



## Pure Reality

# HFI-680

### Short description

Foldable, closed-back high quality headphones with very exclusive design and extraordinary sound, offering the highest standard of technologies:  
S-Logic™ Natural Surround Sound Plus  
MU Metal shielding (ULE-technology)  
Safer hearing

### Technical specifications

S-Logic™ Natural Surround Sound Plus  
Dynamic principle  
Frequency range 15-25.000 Hz  
Impedance 75 Ohm  
Sound pressure level 99 dB  
MU Metal bufferboard, reduced field emissions in accordance with ULE (=Ultra Low Emission) standard  
Driver 40 mm gold-plated  
Weight 285 g (without cord)  
Straight cord, length ca 3 m  
3,5/6,3 mm screwable gold-plated plug  
Transportation bag  
Demo CD  
Instruction manual



Long-term availability of spare parts

### Character

Eye-catching exclusive design and sand-grey coated. The HFI-680 catches the eye and enjoys your ears with an extraordinary balanced, natural and detailed sound image. Experience the complete isolation of closed-back headphones and the honest sound of open ones. The high class gold-plated drivers of the HFI-680 are very sensitive and provide a maximum of transparency.

### ULE-technology

To understand what ULE-technology does, you need to know that most headphone drivers produce low-frequency magnetic fields as they convert an electric signal into an acoustical signal you hear as music. In response, Ultrasone developed a special MU Metal shielding (ULE-technology) to reduce the radiation by up to 98% compared to current headphones. The ULE-technology has stood the test of international review and is recommended by technical surveillance organisations. Ultrasone originally developed the ULE-technology for professionals as they do spend half of their lives in headphones. But due to grand requests the ULE-technology has now been integrated in other Ultrasone headphone lines.



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### **S-Logic™ Natural Surround Sound**

Through the S-Logic™ Natural Surround Sound the usual headphone sound will be moved out of the head in the room around you. The sound is no longer locked in, but appears broad and detached. Directions and distances can be heard and perceived - it's just like being in a live concert. For this new technology additional equipment is not required. Take a pair of Ultrasone headphones plus your sound device and you will be ready for the 3-dimensional sound enjoyment!

### **S-Logic™ Plus**

S-Logic™ Plus is the enhanced version of the S-Logic™ System. The specific acoustically designed earcups of the new HFI models and their stereo tonal fine tuning of the acoustic reinforcing devices present sophisticated sound and technology. Due to an additional damping, drivers and the bufferboard complement one another with the new spatial sounding unit. The final result is a most neutral sound impression including optimized distance perception of voices and instruments.

### **Safer hearing**

S-Logic™ does not only create a Natural Surround Sound. S-Logic™ allows at the same time a reduction of sound pressure levels by up to 40% (3-4 dB) for the same loudness sensation. This may reduce the risk of hearing damage while ensuring hours of fatigue-free listening. However, Ultrasone generally advises not to listen to music at high volumes to prevent hearing damage.

[www.ultrasone.com](http://www.ultrasone.com)

