 31.6 mA/m	HFA	113	
Full-on HFA-SPLIV @ 10mA/m	HFA	116	
Equivalent input noise, w/o Noise reduction		24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	7	dB SPL
Frequency range		<200 - 5330	Hz
Battery Lifetime (Battery type Rechargeable)*		28 (max) 24 (typical)	Hours

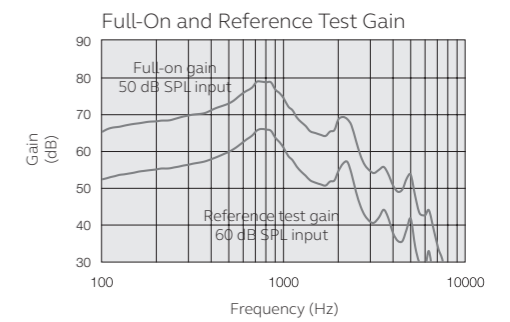
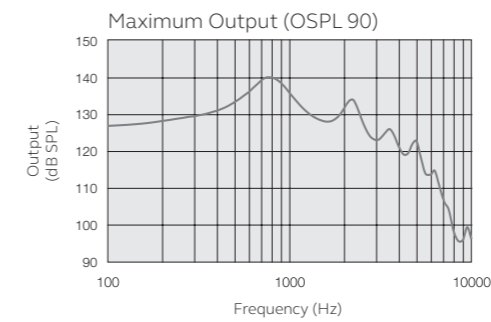
* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment. Maximum number includes no streaming; typical number includes several hours of streaming.

** Optional: Plastic hook version of ADV65R SPBTE models are configured in fitting software with the plastic hook accessory.

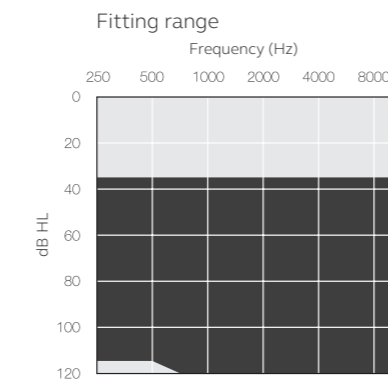
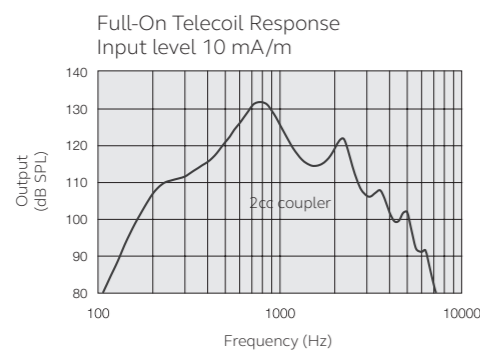
Patents pending.



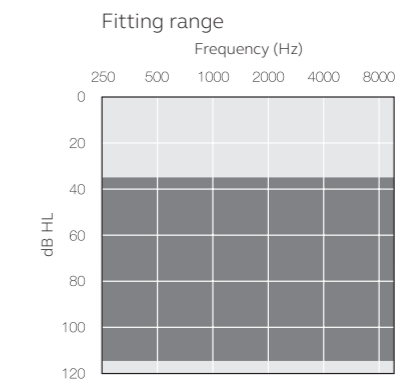
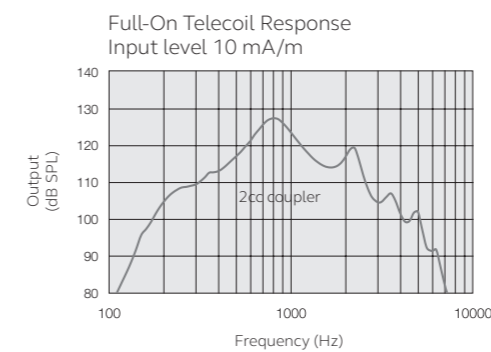
Patents pending.



All specifications are subject to change without notice.



All specifications are subject to change without notice.





ADV65 SPBTE

Model	ADV365-SPBTE	ADV265-SPBTE
Device Configurations		
Battery size	675	
Control Options	Push button Multi-Function button Telecoil	
IP Classification	IP68	
Audiological Features		
Channels	12	12
Binaural Directionality III	●	-
Spatial Sense	●	-
Autoscope Adaptive Directionality (w/Adjustable Directional Mix)	●	●
Adjustable Directional Mix	●	●
Synchronised Soft Switching	●	●
Streaming Bass Boost	2 Settings	1 Setting
Fixed Directionality	●	●
Environmental Optimiser I	●	-
Noise Tracker II	2 Settings	1 Setting
Wind Guard	2 Settings	1 Setting
Impulse Noise Reduction	2 Settings	1 Setting
Expansion	2 Settings	1 Setting
Sound Shaper	●	●
DFS Ultra III	●	●
Synchronised Acceptance Manager	●	●
Low frequency boost	●	●
Amplification strategy (WDRC/Semi-Linear/Linear)	●	●
Tinnitus Sound Generator	●	●
Functional Features		
Ear-to-Ear Communication	●	●
Direct audio streaming (compatible iOS and Android™ devices)	●	●
TV-Streamer 2 and Remote Control	●	●
BeMore app	●	●
Online Services		
Remote Fine Tuning	●	●
Live Assist	●	●
Remote Firmware Updates	●	●
Fitting Features		
Fitting Software Advance Pro 2.3 or higher	●	●
Fully Flexible Programs	4	4
Datalogging	●	●
Wireless fitting with Noahlink Wireless	●	●



Technical Specifications

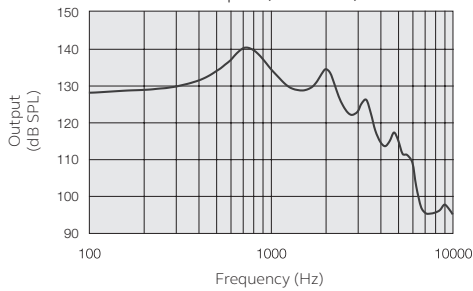
ADV65 SPBTE

ANSI S3.22-2014
IEC 60118-0:2022
2CC coupler

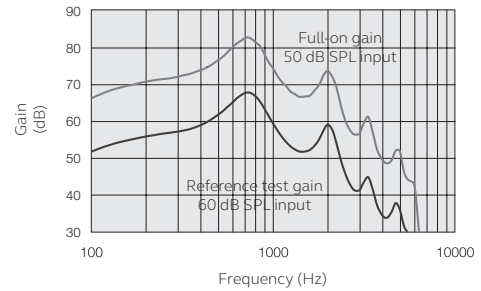
Reference test gain (60 dB SPL input)	HFA	53	dB
Full-on gain (50 dB SPL input)	Max. HFA	83 67	dB
Maximum output (90 dB SPL input)	Max. HFA	141 130	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	4.2 0.5 0.7 0.2	%
Telecoil sensitivity (10 mA/m input)	Max.	133	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	113	dB SPL
Full-on telecoil sensitivity @ 10mA/m	HFA	118	
Equivalent input noise, w/o Noise reduction	HFA	27	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	8	dB SPL
Frequency range		≤200 - 5200	Hz
Current Drain (Quiescent / Operating)		1.3/3.3	mA

Patents pending.

Maximum Output (OSPL 90)

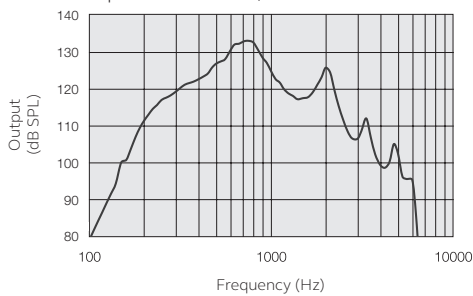


Full-On and Reference Test Gain

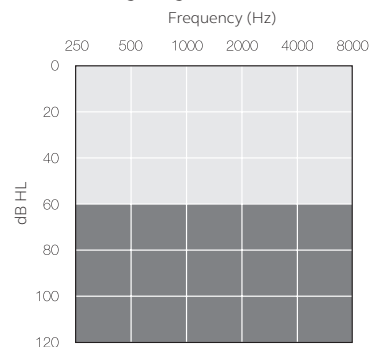


All specifications are subject to change without notice.

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



Fitting range





Model (MM Receiver)	ADV665RAI-RIE* ADV665-RIE*	ADV565R-RIE ADV565-RIE	ADV465R-RIE ADV465-RIE
Device Configurations			
Battery size 65R-RIE	Rechargeable Lithium-Ion		
Battery size 65-RIE	312 Zinc-Air		
Receiver Options	MM		
Control Options	TapControl (65R-RIE), Push button (65-RIE and 65R-RIE)		
IP Classification	IP68		
Audiological Features			
Channels	17	14	12
360 All-Around	●	-	-
All Access Directionality	-	●	●
Intelligent Focus**	●	-	-
Clear Focus***	●	-	-
Front Focus	-	●	-
Ultra Focus	-	-	●
M&RIE	●	●	●
Autoscope Adaptive Directionality (w/Adjustable Directional Mix)	●	●	●
Synchronised Soft Switching	●	●	●
Streaming Bass Boost	3 Settings	3 Settings	2 Settings
Environmental Optimizer II	●	-	-
Environmental Optimizer I	-	●	●
Intelligent Noise Tracker****	3 Settings	-	-
Noise Tracker II	5 Settings	4 Settings	3 Settings
Wind Guard	3 Settings	3 Settings	2 Settings
Impulse Noise Reduction	3 Settings	3 Settings	2 Settings
Expansion	3 Settings	3 Settings	2 Settings
Sound Shaper	●	●	●
DFS Ultra III (w/Music Mode)	●	●	●
Synchronised Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
Functional Features			
Ear-to-Ear Communication	●	●	●
Bluetooth® Auracast™	●	●	●
Direct audio streaming (compatible iOS***** and Android™ devices)	●	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●	●
BeMore app	●	●	●
Sound Enhancer (BeMore app)	●	-	-
Online Services			
Remote Fine Tuning	●	●	●
Live Assist	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software Advance Pro 2.1 or higher	●	●	●
Fully Flexible Programs	4	4	4
Datalogging	●	●	●
Wireless fitting with Noahlink Wireless	●	●	●
Automatic Receiver Detection	●	●	●

* ADVX65R-RIE-F6 and ADVX65-RIE-F6 models have the capability to change the feature set from the highest level to the other price points for demo purposes.
 ** Intelligent Focus only available for the 65R-RIE model.
 *** Clear Focus only available for the 65-RIE model.
 **** Intelligent Noise Tracker only available in the Hear in Noise program of 65R-RIE models.
 ***** 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.



Desktop charger
 Charging form factor (CFF) 8



Premium charger
 Charging form factor (CFF) 8



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GN Hearing A/S
 Laustrupbjerg 7
 DK-2750 Ballerup
 Denmark
 Tel.: +45 4575 1111
 resound.com

Specsavers Optical Superstores Limited
 Cirrus House
 10 Experian Way
 Nottingham
 NG2 1EP
 United Kingdom
 +44 (0)115 9330500
 www.specsavers.com/hearing



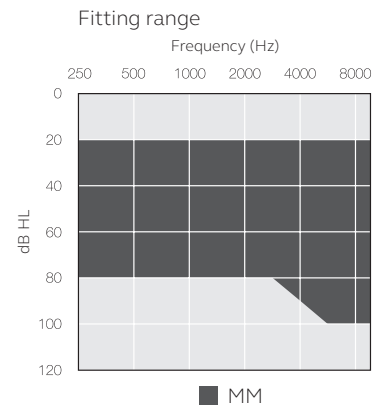
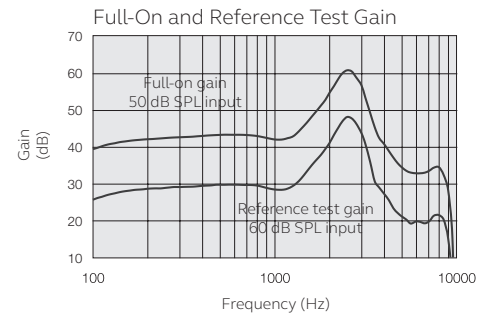
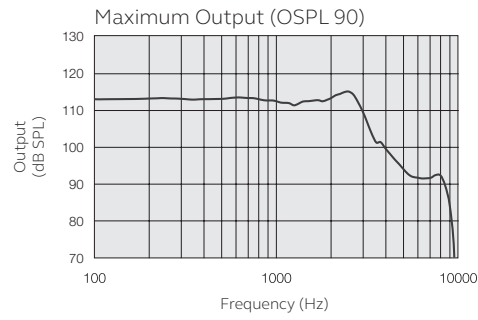
Technical Specifications

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

Reference test gain (60 dB SPL input)	HFA	37	dB
Full-on gain (50 dB SPL input)	Max. HFA	61 50	dB
Maximum output (90 dB SPL input)	Max. HFA	115 113	dB SPL
Total harmonic distortion	500 Hz	0.4	%
	800 Hz	0.6	
	1600 Hz	0.4	
Equivalent input noise, w/o Noise reduction		22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	dB SPL
Frequency range		<200 - >8000	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (max) 24 (typ)	Hours
Current Drain (Quiescent / Operating) (Model 65-RIE)		0.81 / 0.83	mA

* 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.



Model (Standard Receiver)	ADV665RAI-RIE* ADV665-RIE*	ADV565R-RIE ADV565-RIE	ADV465R-RIE ADV465-RIE
Device Configurations			
Battery size 65R-RIE	Rechargeable Lithium-Ion		
Battery size 65-RIE	312 Zinc-Air		
Receiver Options	LP, MP, HP, UP		
Control Options	TapControl (65R-RIE), Push button (65-RIE and 65R-RIE)		
IP Classification	IP68		
Audiological Features			
Channels	17	14	12
360 All-Around	●	-	-
All Access Directionality	-	●	●
Intelligent Focus**	●	-	-
Clear Focus***	●	-	-
Front Focus	-	●	-
Ultra Focus	-	-	●
Spatial Sense	●	●	●
Autoscope Adaptive Directionality (w/Adjustable Directional Mix)	●	●	●
Synchronised Soft Switching	●	●	●
Streaming Bass Boost	3 Settings	3 Settings	2 Settings
Environmental Optimizer II	●	-	-
Environmental Optimizer I	-	●	●
Intelligent Noise Tracker****	3 Settings	-	-
Noise Tracker II	5 Settings	4 Settings	3 Settings
Wind Guard	3 Settings	3 Settings	2 Settings
Impulse Noise Reduction	3 Settings	3 Settings	2 Settings
Expansion	3 Settings	3 Settings	2 Settings
Sound Shaper	●	●	●
DFS Ultra III (w/Music Mode)	●	●	●
Synchronised Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
Functional Features			
Ear-to-Ear Communication	●	●	●
Bluetooth® Auracast™	●	●	●
Direct audio streaming (compatible iOS***** and Android™ devices)	●	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●	●
BeMore app	●	●	●
Sound Enhancer (BeMore app)	●	-	-
Online Services			
Remote Fine Tuning	●	●	●
Live Assist	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software Advance Pro 2.1 or higher	●	●	●
Fully Flexible Programs	4	4	4
Datalogging	●	●	●
Wireless fitting with Noahlink Wireless	●	●	●
Automatic Receiver Detection	●	●	●

* ADVX65R-RIE-F6 and ADVX65-RIE-F6 models have the capability to change the feature set from the highest level to the other price points for demo purposes.
 ** Intelligent Focus only available for the 65R-RIE model.
 *** Clear Focus only available for the 65-RIE model.
 **** Intelligent Noise Tracker only available in the Hear in Noise program of 65R-RIE models.
 ***** 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.



Desktop charger
 Charging form factor (CFF) 8



Premium charger
 Charging form factor (CFF) 8



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GN Hearing A/S
 Lautreupbjerg 7
 DK-2750 Ballerup
 Denmark
 Tel.: +45 4575 1111
 resound.com

Specsavers Optical Superstores Limited
 Cirrus House
 10 Experian Way
 Nottingham
 NG2 1EP
 United Kingdom
 +44 (0)115 9330500
 www.specsavers.com/hearing

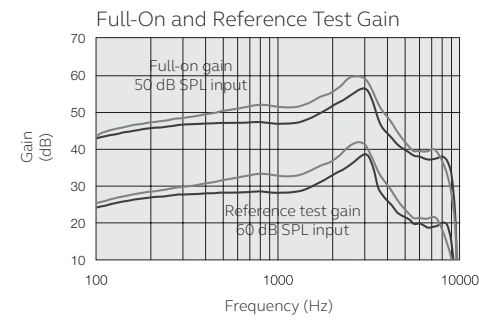
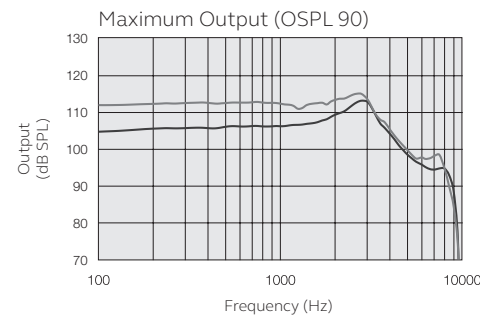


Technical Specifications

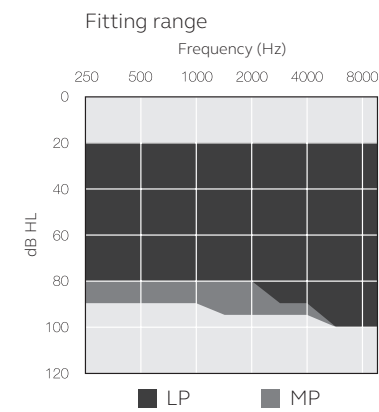
		LP	MP	
		ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	31	36	dB
Full-on gain (50 dB SPL input)	Max. HFA	56 50	60 55	dB
Maximum output (90 dB SPL input)	Max. HFA	113 109	115 113	dB SPL
Total harmonic distortion	500 Hz	0.6	0.7	%
	800 Hz	0.8	0.9	
	1600 Hz	1.4	1.3	
Equivalent input noise, w/o Noise reduction		22	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	8	9	dB SPL
Frequency range		<200 - >8000	<200 - >8000	Hz
Battery Lifetime (Battery type Rechargeable)*		30 (max) 24 (typ)	30 (max) 24 (typ)	Hours
Current Drain (Quiescent / Operating) (Model 65-RIE)		0.81 / 1.03	0.81 / 0.92	mA

* 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.



■ LP
■ MP



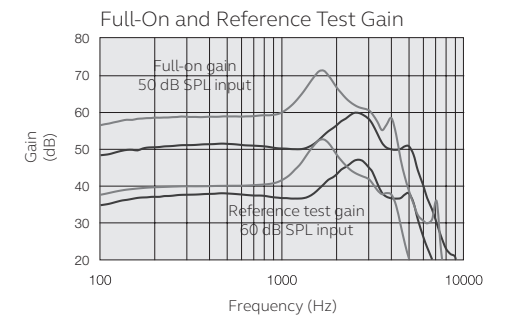
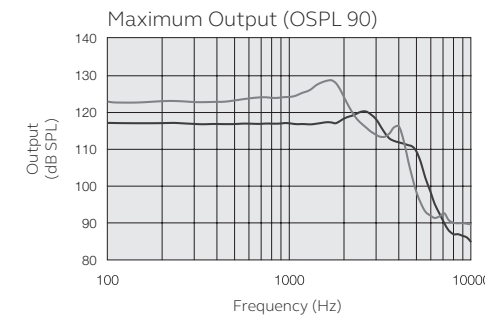
All specifications are subject to change without notice.

Technical Specifications

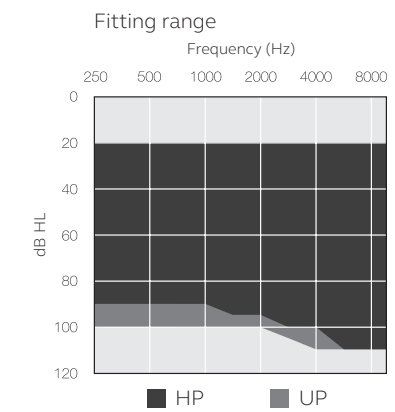
		HP	UP	
		ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	41	46	dB
Full-on gain (50 dB SPL input)	Max. HFA	60 54	71 65	dB
Maximum output (90 dB SPL input)	Max. HFA	120 118	129 123	dB SPL
Total harmonic distortion	500 Hz	0.5	0.5	%
	800 Hz	0.8	0.4	
	1600 Hz	0.8	0.1	
Equivalent input noise, w/o Noise reduction		21	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	8	dB SPL
Frequency range		<200 - 6590	<200 - 4650	Hz
Battery Lifetime (Battery type Rechargeable)*		30 (max) 24 (typ)	30 (max) 24 (typ)	Hours
Current Drain (Quiescent / Operating) (Model 65-RIE)		0.81 / 0.94	0.81 / 0.87	mA

* 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.



■ HP
■ UP



All specifications are subject to change without notice.



ADV65R-RIE

ADV265-RIE

Model (Standard Receiver)	ADV365R-RIE* ADV365-RIE*	ADV265R-RIE ADV265-RIE
Device Configurations		
Battery size 65R-RIE	Rechargeable Lithium-Ion	
Battery size 65-RIE	312 Zinc-Air	
Receiver Options	LP, MP, HP, UP	
Control Options	Push button (65-RIE and 65R-RIE)	
IP Classification	IP68	
Audiological Features		
Channels	12	12
Binaural Directionality III	●	-
Spatial Sense	●	-
Autoscope Adaptive Directionality (w/Adjustable Directional Mix)	●	●
Adjustable Directional Mix	●	●
Synchronised Soft Switching	●	●
Streaming Bass Boost	2 Settings	1 Setting
Fixed Directionality	●	●
Environmental Optimizer I	●	-
Noise Tracker II	2 Settings	1 Setting
Wind Guard	2 Settings	1 Setting
Impulse Noise Reduction	2 Settings	1 Setting
Expansion	2 Settings	1 Setting
Sound Shaper	●	●
DFS Ultra III (w/Music Mode)**	●	●
Synchronised Acceptance Manager	●	●
Tinnitus Sound Generator	●	●
Functional Features		
Ear-to-Ear Communication	●	●
Bluetooth® Auracast™	●	●
Direct audio streaming (compatible iOS*** and Android™ devices)	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●
BeMore app	●	●
Online Services		
Remote Fine Tuning	●	●
Live Assist	●	●
Remote Firmware Updates	●	●
Fitting Features		
Fitting Software Advance Pro 2.1 or higher	●	●
Fully Flexible Programs	4	4
Datalogging	●	●
Wireless fitting with Noahlink Wireless	●	●
Automatic Receiver Detection	●	●

* ADVX65R-RIE-F3 and ADVX65-RIE-F3 models have the capability to change the feature set from the highest level to the other price points for demo purposes.

** Music Mode only available in ADV 3.

*** 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.



Desktop charger
 Charging form factor (CFF) 9



Premium charger
 Charging form factor (CFF) 9

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GN Hearing A/S
 Lautrupbjerg 7
 DK-2750 Ballerup
 Denmark
 Tel.: +45 4575 1111
 resound.com

Specsavers Optical Superstores Limited
 Cirrus House
 10 Experian Way
 Nottingham
 NG2 1EP
 United Kingdom
 +44 (0)115 9330500
 www.specsavers.com/hearing



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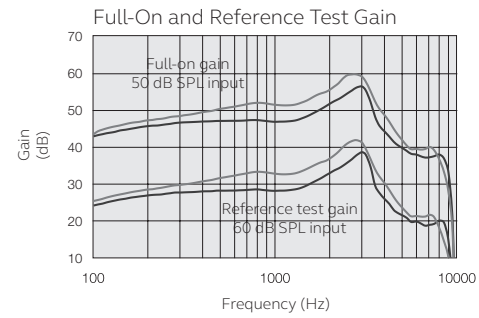
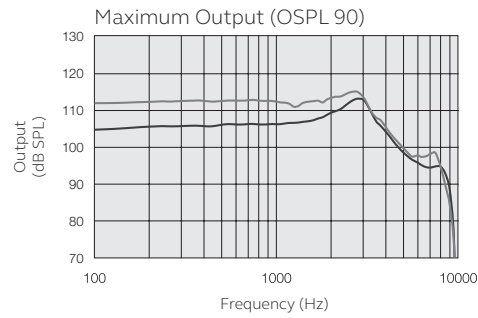


Technical Specifications

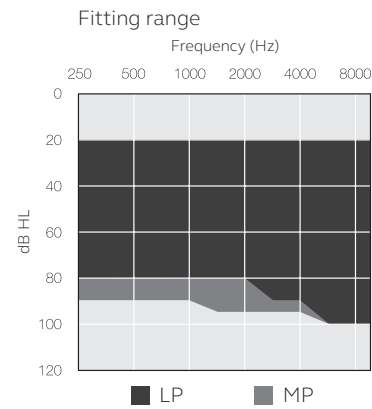
		LP	MP	
		ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	31	36	dB
Full-on gain (50 dB SPL input)	Max. HFA	56 50	60 55	dB
Maximum output (90 dB SPL input)	Max. HFA	113 109	115 113	dB SPL
Total harmonic distortion	500 Hz	0.6	0.7	%
	800 Hz	0.8	0.9	
	1600 Hz	1.4	1.3	
Equivalent input noise, w/o Noise reduction		22	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	8	9	dB SPL
Frequency range		<200 - >8000	<200 - >8000	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (max) 24 (typ)	30 (max) 24 (typ)	Hours
Current Drain (Quiescent / Operating) (Model 65-RIE)		0.81 / 1.03	0.81 / 0.92	mA

* 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.



■ LP
■ MP



■ LP ■ MP

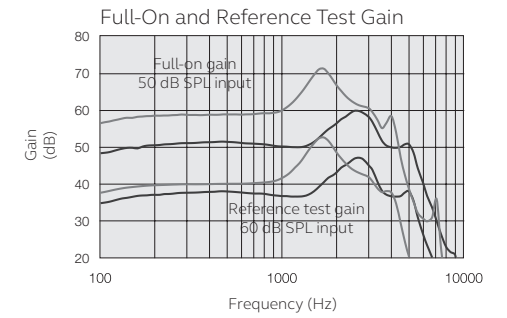
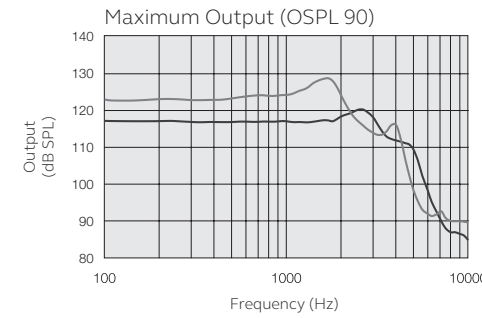
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Technical Specifications

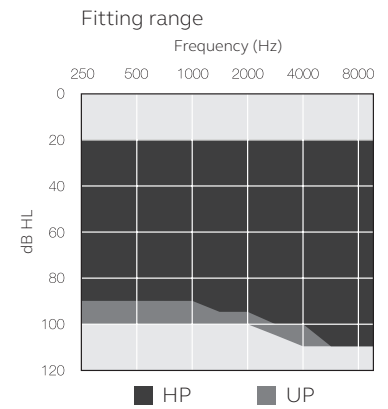
		HP	UP	
		ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	41	46	dB
Full-on gain (50 dB SPL input)	Max. HFA	60 54	71 65	dB
Maximum output (90 dB SPL input)	Max. HFA	120 118	129 123	dB SPL
Total harmonic distortion	500 Hz	0.5	0.5	%
	800 Hz	0.8	0.4	
	1600 Hz	0.8	0.1	
Equivalent input noise, w/o Noise reduction		21	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	8	dB SPL
Frequency range		<200 - 6590	<200 - 4650	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (max) 24 (typ)	30 (max) 24 (typ)	Hours
Current Drain (Quiescent / Operating) (Model 65-RIE)		0.81 / 0.94	0.81 / 0.87	mA

* 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.



■ HP
■ UP



■ HP ■ UP

All specifications are subject to change without notice.



Model	ADVCR65R-RIE
Device Configurations	
Battery size	Rechargeable Lithium-Ion
Receiver Options	LP, MP, HP
Control Options	Push button
IP Classification	IP68
Battery Lifetime (CROS/BiCROS fitting)	16 (typ) hours
Audiological Features	
Soft Switching	•
Adaptive Autoscope	•
Fixed Directionality	•
Omni	•
Noise Reduction Settings	Paired hearing aid options
CROS balance control	•
Connectivity Features	
Wireless accessory and direct streaming	Paired hearing aid options
Wireless fitting with NoahLink Wireless	•



Desktop charger
 Charging form factor (CFF) 8



Premium charger
 Charging form factor (CFF) 8



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GN Hearing A/S
 Lautrupbjerg 7
 DK-2750 Ballerup
 Denmark
 Tel.: +45 4575 1111
 resound.com

Specsavers Optical Superstores Limited
 Cirrus House
 10 Experian Way
 Nottingham
 NG2 1EP
 United Kingdom
 +44 (0)115 9330500
 www.specsavers.com/hearing



Technical Specifications

		LP	MP	
		ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	31	36	dB
Full-on gain (50 dB SPL input)	Max. HFA	56 50	60 55	dB
Maximum output (90 dB SPL input)	Max. HFA	113 109	115 113	dB SPL
Total harmonic distortion	500 Hz	0.6	0.7	%
	800 Hz	0.8	0.9	
	1600 Hz	1.4	1.3	
Equivalent input noise, w/o Noise reduction		22	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	8	9	dB SPL
Frequency range		<200 - >8000	<200 - >8000	Hz
Battery Lifetime (Battery type Rechargeable)*		30 (max) 24 (typ)	30 (max) 24 (typ)	Hours

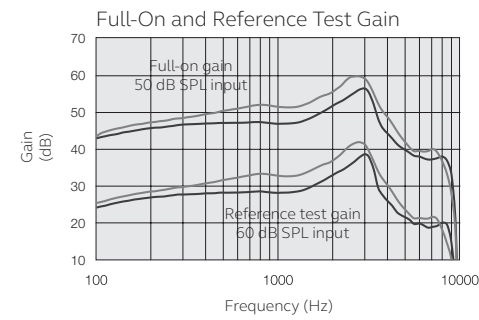
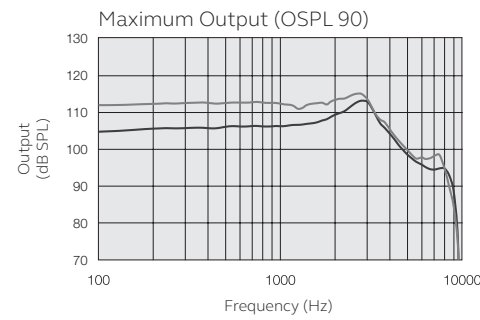
* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment. Maximum number includes no streaming; typical number includes several hours of streaming.

Technical Specifications

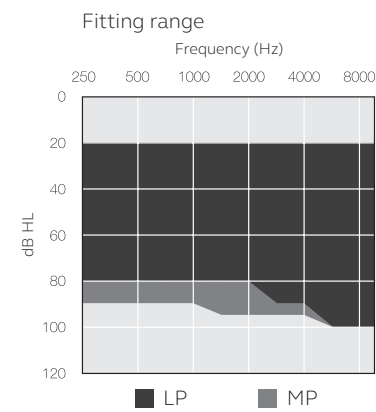
		HP	
		ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	41	dB
Full-on gain (50 dB SPL input)	Max. HFA	60 54	dB
Maximum output (90 dB SPL input)	Max. HFA	120 118	dB SPL
Total harmonic distortion	500 Hz	0.5	%
	800 Hz	0.8	
	1600 Hz	0.8	
Equivalent input noise, w/o Noise reduction		21	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	dB SPL
Frequency range		<200 - 6590	Hz
Battery Lifetime (Battery type Rechargeable)*		30 (max) 24 (typ)	Hours

* 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.



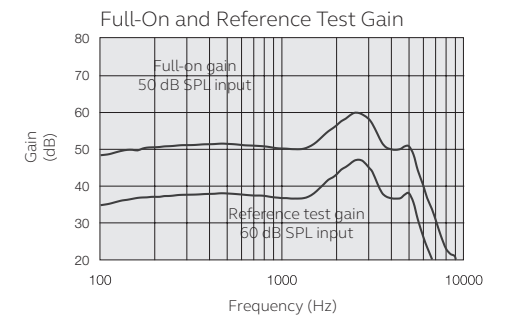
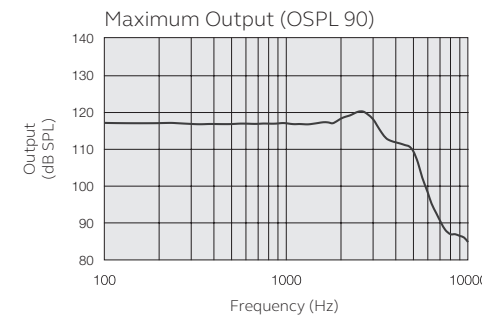
■ LP
■ MP



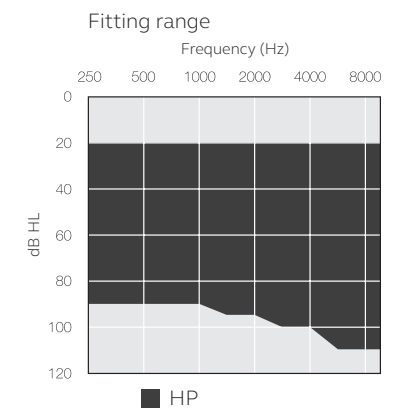
■ LP ■ MP

All specifications are subject to change without notice.

Patents pending.



■ HP



■ HP

All specifications are subject to change without notice.



ITC

Model	ADV664X-ITC-DW	ADV564X-ITC-DW	ADV464X-ITC-DW
Device Configurations			
Battery	312		
Control Options	Push button and Volume Control		
Receiver Options	LP, MP, HP, UP		
IP Classification	IP68		
Audiological Features			
Number of Channels	17	14	12
Autoscope Adaptive Directionality	●	-	-
Adjustable directional mix	●	-	-
Multiscope Adaptive Directionality	-	●	-
Adaptive directionality	-	-	●
Soft Switching	●	●	●
Environmental Optimiser II	●	-	-
Environmental Optimiser I	-	●	●
Noise Tracker II	5 settings	3 settings	2 settings
Expansion	3 settings	2 settings	On/Off
Impulse Noise Reduction	3 settings	3 settings	On/Off
Wind Guard	3 settings	2 settings	On/Off
Sound Shaper	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●
Synchronised Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
Functional Features			
Ear to Ear Communication (Controls only)	●	●	●
Bluetooth® Auracast™	●	●	●
Direct audio streaming (compatible iOS and Android™ devices)	●	●	●
TV-Streamer+ and Multi-Mic+	●	●	●
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
BeMore app	●	●	●
Sound Enhancer (BeMore app)	●	-	-
Online Services			
Remote Fine Tuning	●	●	●
Live Assist	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software Advance Pro 2.0 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Datalogging	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●

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Technical Specifications

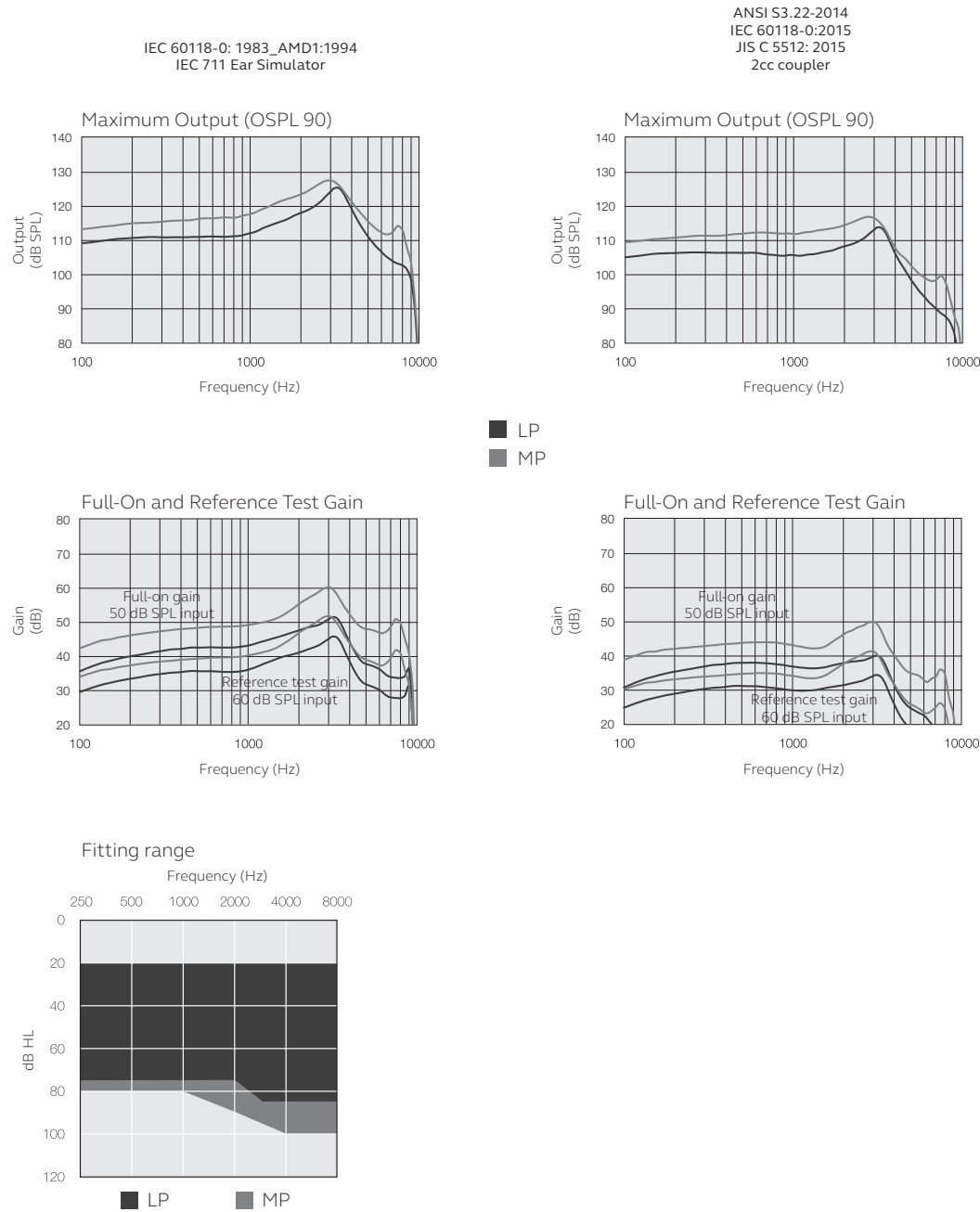
		LP		MP		
		IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	40	31	44	36	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	51 46	40 37	60 52	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125 116	114 108	127 122	117 114	dB SPL
Total harmonic distortion	500 Hz	1.9	1.2	0.8	0.5	%
	800 Hz	2.3	1.3	1.1	0.7	
	1600 Hz	1.4	1.0	0.5	0.4	
	3200 Hz	-	0.2	-	0.2	
Equivalent input noise, w/o Noise reduction		23	23	25	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	9	9	dB SPL
Frequency range		<200 ->8000	<200 ->8000	<200 ->8000	<200 ->8000	Hz
Current Drain (Quiescent / Operating) (Battery type 312)		0.79 / 0.88	0.79 / 0.99	0.78 / 1.01	0.78 / 1.01	mA

Technical Specifications

		HP		UP		
		IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 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	41	60	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 61	60 54	77 74	68 61	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	129 126	120 118	139 137	130 124	dB SPL
Total harmonic distortion	500 Hz	0.9	0.6	0.7	0.4	%
	800 Hz	1.6	0.9	0.8	0.5	
	1600 Hz	0.2	0.1	0.2	0.1	
	3200 Hz	-	0.1	-	0.0	
Equivalent input noise, w/o Noise reduction		23	22	19	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	9	11	10	dB SPL
Frequency range		<200 - 7500	<200 - 6990	<200 - 6060	<200 - 5480	Hz
Current Drain (Quiescent / Operating) (Battery type 312)		0.78 / 0.98	0.78 / 0.98	0.79 / 0.84	0.79 / 0.94	mA

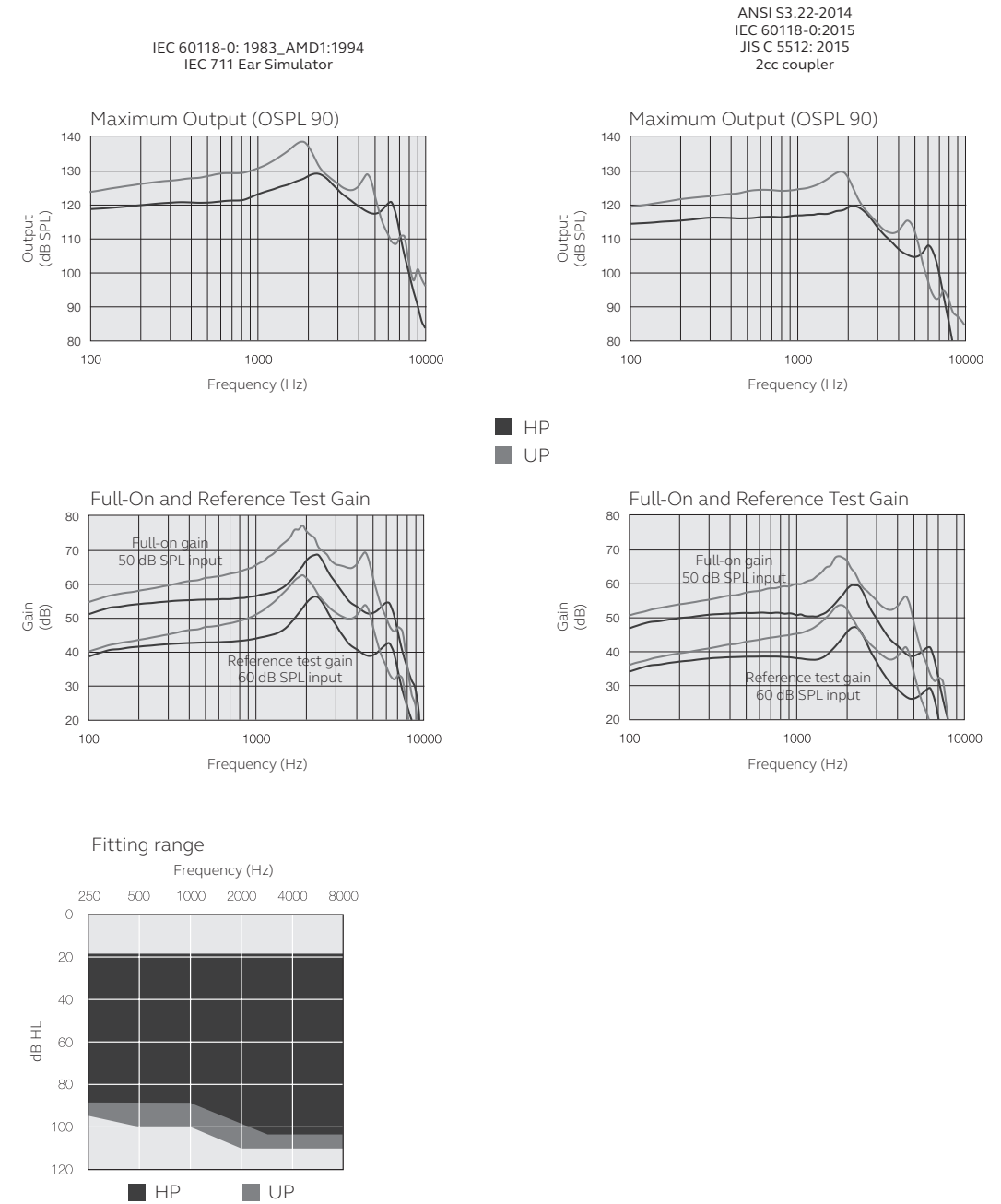
Patents pending.

All specifications are subject to change without notice.



Patents pending.

All specifications are subject to change without notice.





ITC

Model	ADV365-ITC-DW	ADV265-ITC-DW
Device Configurations		
Battery	312	
Control Options	Push button and Volume Control	
Receiver Options	LP, MP, HP, UP	
IP Classification	IP68	
Audiological Features		
Number of Channels	12	12
Adaptive directionality	●	●
Soft Switching	●	●
Fixed Directionality	●	●
Streaming Bass Boost	2 settings	1 setting
Environmental Optimiser I	●	-
Noise Tracker II	2 settings	1 setting
Expansion	2 settings	1 setting
Impulse Noise Reduction	2 settings	1 setting
Wind Guard	2 settings	1 setting
Sound Shaper	●	●
DFS Ultra III	●	●
Music Mode	●	-
Synchronised Acceptance Manager	●	●
Low frequency Boost*	●	●
Amplification Strategy (WDRC/Semi-Linear/Linear)*	●	●
Tinnitus Sound Generator	●	●
Functional Features		
Ear to Ear Communication (Controls only)	●	●
Bluetooth® Auracast™	●	●
Direct audio streaming (compatible iOS and Android™ devices)	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●
BeMore app	●	●
Online Services		
Remote Fine Tuning	●	●
Live Assist	●	●
Remote Firmware Updates	●	●
Fitting Features		
Fitting Software Advance Pro 2.3 or higher	●	●
Fully Flexible Programs	4	4
Auto DFS	●	●
Datalogging	●	●
Wireless Fitting with Noahlink Wireless	●	●

* Only available for UP receiver.



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GN Hearing A/S
 Laurupbjerg 7
 DK-2750 Ballerup
 Denmark
 Tel.: +45 4575 1111
 resound.com

Specsavers Optical Superstores Limited
 Citrus House
 10 Experian Way
 Nottingham
 NG2 1EP
 United Kingdom
 +44 (0)115 9330500
 www.specsavers.com/hearing



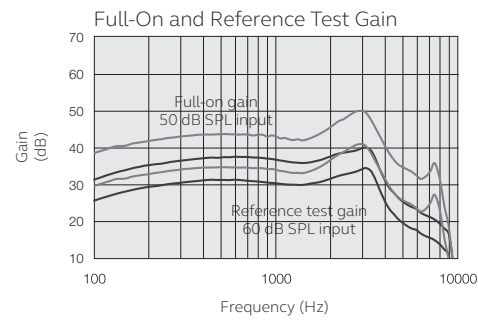
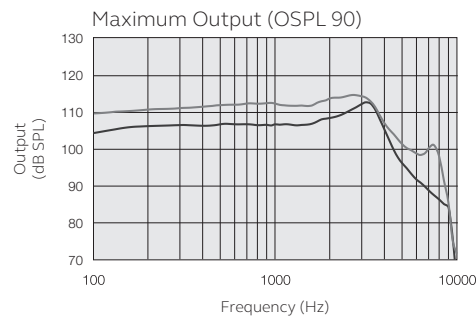
Technical Specifications

		LP	MP	
		ANSI S3.22-2014 IEC 60118-0:2022 2cc coupler	ANSI S3.22-2014 IEC 60118-0:2022 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	31	36	dB
Full-on gain (50 dB SPL input)	Max.	40	50	dB
	HFA	37	45	
Maximum output (90 dB SPL input)	Max.	113	115	dB SPL
	HFA	108	113	
Total harmonic distortion	500 Hz	1.3	0.6	%
	800 Hz	1.3	0.8	
	1600 Hz	1.0	0.5	
	3200 Hz	0.2	0.2	
Equivalent input noise		23	23	dB SPL
Frequency range		≤200 - ≥8000	≤200 - ≥8000	Hz
Current Drain (Quiescent / Operating) (Battery type 312)		0.75 / 0.95	0.78 / 1.05	mA

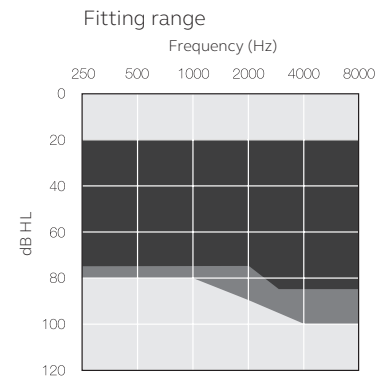
Technical Specifications

		HP	UP	
		ANSI S3.22-2014 IEC 60118-0:2022 2cc coupler	ANSI S3.22-2014 IEC 60118-0:2022 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	41	46	dB
Full-on gain (50 dB SPL input)	Max.	60	68	dB
	HFA	54	61	
Maximum output (90 dB SPL input)	Max.	120	128	dB SPL
	HFA	118	123	
Total harmonic distortion	500 Hz	0.6	0.3	%
	800 Hz	1.1	0.6	
	1600 Hz	0.2	0.2	
	3200 Hz	0.1	0.0	
Equivalent input noise		23	23	dB SPL
Frequency range		≤200 - 6980	≤200 - 5350	Hz
Current Drain (Quiescent / Operating) (Battery type 312)		0.75 / 1.01	0.78 / 0.91	mA

Patents pending.

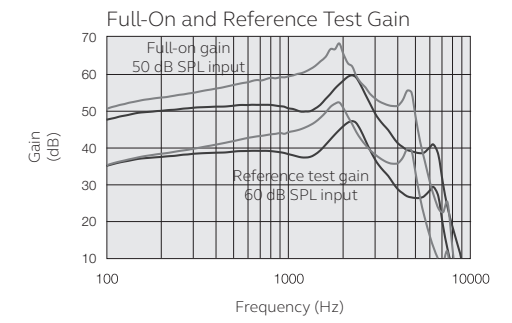
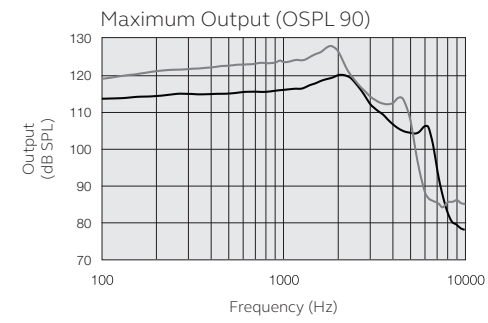


■ LP
■ MP

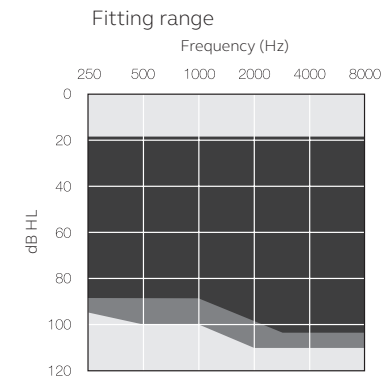


All specifications are subject to change without notice.

Patents pending.



■ HP
■ UP



All specifications are subject to change without notice.



ADV64RX-PBTE ADV64RX-PBTE Metal Hook

Model	ADV464RX-PBTE
Device Configurations	
Battery size	Rechargeable Lithium-Ion
Control Options	PB and VC
IP Classification	IP68
Audiological Features	
Number of Channels	14
All Access Directionality	●
Spatial Sense	●
Ultra Focus	●
Synchronised Soft Switching	●
Environmental Optimiser I	●
Noise Tracker II	3 settings
Expansion	2 settings
Impulse Noise Reduction	3 settings
Wind Guard	2 settings
Sound Shaper	●
DFS Ultra III (w/ Music Mode)	●
Synchronised Acceptance Manager	●
Tinnitus Sound Generator	●
Functional Features	
Ear to Ear Communication	●
Direct audio streaming	●
Direct Audio Input (DAI)	●
Telecoil (TC)	●
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●
BeMore app	●
Online Services	
Remote Fine Tuning	●
Live Assist	●
Remote Firmware Updates	●
Fitting Features	
Fitting Software Advance Pro 2.0 or higher	●
Fully Flexible Programs	4
Auto DFS	●
Datalogging	●
Wireless Fitting with Noahlink Wireless	●



Charger

Charging cable

AC/DC Adaptor (EU example)

Technical data	Desktop Charger
Dimensions	82 mm x 36 mm x 46 mm / 3.2" x 1.4" x 1.8"
Weight	82 grams / 2.9 oz
Power Supply	USB power supply, 5 V
Charging form factor (CFF)	80
Charging time for Hearing Instrument	< 35 °C (95 °F): 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz and 333 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C (41 °F) to + 35 °C (95 °F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger and Hearing Instrument	- 25 °C (-13 °F) to + 5 °C (41 °F), + 5 °C (41 °F) to + 35 °C (95 °F) at a relative humidity up to 90%, non-condensing, > 35 °C (95 °F) to 70 °C (158 °F) at a water vapour pressure up to 50 hPa

SSGNRDSBPRCV10424

402877000GB-24.06-Rev.A



Technical Specifications

		ADV464RX-PBTE		
		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	57	52	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	75 67	67 61	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	140 134	133 129	dB SPL
Total harmonic distortion	500 Hz	0.7	0.7	%
	800 Hz	1.3	0.6	
	1600 Hz	0.4	0.3	
Telecoil sensitivity (1 mA/m input)	Max.	105	97	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	121	112	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	97	92	
Equivalent input noise, w/o Noise reduction		23	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	10	dB SPL
Frequency range IEC60118-0:2015*		100-6440	100-5170	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
 ** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

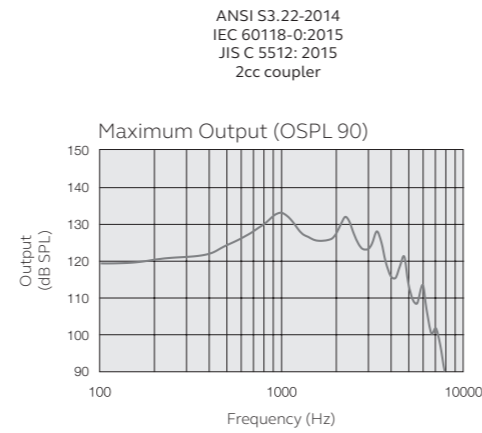
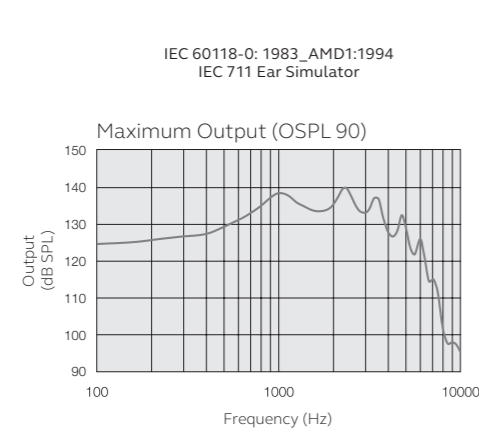
Technical Specifications

		ADV464RX-PBTE - Metal hook***		
		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	59	52	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	80 72	73 67	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	140 134	133 129	dB SPL
Total harmonic distortion	500 Hz	1.0	0.7	%
	800 Hz	1.8	1.0	
	1600 Hz	0.5	0.4	
Telecoil sensitivity (1 mA/m input)	Max.	110	102	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	122	112	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	103	97	
Equivalent input noise, w/o Noise reduction		23	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	11	dB SPL
Frequency range IEC60118-0:2015*		100-5430	100-4970	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
 ** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.
 *** Metal hook version of ADV464RX-PBTE models are configured in fitting software with the metal hook accessory.

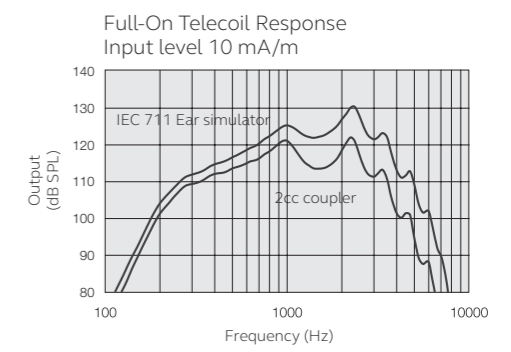
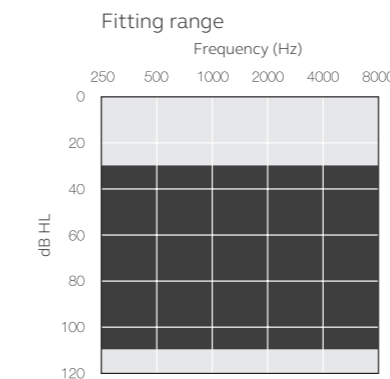
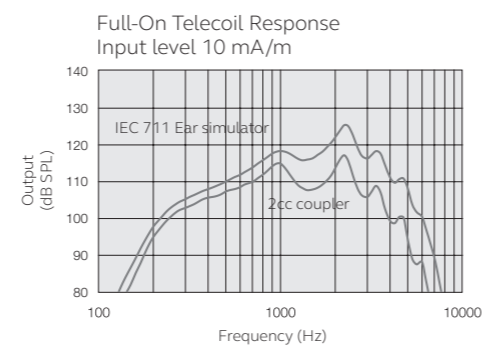
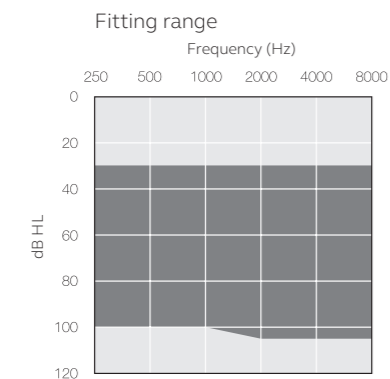
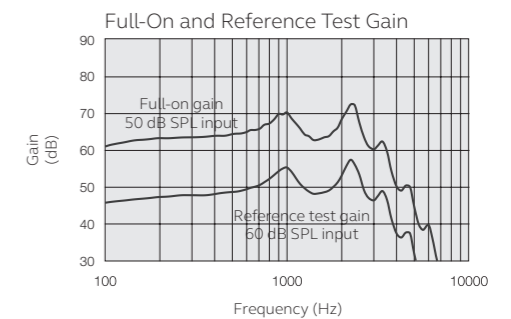
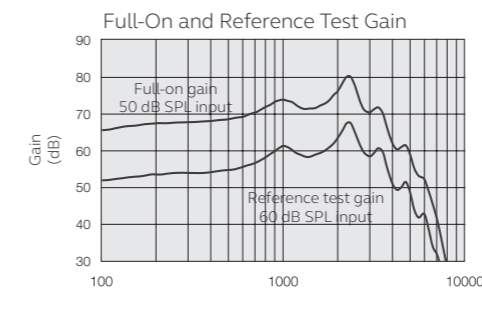
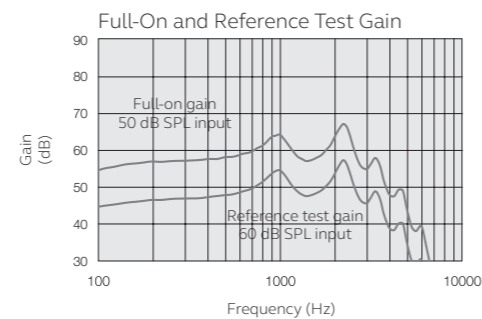
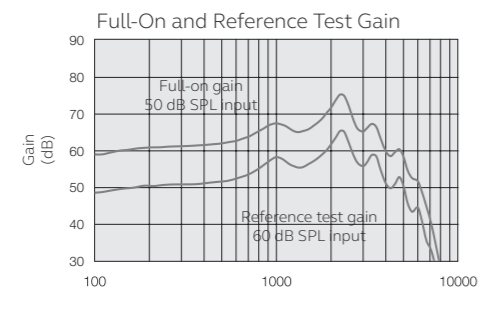
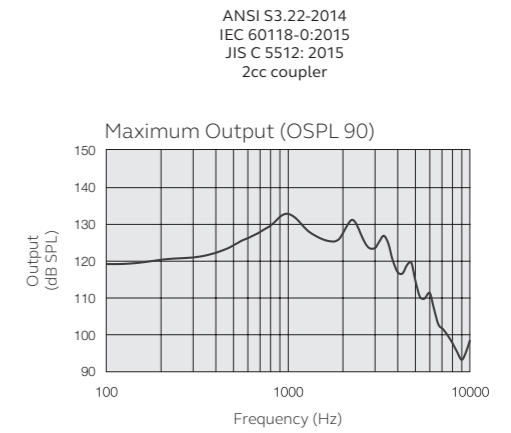
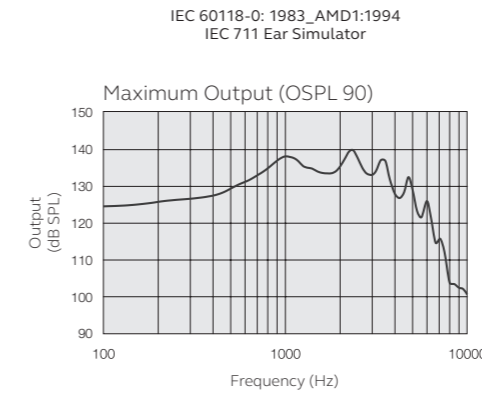
Patents pending.

All specifications are subject to change without notice.



Patents pending.

All specifications are subject to change without notice.





Model	ADV464RX-BTE
Device Configurations	
Battery size	Rechargeable Lithium-Ion
Control Options	PB
IP Classification	IP68
Audiological Features	
Number of Channels	14
All Access Directionality	●
Spatial Sense	●
Ultra Focus	●
Synchronised Soft Switching	●
Environmental Optimiser I	●
Noise Tracker II	3 settings
Expansion	2 settings
Impulse Noise Reduction	3 settings
Wind Guard	2 settings
Sound Shaper	●
DFS Ultra III (w/ Music Mode)	●
Synchronised Acceptance Manager	●
Tinnitus Sound Generator	●
Functional Features	
Ear to Ear Communication	●
Direct audio streaming	●
Telecoil (TC)	●
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●
BeMore app	●
Online Services	
Remote Fine Tuning	●
Live Assist	●
Remote Firmware Updates	●
Fitting Features	
Fitting Software Advance Pro 2.0 or higher	●
Fully Flexible Programs	4
Auto DFS	●
Datalogging	●
Wireless Fitting with Noalink Wireless	●



Technical data	Desktop Charger
Dimensions	82 mm x 36 mm x 46 mm / 3.2" x 1.4" x 1.8"
Weight	82 grams / 2.9 oz
Power Supply	USB power supply, 5 V
Charging form factor (CFF)	71
Charging time for Hearing Instrument	< 35 °C (95 °F): 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz and 333 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C (41 °F) to + 35 °C (95 °F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger and Hearing Instrument	- 25 °C (-13 °F) to + 5 °C (41 °F), + 5 °C (41 °F) to + 35 °C (95 °F) at a relative humidity up to 90%, non-condensing, > 35 °C (95 °F) to 70 °C (158 °F) at a water vapour pressure up to 50 hPa



Technical Specifications

ADV464RX-BTE (Closed)

		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	46	45	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	67 56	60 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	135 126	128 122	dB SPL
Total harmonic distortion	500 Hz	0.4	0.3	%
	800 Hz	1.0	0.7	
	1600 Hz	0.8	0.6	
Telecoil sensitivity (1 mA/m input)	Max.	98	91	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	110	105	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	87	83	
Equivalent input noise, w/o Noise reduction		25	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	dB SPL
Frequency range IEC60118-0:2015*		100-7960	100-6240	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
 ** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

Technical Specifications

ADV464RX-BTE (Open)

		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	40	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	62 52	53 47	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 121	127 116	dB SPL
Total harmonic distortion	500 Hz	0.2	0.1	%
	800 Hz	0.2	0.1	
	1600 Hz	0.9	0.7	
Telecoil sensitivity (1 mA/m input)	Max.	94	85	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	105	100	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	83	78	
Equivalent input noise, w/o Noise reduction		25	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	9	dB SPL
Frequency range IEC60118-0:2015*		100-8430	100-6990	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

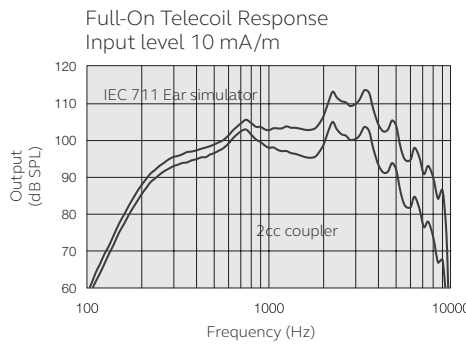
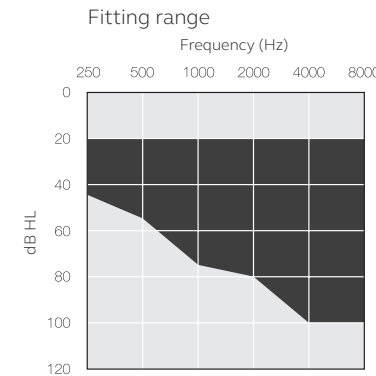
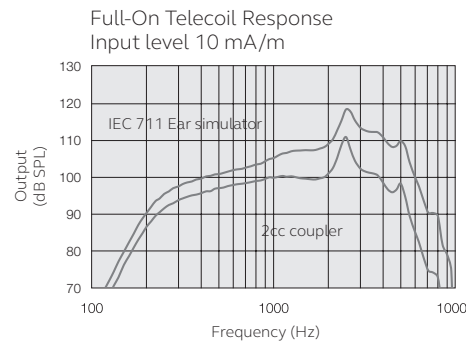
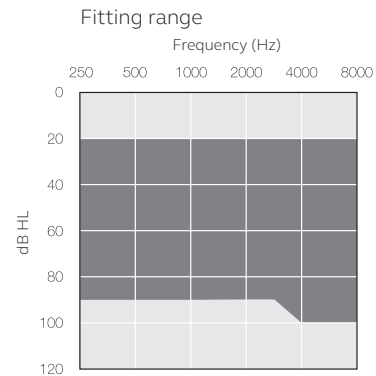
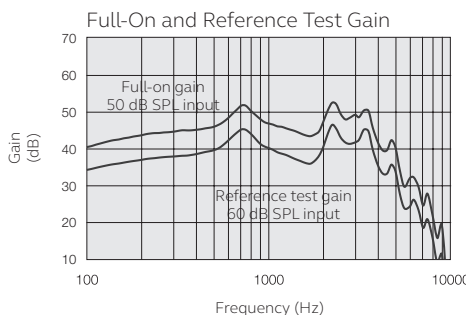
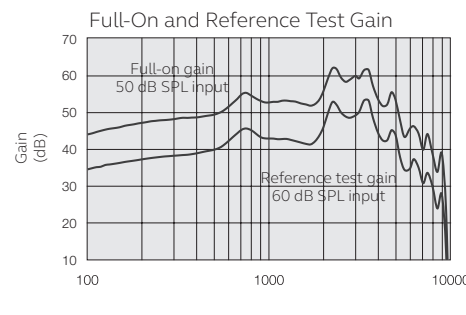
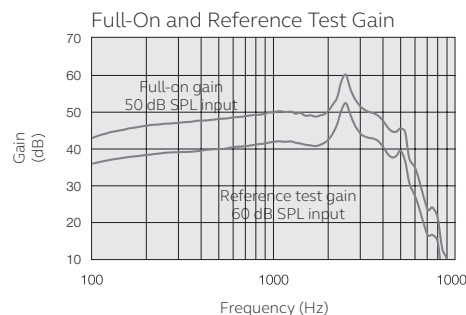
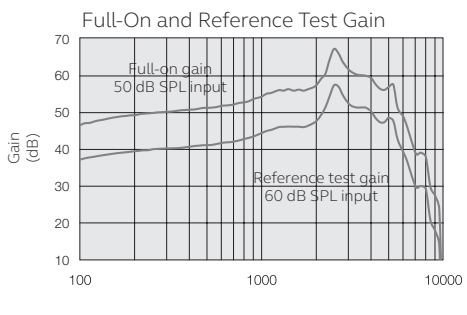
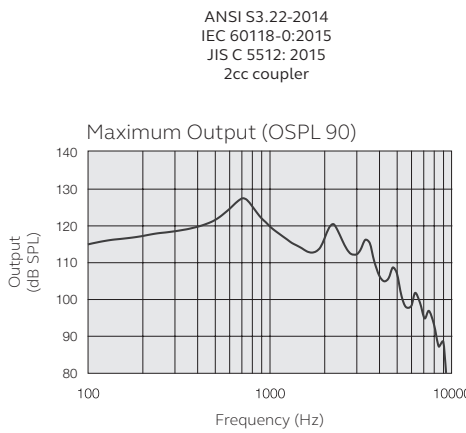
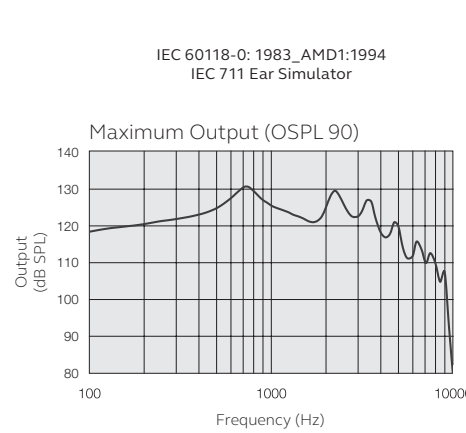
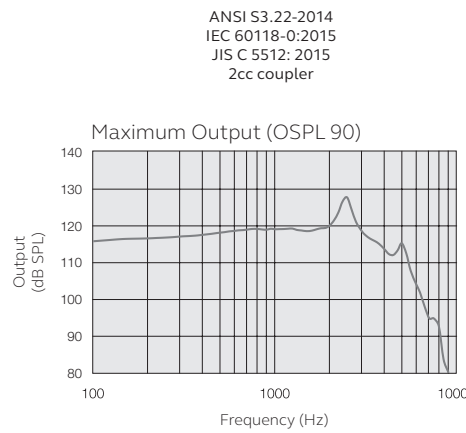
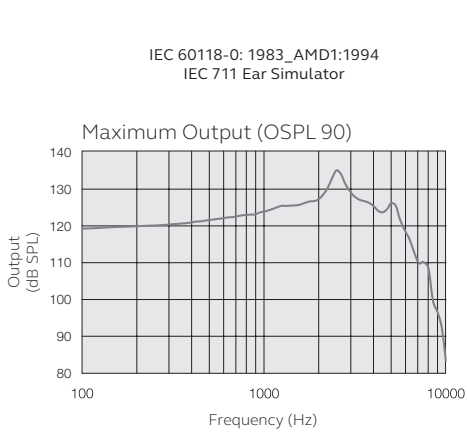
* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
 ** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

Patents pending.

All specifications are subject to change without notice.

Patents pending.

All specifications are subject to change without notice.





Model	ADVCR64R-BTE
Device Configurations	
Battery size	Rechargeable Lithium-Ion
Tube Options	Thin Tube and Plastic Hook
Control Options	Push button
IP Classification	IP68
Battery Lifetime (CROS/BiCROS fitting)	16 (typ) hours
Audiological Features	
Soft switching	•
Adaptive Autoscope	•
Fixed Directionality	•
Omni	•
Noise Reduction	Paired hearing aid options
CROS balance control	•
Connectivity Features	
Wireless accessory and direct streaming	Paired hearing aid options
Wireless fitting with NoahLink Wireless	•



Technical data	Desktop Charger
Dimensions	82,0 mm x 36,0 mm x 45,3 mm / 3.2" x 1.4" x 1.8"
Weight	82 grams / 2.9 oz
Power Supply	USB power supply, 5 V
Charging form factor (CFF)	71
Charging time for Hearing Instrument	< 35°C (95 °F): 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz and 333 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C (41 °F) to + 35 °C (95 °F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger and Hearing Instrument	- 25 °C (-13 °F) to + 5 °C (41 °F), + 5 °C (41 °F) to + 35 °C (95 °F) at a relative humidity up to 90%, non-condensing, > 35 °C (95 °F) to 60 °C (140 °F) at a water vapour pressure up to 50 hPa



Technical Specifications

ADVCR64R-BTE (Closed)

		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	46	45	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	67 56	60 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	135 126	128 122	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.4 1.0 0.8	0.3 0.7 0.6	%
Telecoil sensitivity (1 mA/m input)	Max.	98	91	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	110	105	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	87	83	
Equivalent input noise, w/o Noise reduction		25	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	dB SPL
Frequency range		<200 - 7960	<200 - 6240	Hz
Battery Lifetime (Battery type Rechargeable)*		30 (max) 24 (typ)	30 (max) 24 (typ)	Hours

* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

Technical Specifications

ADVCR64R-BTE (Open)

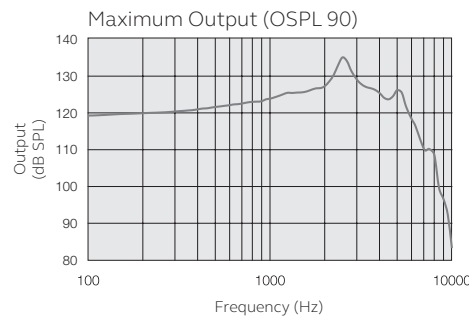
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Reference test gain (60 dB SPL input)	1600 Hz/HFA	41	40	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	62 52	53 47	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 121	127 116	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.2 0.2 0.9	0.1 0.1 0.7	%
Telecoil sensitivity (1 mA/m input)	Max.	94	85	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	105	100	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	83	78	
Equivalent input noise, w/o Noise reduction		25	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	9	dB SPL
Frequency range		<200 - >8000	<200 - 6990	Hz
Battery Lifetime (Battery type Rechargeable)*		30 (max) 24 (typ)	30 (max) 24 (typ)	Hours

* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

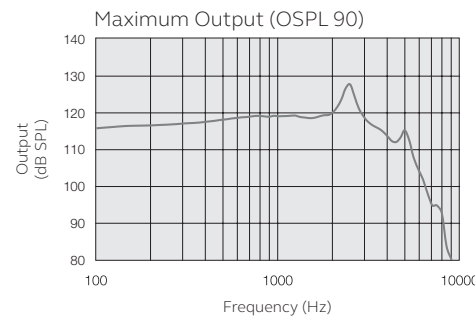
Patents pending.

All specifications are subject to change without notice.

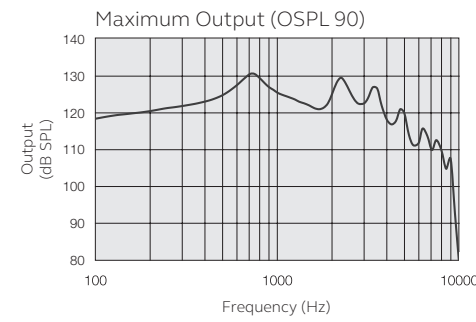
IEC 60118-0: 1983_ AMD1:1994
IEC 711 Ear Simulator



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



IEC 60118-0: 1983_ AMD1:1994
IEC 711 Ear Simulator



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

