

Welcome to the next in **Hearing Review**

**Products'** ongoing series of **Technology**

**Guides.** With this matrix, we're stepping

away from hearing instruments to present

a selection of assistive listening devices—

specifically, FM listening systems. So instead

of instruments that can restore hearing,

we're presenting products that can often

work in conjunction with those instruments.

As usual, you can find downloadable PDF ver-

sions of this survey and all previous ones on

our Web site: [www.hearingreview.com](http://www.hearingreview.com).

—Will Campbell



**ALDS**  
FM Listening Systems




Company Name:  
Address:

**Bellman & Symfon AB**  
S Langebergsgatan 30  
421 32, Vastra Frolunda, Sweden  
+46 (0)31-682820  
[www.bellman.se/audio](http://www.bellman.se/audio)

**Comfort Audio Inc**  
350 S Northwest Hwy, Ste 300  
Park Ridge, IL 60068  
(847) 656-5450  
[www.comfortaudio.us](http://www.comfortaudio.us)



1) What is the name of your Assistive Listening Device (ALD)?	Audio Domino Classic 	Comfort Contego 
2) Is this device T-coil compatible?	Yes	Yes
3) What is this device's effective range (in feet)?	Indoors: 82 feet; Outdoors: 328 feet	75 – 100 feet
4) What is the maximum amplification in decibels?	60dB gain with a maximum output of 132dB SPL	50dB of gain with a maximum output of 130dB SP
5) Are transmissions secure?	Yes, by digital encryption	Yes, by encryption
6) How many channels are available?	3 Channels	38 Channels
7) On what frequency band does the device operate?	2.4 GHz	904 – 926 MHz
8) What is the power source?	Rechargeable 3.7V Li-Ion Battery	Rechargeable Li-Ion Battery
9) What is the estimated amount of operating time between battery changes/recharges?	8 - 12 Hours	20 Hours
10) Does this device have Direct Audio Input (DAI) capability?	Yes	Yes
11) Indicate which of the following environments your ALD is effective in?	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input checked="" type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input checked="" type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input type="checkbox"/> Other:</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input checked="" type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input checked="" type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input checked="" type="checkbox"/> Other: Telephone</li> </ul>
12) Please list any accessories that are included.	Stereo Earphones, Carry Case, Universal Charger, USB Charging Cable, Microphone with Clip	Headphones, Earphones, Neckloop, Power Supply/Charger, Audio Cable, telephone kit
13) Does this device come with a warranty? If so, how long?	2 Years	2 Years
14) What differentiates this FM listening system from others in its class?	Domino Classic offers excellence at a surprisingly affordable price. With Domino Classic, features like High Definition Audio technology, wireless broadband transmission, 128-bit digital encryption, and state-of-the-art battery technology. All come standard.	Digital secure transmission between the transmitter and receiver offers crystal clear sound. Mics in both transmitter and receiver provide uses in many environments.

Company Name: Address:	<p><b>Comtek Inc</b> 357 West 2700 South Salt Lake City, UT 84115 (888) 496-3463 www.comtek.com</p> <p><b>COMTEK®</b></p>	<p><b>Conversor Limited</b> 102 Lower Guildford Rd Knaphill, Woking, Surrey, GU21 2EP United Kingdom +44 (0) 870 066 3499 www.conversorproducts.com/conversor-usa</p> <p><b>conversor</b></p>	<p><b>Etymotic Research Inc</b> 61 Martin Lane Elk Grove, IL 60007 (888) 389-6684 www.etymotic.com</p> <p><b>ETYMOTIC RESEARCH INC</b> <small>RESEARCH &amp; PRODUCT DEVELOPMENT FOR THE EAR</small></p>			
1) What is the name of your Assistive Listening Device (ALD)?	AT-216		Conversor Pro		Companion Mics	
2) Is this device T-coil compatible?	Yes		Yes		Yes (with appropriate receiver)	
3) What is this device's effective range (in feet)?	Up to 300 feet		Indoors: 65 feet; Outdoors: 82 feet		Indoors: 15-20 feet; Outdoors: 150 feet	
4) What is the maximum amplification in decibels?	40dB of gain with a maximum output of 125dB SPL		55dB		66dB	
5) Are transmissions secure?	No		No		Yes, through spread-spectrum/frequency hopping	
6) How many channels are available?	10 Channels		United States: 21 Channels; Worldwide: 42 Channels		27 Channels	
7) On what frequency band does the device operate?	216 – 217 MHz		169 - 175 MHz		79 frequencies on 2.4 GHz band	
8) What is the power source?	9V Battery (alkaline or NiMH rechargeable)		Rechargeable Li-Ion Battery		Rechargeable Battery	
9) What is the estimated amount of operating time between battery changes/recharges?	Alkaline: 25 Hours; Rechargeable: 8 – 10 Hours		8 Hours		10-13 Hours	
10) Does this device have Direct Audio Input (DAI) capability?	Yes		Yes (cable purchased separately)		Yes	
11) Indicate which of the following environments your ALD is effective in?	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input checked="" type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input checked="" type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input type="checkbox"/> Other:</li> </ul>		<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input checked="" type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input checked="" type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input checked="" type="checkbox"/> Other: Between Rooms</li> </ul>		<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input type="checkbox"/> Other:</li> </ul>	
12) Please list any accessories that are included.	Belt Clips, Neckloop, Microphone & Clip, Battery Charger, Rechargeable Battery, Audio Input Cord, Earphone Assembly, Conference Table Microphone Adapter, Carry Case		Carry Case, Charger, Audio-to-Audio Cable, TV-to-Phono Cable, Headphones, Earbuds, Neck Lanyard for Transmitter		Etymotic 6i Isolator Earphones, Assorted Eartips, AC Adapter, Charging Cable, Carry Case	
13) Does this device come with a warranty? If so, how long?	1 Year		2 Years		2 Years	
14) What differentiates this FM listening system from others in its class?	Comtek's AT-216 offers superior audio fidelity and range plus the unique Smart-Mic and Enviro-Mic environmental microphone options.		The Conversor Pro is one of the most affordably priced and versatile two-piece wireless assistive listening devices available with directional microphone capability. It can be used with the headphones or earbuds included or with T-coil-equipped hearing instruments, including select cochlear implants. Background noises are greatly reduced. Wide and Zoom settings enable users to focus on desired sounds near or far.		Rather than using a single frequency, where a competing signal might interfere, a frequency-hopping technique is used. By jumping quickly from frequency to frequency in a pseudorandom manner among 79 frequencies, the chance of interference from microwave ovens, other Companion Mics systems, or other users of 2.4 GHz is minimized, so that 10 or more sets can operate with little audible interference even if they are all in the same room.	

Company Name:  
Address:

**Oticon Inc**  
29 Schoolhouse Rd  
Somerset, NJ 08873  
(800) 526-3921  
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**Phonak LLC**  
4520 Weaver Pkwy  
Warrenville, IL 60555  
(800) 888-7333  
www.phonak-us.com



**Williams Sound Corp**  
10300 Valley View Rd  
Eden Prairie, MN 55344  
(800) 843-3544  
www.williamssound.com



1) What is the name of your Assistive Listening Device (ALD)?	Amigo T20		Smartlink+		Motiva PFM 360	
2) Is this device T-coil compatible?	Yes		Yes (with appropriate receiver)		Yes (with neckloop)	
3) What is this device's effective range (in feet)?	100 feet		Indoors: 50 feet; Outdoors 130 - 170 feet		150 feet	
4) What is the maximum amplification in decibels?	Maximum amplification is dependent on hearing aid		Maximum amplification is dependent on hearing aid		128.1dB – 128.9dB	
5) Are transmissions secure?	No		No		No	
6) How many channels are available?	32 Channels		27 Channels		16 Channels	
7) On what frequency band does the device operate?	216 MHz		Not Applicable		72 - 76 MHz	
8) What is the power source?	1 AA battery (alkaline or NiMH rechargeable)		Rechargeable Battery		2 AA Batteries (alkaline or NiMH rechargeable)	
9) What is the estimated amount of operating time between battery changes/recharges?	8 Hours		12 Hours		Alkaline: 21 Hours; Rechargeable: 17 Hours	
10) Does this device have Direct Audio Input (DAI) capability?	Yes		Yes		Yes (boot and cable purchased separately)	
11) Indicate which of the following environments your ALD is effective in?	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input checked="" type="checkbox"/> Other</li> </ul>		<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input type="checkbox"/> Other:</li> </ul>		<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> One-on-one conversations</li> <li><input checked="" type="checkbox"/> Multi-person meetings</li> <li><input checked="" type="checkbox"/> Lectures</li> <li><input type="checkbox"/> Shopping</li> <li><input checked="" type="checkbox"/> In the Car</li> <li><input type="checkbox"/> At the Theater</li> <li><input checked="" type="checkbox"/> Restaurants</li> <li><input checked="" type="checkbox"/> Watching Television</li> <li><input type="checkbox"/> Other:</li> </ul>	
12) Please list any accessories that are included.	Battery Charger, Instruction Guide, Rechargeable AA Battery, Aux Cables Earphones, Omni Microphone		Lavaliere Cord, Audio Input Cable, Interface, Power Supply, Programming Cable, Travel Case		Lapel Microphone, Earphone, Plug Mount Environmental Mic, Belt Clip, Carry Case	
13) Does this device come with a warranty? If so, how long?	Repair: 2 Years; Loss & Damage: 1 Year		2 Years		5 Years	
14) What differentiates this FM listening system from others in its class?	The Amigo T20 features LED display on receiver, product upgrades through software not hardware, and moisture repellent buttons. Transmitter performs as a programming and diagnostic tool.		Smartlink+ features Dynamic FM technology that adapts the FM gain based on environmental noise levels, and offers improved speech recognition abilities in challenging environments.		The Motiva Personal FM System delivers superior FM audio and enhances sound by overcoming distance and background noise. Use the transmitter to mix and broadcast a speaker's voice plus an audio program, simultaneously, in one room. Motiva can be customized to meet your specific hearing needs with selectable compression and adjustable frequency response.	