hrp technology guide

Welcome to the next in *Hearing Review Product's* ongoing series of **Technology Guides**. We kicked 2010 off with a comprehensive matrix showcasing Receiver-In-Canal/Receiver-In-The-Ear hearing aids from the industry's leading manufacturers, and this month we've gathered 52 different Thin- and Slim-Tube instruments from 13 makers, 36 of which you'll find on the following pages and all of them available in a downloadable PDF file on our Web site: **www.hearingreview.com.** And speaking of PDFs, you'll find those for all our past Technology Guides as well.

—Will Campbell

		Amplisound	Audina Hearing Instruments
	Company Name: **Address:**	**Amplisound** 594 Putnam Rd Danielson, CT 06239 (800) 835-2001 www.amplisound.com	**Audina Hearing Instruments** 165 E Wildmere Ave Longwood, FL 32750 (800) 223-7700 www.audina.net
1)	What is your product's name and model designation?	Earstar 908	FLX
2)	What was the month and year of the product's introduction?	February 2010	January 2009
3)	Of the following pricing classes, what best describes this product?	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	110 dB	113 dB
6)	What is the HF Average Full-On Gain of the device?	35 dB	55 dB
7)	What is the frequency response of this model?	200 – 6000Hz	200 - 7500Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ■ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	8 Channels	12 Channels / 12 Bands
10)	What fitting formulae are available for programming?	☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ☐ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ☐ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ☐ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Automatic switching between omni and directional	Automatic switching between omni and directional listening programs
13)	What is the number of listening programs or memories?	Four listening programs or memories	Four listening programs or memories
14)	What battery sizes are available for the hearing aid?	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Earstar is made by people who have a passion for doing it right.	User-friendly design, easy-to-find controls, flexibility to provide a comfortable wearing experience, and iScroll® digital volume control designed for those with limited dexterity.

Company Name: Address:	**Audina Hearing Instruments** 165 E Wildmere Ave Longwood, FL 32750 (800) 223-7700 www.audina.net		**Beltone Electronics** 2601 Patriot Blvd Glenview, IL 60026 (800) 621-1275 www.beltone.com
1) What is your product's name and model designation?	SPARO 12	SPARO AD	Reach 62D
2) What was the month and year of the product's introduction?	September 2009	May 2007	July 2008
3) Of the following pricing classes, what best describes this product?	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4) What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ☐ Mild (20-39 dB HL)
5) What is the HF Average OSPL90 of the device?	107 dB	107 dB	115 dB
6) What is the HF Average Full-On Gain of the device?	45 dB	45 dB	48 dB
7) What is the frequency response of this model?	200 - 6500Hz	200 - 6500Hz	100 – 5740Hz
8) Please indicate this model's coupling system(s):	■ 2 cc Coupler ■ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ■ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9) How many channels or bands are employed in the device?	12 Channels / 12 Bands	4 Channels / 12 Bands	17 Channels / 64 Bands
10) What fitting formulae are available for programming?	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)-DSL- i/0 modified
11) Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ☐ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ☐ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ☐ Wind Noise Management ☐ Frequency Lowering ☐ Datalogging ☐ Self-Learning ☐ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:
12) If there is a directional system, what best describes the directional/memory mode function of this model?	Automatic switching between omni and directional listening programs	Automatic switching between omni and directional listening programs	Automatic switching between omni and directional listening programs
13) What is the number of listening programs or memories?	Four listening programs or memories	Four listening programs or memories	Four listening programs or memories
14) What battery sizes are available for the hearing aid?	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675
15) What differentiates this product from others in its class?	Adaptive feedback cancellation system provides optimal adaptation rates with significantly faster convergence speeds, adapting to changing feedback conditions up to six times faster than previous systems.	Environmental Recognition System and the Softwave® System provide excellent noise control in all listening situations. Offers a sleek, smooth, feather-light design for wearing comfort.	Sound cleaner, auto mic-switching program, wind noise reduction, tinnitus masker, smart gain.

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		Beltone Electronics 2601 Patriot Blvd Glenview, IL 60026 (800) 621-1275 www.beltone.com		**Bernafon** 200 Cottontail Lane, Bldg B Somerset, NJ 08873 (888) 941-4203 www.bernafon-us.com
Company Name: **Address:**		Beltone		bernafon Innovative Hearing Solutions
1) What is your product's name and model designation?		Reach 63D	Marq 17	Veras 9CP
2) What was the month and year of the product's introduction?		February 2009	June 2007	January 2010
3) Of the following pricing classes, what best describes this product?		■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4) What are the recommended fitting ranges?		☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ☐ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ☐ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5) What is the HF Average OSPL90 of the device?		114 dB	115 dB	109 dB (0.9mm tube); 115 dB (1.3mm tube)
6) What is the HF Average Full-On Gain of the device?		48 dB	48 dB	42 dB (0.9mm tube); 49 dB (1.3mm tube)
7) What is the frequency response of this model?		100 – 6790Hz	100 – 5740Hz	100 - 5800Hz (0.9mm tube); 100 - 5400Hz (1.3mm tube)
8) Please indicate this model's coupling system(s):		■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9) How many channels or bands are employed in the device?		17 Channels / 64 Bands	17 Channels / 64 Bands	Channel-Free Technology
10) What fitting formulae are available for programming?		☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other(s)-DSL- i/0 modified	☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other(s)-DSL- i/0 modified	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)
11) Which of the following features are included in the product?		■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ☐ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ☐ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: DAI, Remote Control
12) If there is a directional system, what best describes the directional/memory mode function of this model?		Automatic switching between omni and directional listening programs	Automatic switching between omni and directional listening programs	Broadband fully adaptive directionality
13) What is the number of listening programs or memories?		Four listening programs or memories	Four listening programs or memories	Five or more listening programs or memories
14) What battery sizes are available for the hearing aid?		☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675
15) What differentiates this product from others in its class?		Sound cleaner, auto mic-switching program, wind noise reduction, tinnitus masker, smart gain.	Sound cleaner, auto mic-switching program.	Channel-Free signal processing, Live Music Plus, Advanced Soft Noise Management, binaural communication, and wireless connectivity to external sound sources via Bluetooth technology.

		Bernafon 200 Cottontail Lane, Bldg B Somerset, NJ 08873 (888) 941-4203 www.bernafon-us.com		**Ear Technology Corporation** PO Box 1516 Johnson City, TN 37605 (800) 327-8547 www.clik-hearing.com
Company Name: Address:				
1)	What is your product's name and model designation?	Avanti 106	Move 106	Clik
2)	What was the month and year of the product's introduction?	March 2009	January 2009	September 2009
3)	Of the following pricing classes, what best describes this product?	☐ Premium Level ☐ Mid/High Level ☐ Mid Level ■ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	108 dB (0.9mm tube); 113 dB (1.3mm tube)	108 dB (0.9mm tube); 113 dB (1.3mm tube)	100 dB (Thin-Tube); 112 dB (Ear Hook)
6)	What is the HF Average Full-On Gain of the device?	41 dB (0.9mm tube); 46 dB (1.3mm tube)	41 dB (0.9mm tube); 46 dB (1.3mm tube)	3 dB (Thin-Tube); 45 dB (Ear Hook)
7)	What is the frequency response of this model?	100 - 5000Hz (0.9mm tube); 100 - 5300Hz (1.3mm tube)	100 - 5000Hz (0.9mm tube); 100 - 5300Hz (1.3mm tube)	200 – 8000Hz (Thin-Tube); 200 – 7100Hz (Ear Hook)
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	7 Channels	7 Channels	8 Channels / 12 Bands
10)	What fitting formulae are available for programming?	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ☐ Proprietary algorithm ☐ NAL-NL2 ■ DSL-4.0 ■ Other: NAL-RP	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ☐ Proprietary algorithm ☐ NAL-NL2 ■ DSL-4.0 ■ Other: NAL-RP	☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ■ Other: DAI, Remote Control	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ■ Other: DAI, Remote Control	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ☐ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ☐ Wind Noise Management ☐ Frequency Lowering ☐ Datalogging ☐ Self-Learning ☐ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ■ Other: Twin T-coils
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Fixed directional only
13)	What is the number of listening programs or memories?	One listening program or memory	Four listening programs or memories	Three listening programs or memories
14)	What battery sizes are available for the hearing aid?	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Advanced hearing technology based on automatic multi-environment program and second setting for telephone usage.	Advanced digital hearing system easily optimized to clients' needs with customized Lifestyle Profile.	Clik's premium technology comes at a non-premium price. You can fit Clik even if your computer or software system crashes, because acoustic algorithms are preloaded onto the chip in Clik's processor.

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Company Name:
Address:

Hansaton USA
5650 36th Ave N, Suite 110
Plymouth, MN 55446
(888) 984-7432
www.hansaton-usa.com

		Velvet X-Mini	Velvet Mini	Espria Slim
1)	What is your product's name and model designation?	Velvet X-Mini	Velvet Mini	Espria Slim
2)	What was the month and year of the product's introduction?	January 2010 (in US)	January 2010 (in US)	January 2010 (in US)
3)	Of the following pricing classes, what best describes this product?	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ☐ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	116 dB	114 dB	112 dB
6)	What is the HF Average Full-On Gain of the device?	55 dB	35 dB	48 dB
7)	What is the frequency response of this model?	110 – 7200Hz	100 – 7300Hz	100 – 6100Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ■ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ■ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ■ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	16 Channels / 16 Bands	16 Channels / 16 Bands	12 Channels / 12 Bands
10)	What fitting formulae are available for programming?	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Natural Sound	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Natural Sound	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ☐ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ☐ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Situation Optimizer
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality
13)	What is the number of listening programs or memories?	Five or more listening programs or memories	Five or more listening programs or memories	Five or more listening programs or memories
14)	What battery sizes are available for the hearing aid?	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Award-winning RIC design with stunning cosmetics; 3 receiver power levels; 16 channels, 16 bands; wireless connectivity, ear-to-ear and device-to-ear; Acclimatization Manager; Situation Management; Natural Sound directionality to restore pinna effects.	First-class miniature BTE with elegant cosmetics and design flexibility; 16 bands and 16 channels; wireless connectivity, ear-to-ear and device-to-ear; Acclimatization Manager; Situation Management; Natural Sound directionality to restore pinna effects.	Business-class ultra-slim BTE with click-and-scroll VC/ Program control; 12 bands, 12 channels; Situation Management; wireless connectivity, ear-to-ear and device-to-ear; adaptive directionality.

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Company Name:
Address:

		Vigo Pro Connect 312 (with Corda2)	Vigo Connect 312 (with Corda2)	Hit Pro 312 (with Corda2)
1)	What is your product's name and model designation?	Vigo Pro Connect 312 (with Corda2)	Vigo Connect 312 (with Corda2)	Hit Pro 312 (with Corda2)
2)	What was the month and year of the product's introduction?	November 2009	November 2009	April 2009
3)	Of the following pricing classes, what best describes this product?	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ☐ Mid/High Level ■ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ☐ Mid/High Level ☐ Mid Level ■ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	94 dB	94 dB	94 dB
6)	What is the HF Average Full-On Gain of the device?	34 dB	34 dB	34 dB
7)	What is the frequency response of this model?	100 - 6800Hz	100 - 6800Hz	100 - 6800Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	8 Channels	6 Channels	6 Channels
10)	What fitting formulae are available for programming?	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ☐ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ☐ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ☐ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ■ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Broadband fully adaptive directionality	Broadband fully adaptive directionality
13)	What is the number of listening programs or memories?	Four listening programs or memories	Four listening programs or memories	Four listening programs or memories
14)	What battery sizes are available for the hearing aid?	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Provides excellent automatics, binaural coordination, and signal processing as well as compatibility with ConnectLine, Oticon's seamless, industry-leading family of Bluetooth connectivity devices.	Provides advanced automatics, binaural coordination, and signal processing as well as compatibility with ConnectLine, Oticon's seamless, industry-leading family of Bluetooth connectivity devices.	Sets a new standard in entry-level hearing care. Based on Oticon's industry-leading RISE microchip platform, it is packed with features needed to deliver superior sound quality.

Company Name:
Address:

Phonak LLC
4520 Weaver Pkwy
Warrenville, IL 60555
(800) 888-7333
www.phonak-us.com

PHONAK life is on

		Exélia Art Micro	Nios Micro	Milo Plus Micro
1)	What is your product's name and model designation?	Exélia Art Micro	Nios Micro	Milo Plus Micro
2)	What was the month and year of the product's introduction?	April 2009	April 2009	November 2009
3)	Of the following pricing classes, what best describes this product?	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level (V) ☐ Mid Level ■ Low/Mid Level (III) ☐ Economy/Entry Level	☐ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ■ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	124 dB	124 dB	127 dB
6)	What is the HF Average Full-On Gain of the device?	53 dB	53 dB	50 dB
7)	What is the frequency response of this model?	<100 – 7100Hz	<100 – 7100Hz	<100 – 6200Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	20 Channels	16 Channels (V) ; 6 channels (III)	4 Channels
10)	What fitting formulae are available for programming?	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other: DSL-5a; DSL-i/o	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other: DSL-5a; DSL-i/o	☐ NAL-NR ☐ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other: DSL-5a; DSL-i/o
11)	Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ■ Frequency Lowering ■ Datalogging ■ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Frequency Compression	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ■ Frequency Lowering ■ Datalogging ■ Self-Learning (V Only) ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Frequency Compression	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ☐ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Manual switching between directional/omni-directional modes
13)	What is the number of listening programs or memories?	Up to seven listening programs or memories	Up to five listening programs or memories	Up to four listening programs or memories
14)	What battery sizes are available for the hearing aid?	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	The most flexible, feature rich, fully automatic micro instrument with connectivity.	Pediatric fitting options	Directionality

hrp technology guide

Company Name:
Address:

ReSound
8001 Bloomington Fwy
Bloomington, MN 55420
(800) 248-4327
www.gnresound.com

ReSound

		ReSound Live LV71-DVI	ReSound Live LV771-DVI	ReSound Live LV571-DVI
1)	What is your product's name and model designation?	ReSound Live LV71-DVI	ReSound Live LV771-DVI	ReSound Live LV571-DVI
2)	What was the month and year of the product's introduction?	April 2009	October 2009	October 2009
3)	Of the following pricing classes, what best describes this product?	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ☐ Mid/High Level ☐ Mid Level ■ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	125 dB	125 dB	125 dB
6)	What is the HF Average Full-On Gain of the device?	51 dB	51 dB	51 dB
7)	What is the frequency response of this model?	100-6,630Hz	100-6,630Hz	100-6,630Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	17 Channels / 9 Bands	17 Channels / 7 Bands	17 Channels / 5 Bands
10)	What fitting formulae are available for programming?	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ■ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ☐ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Surround Sound ™	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ☐ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Surround Sound ™	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ☐ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Surround Sound ™
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality
13)	What is the number of listening programs or memories?	Three listening programs or memories	Three listening programs or memories	Three listening programs or memories
14)	What battery sizes are available for the hearing aid?	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Utilizes ReSound's Surround Sound processor and a full suite of technologies that enable individual sound customization.	Provides a high-end listening experience at an intermediary price point. 17-Band Warp ensures pure sound quality with multiple directional choices.	Provides hassle-free fitting with an impressive set of sophisticated features and excellent sound quality at a competitive price.

Company Name:
Address:

Siemens Hearing Instruments Inc
10 Constitution Ave
Piscataway, NJ 08855
(800) 766-4500
www.usa.siemens.com/hearing

SIEMENS

		Life 700	Life 500	Life 300
1)	What is your product's name and model designation?	Life 700	Life 500	Life 300
2)	What was the month and year of the product's introduction?	November 2008	November 2008	November 2008
3)	Of the following pricing classes, what best describes this product?	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ☐ Mid/High Level ■ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	114 dB	114 dB	114 dB
6)	What is the HF Average Full-On Gain of the device?	35 dB	35 dB	35 dB
7)	What is the frequency response of this model?	100 - 7100Hz	100 - 7100Hz	100 - 7100Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	16 Channels / 16 Bands	12 Channels / 12 Bands	8 Channels / 8 Bands
10)	What fitting formulae are available for programming?	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ☐ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Soundsmoothing, SoundBrilliance	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ☐ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Soundsmoothing, e2e wireless 2.0	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ☐ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ■ Bluetooth Compatibility ■ Other: Soundsmoothing, e2e wireless 2.0
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Broadband fully adaptive directionality
13)	What is the number of listening programs or memories?	Five or more extra listing programs or memories	Five or more extra listing programs or memories	Three extra listing programs or memories
14)	What battery sizes are available for the hearing aid?	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ☐ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Exchangeable nano-coated housings; allows communication with wearer's Bluetooth-enabled devices via Tek wireless enhancement.	Exchangeable nano-coated housings; allows communication with wearer's Bluetooth-enabled devices via Tek wireless enhancement.	Exchangeable nano-coated housings; allows communication with wearer's Bluetooth-enabled devices via Tek wireless enhancement.

hrp technology guide

Company Name:
Address:

Sonic Innovations
2795 E Cottonwood Pkwy, Suite 660
Salt Lake City, UT 84121
(888) 423-7834
www.sonici.com

(((SONIC
))) innovations

		ion 400	Velocity 12 miniBTE Open	Velocity 24 miniBTE Open
1)	What is your product's name and model designation?	ion 400	Velocity 12 miniBTE Open	Velocity 24 miniBTE Open
2)	What was the month and year of the product's introduction?	April 2008	April 2008	April 2008
3)	Of the following pricing classes, what best describes this product?	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ☐ Moderate-to-Severe (55-69 dB HL) ☐ Mild-to-Moderate (40-54 dB HL) ☐ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ☐ Moderate-to-Severe (55-69 dB HL) ☐ Mild-to-Moderate (40-54 dB HL) ☐ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ■ Severe (70-90 dB HL) ☐ Moderate-to-Severe (55-69 dB HL) ☐ Mild-to-Moderate (40-54 dB HL) ☐ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	109 dB	109 dB	109 dB
6)	What is the HF Average Full-On Gain of the device?	35 dB	35 db	35 dB
7)	What is the frequency response of this model?	200-6300Hz	200-5600Hz	200-5600Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	24 Channels	12 Channels	24 Channels
10)	What fitting formulae are available for programming?	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ■ Manual VC/Memories ☐ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ■ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ☐ Other:
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality
13)	What is the number of listening programs or memories?	Four listening programs or memories	Three listening programs or memories	Four listening programs or memories
14)	What battery sizes are available for the hearing aid?	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675	☐ No. 10 ☐ No. 312 ■ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Offers several unique automatic and adaptive directional features that combine to provide smooth, seamless, hands-free operation in any environment.	Best for communicating in a variety of listening environments, which may include background noise; provides advanced automatic operation; offers several adaptive directional systems and noise reduction settings to assist in background noise.	Best for communicating in diverse environments that have a high level of background noise; provides fully automatic, hands-free operation; offers breakthrough technologies to improve performance in background noise.

Company Name:
Address:

Unitron
2300 Berkshire Lane, Suite A
Plymouth, MN 55441
(800) 888-8882
www.unitron.com

unitron
connect

		Passport Moda	Latitude 16 Moda	Latitude 8 Moda
1)	What is your product's name and model designation?	Passport Moda	Latitude 16 Moda	Latitude 8 Moda
2)	What was the month and year of the product's introduction?	May 2009	October 2009	October 2009
3)	Of the following pricing classes, what best describes this product?	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ☐ Mid/High Level ■ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	113 dB (No. 13 battery) 109 dB (No. 312 battery)	113 dB (No. 13 battery) 109 dB (No. 312 battery)	113 dB (No. 13 battery) 109 dB (No. 312 battery)
6)	What is the HF Average Full-On Gain of the device?	49 dB (No. 13 battery); 35 dB (No. 312 battery)	49 dB (No. 13 battery); 35 dB (No. 312 battery)	49 dB (No. 13 battery); 35 dB (No. 312 battery)
7)	What is the frequency response of this model?	<100 – 5700Hz (No. 13 battery); <100 – 7800Hz (No. 312 battery)	<100 – 5700Hz (No. 13 battery); <100 – 7800Hz (No. 312 battery)	<100 – 5700Hz (No. 13 battery); <100 – 7800Hz (No. 312 battery)
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	20 Channels / 20 Bands	16 Channels / 16 Bands	8 Channels / 8 Bands
10)	What fitting formulae are available for programming?	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ☐ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ☐ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ■ DSL-5.0 ■ NAL-NL1 ☐ Proprietary ☐ NAL-NL2 algorithm ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: SmartFocus™	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ■ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ■ Other: SmartFocus™	■ Directional Microphone System ■ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ■ Telecoil ■ FM System Compatibility ■ Bluetooth Compatibility ☐ Other:
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Broadband fully adaptive directionality
13)	What is the number of listening programs or memories?	Four listening programs or memories	Four listening programs or memories	Four listening programs or memories
14)	What battery sizes are available for the hearing aid?	☐ No. 10 ■ No. 312 ■ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ■ No. 13 ☐ No. 675	☐ No. 10 ■ No. 312 ■ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Offers SmartFocus™, a new innovation from Unitron that provides improved speech perception with clarity, comfort in noise, flexibility, and control.	Features Binaural Phone, a wireless feature that allows wearers to enjoy phone conversations while hearing the call in both ears—no accessory required.	Includes a variety of innovations found typically in premium hearing instruments, including: sophisticated automatic functionality, AntiShock, speech enhancement, adaptive directionality, wireless technology, and exceptional feedback management.

hrp technology guide

WIDEX®

		Mind440 M4-m/m-cb	Mind330 M3-m/m-cb	Real RE-m
1)	What is your product's name and model designation?	Mind440 M4-m/m-cb	Mind330 M3-m/m-cb	Real RE-m
2)	What was the month and year of the product's introduction?	October 2008	May 2009	May 2009
3)	Of the following pricing classes, what best describes this product?	■ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ■ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ☐ Economy/Entry Level	☐ Premium Level ☐ Mid/High Level ☐ Mid Level ☐ Low/Mid Level ■ Economy/Entry Level
4)	What are the recommended fitting ranges?	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)	☐ Severe to Profound (>90 dB HL) ☐ Severe (70-90 dB HL) ■ Moderate-to-Severe (55-69 dB HL) ■ Mild-to-Moderate (40-54 dB HL) ■ Mild (20-39 dB HL)
5)	What is the HF Average OSPL90 of the device?	115-119 dB	115-119 dB	119 dB
6)	What is the HF Average Full-On Gain of the device?	50-52 dB	50-52 dB	52 dB
7)	What is the frequency response of this model?	100-8150Hz	100-8150Hz	100-7700Hz
8)	Please indicate this model's coupling system(s):	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable	■ 2 cc Coupler ☐ 711 Coupler ☐ In Situ ☐ Manufacturing Coupling ☐ Other ☐ None/Not Applicable
9)	How many channels or bands are employed in the device?	15 Channels	10 Channels	3 Channels
10)	What fitting formulae are available for programming?	☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)	☐ NAL-NR ☐ DSL-5.0 ☐ NAL-NL1 ■ Proprietary algorithm ☐ NAL-NL2 ☐ DSL-4.0 ☐ Other(s)
11)	Which of the following features are included in the product?	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ■ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ■ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ■ Other: Zen	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ☐ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ■ Frequency Lowering ■ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ■ Vent Estimation/Compensation ■ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:	■ Directional Microphone System ☐ Manual VC/Memories ■ Remote Control VC/Memories ■ Noise Reduction ☐ Speech Enhancement ■ Feedback Cancellation ■ Occlusion Management ■ Wind Noise Management ☐ Frequency Lowering ☐ Datalogging ☐ Self-Learning ■ Wax Guard System ☐ Water Resistance ☐ Vent Estimation/Compensation ☐ Voice/Alerting Indications (eg, low battery alert) ☐ Rechargeable Battery ☐ Telecoil ☐ FM System Compatibility ☐ Bluetooth Compatibility ☐ Other:
12)	If there is a directional system, what best describes the directional/memory mode function of this model?	Multichannel fully adaptive directionality	Multichannel fully adaptive directionality	Broadband fully adaptive directionality
13)	What is the number of listening programs or memories?	Five or more listening programs or memories	Four listening programs or memories	Four listening programs or memories
14)	What battery sizes are available for the hearing aid?	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675	■ No. 10 ☐ No. 312 ☐ No. 13 ☐ No. 675
15)	What differentiates this product from others in its class?	Dual Integrated Signal Processing with Zen Fractal and Clearband Technologies	Dual Integrated Signal Processing with Clearband Technology	Integrated Signal Processing