## AUDIOBIONICS

Revolutionary Hearing Enhancement Technologies

Audio Bionics hearing calibrated wireless headphones and earbuds provide dramatically superior TV sound and music reproduction than even the most costly hearing aids.

This brochure explains why.



## **HOME-pro TV Listening System**

Wireless Headphones with Personalized Hearing Calibration

**HOME-mini TV Listening System** 

**Wireless Earbuds with Personalized Hearing Calibration** 



## AUDIOBIONICS

Revolutionary Hearing Enhancement Technologies

Although hearing aids correct for hearing loss and amplify speech from nearby people, they do not reproduce TV sound with optimal clarity. This is because sounds from televisions tend to reverberate in rooms, creating a difficult sound field for hearing aids to deal with. Consequently, when TVs are heard through hearing aids the sound is generally unclear and unnatural.

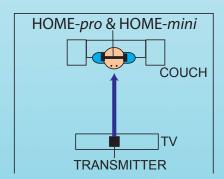
Conventional wireless headphones can resolve part of this difficulty by electronically linking the headphones to the TV, which eliminates the echo effect. However, such headphones are not calibrated to each individual's hearing loss and therefore do not provide a real solution to the problem.

Headphones could be placed over hearing aids, although this too will not provide satisfactory results. This is because hearing aids amplify only a narrow range of sounds contained in speech, which in turn degrades the quality of TV sound and music. Audio Bionics has resolved this by creating wireless headphones and earbuds with our revolutionary Personalized Hearing Calibration\*, which for the first time in the industry calibrates sound from TVs and music sources to each individual's hearing loss. As a result, voices, movie sound tracks and music are heard with stunning clarity and naturalness.

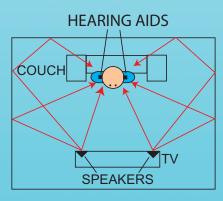
It is not uncommon for people with mild or moderate hearing loss to say "With Audio Bionics I can hear my TV and favorite music like it sounded before I had a hearing loss!" In addition to the breakthrough advantages of Personalized Hearing Calibration\*, Audio Bionics wireless headphones and earbuds can be heard clearly throughout an entire home due to our advanced digital UHF wireless transmission\*. This is not the case with competitive wireless headphones that operate on infrared (IR) reception and transmission, which fade or drop out when the listener is not close to the TV or in an adjacent room.

In conclusion, the best approach for those who wear hearing aids is to use their hearing aids for conversation with nearby people, and the Audio Bionics HOME-pro or HOME-mini when listening to their TV or music player. For those who have hearing loss but do not wear hearing aids, the benefits of the HOME-pro and HOME-mini are equally impressive.

Audio Bionics digital FM eliminates sound reflections for perfect clarity



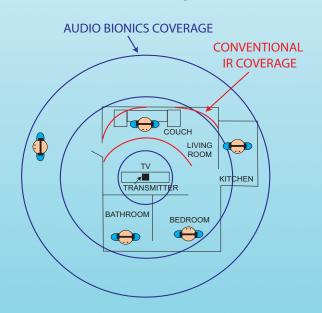
Multiple sound reflections from TV speakers degrade hearing aid clarity



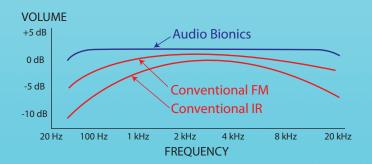
Audio Bionics Personalized Hearing Calibration optimizes sound to each individual's hearing



Unlike conventional IR headphones, Audio Bionics transmits throughout entire home



Audio Bionics systems offer extremely high fidelity with perfectly even response for all frequencies



<sup>\*</sup> multiple international patents pending



## Revolutionary Hearing Enhancement Technologies

	Audio Bionics	Conventional RF	Conventional IR
Personalized Hearing Calibration (PHC)	YES	NO	NO
Digital transmission with 150-foot range	YES	MARGINAL	NO
Ultra high fidelity sound reproduction	YES	NO	NO
Transmits through walls to every room	YES	MARGINAL	NO
Enhanced 3-dimensional binaural sound	YES	NO	NO
Comfortable zero pressure ear cushions	YES	NO	NO
12-16 hours continuous listening time	YES	NO	NO
Optimal TV volume setting indicator lights	YES	NO	NO

Distributed by: