

ULTRASONE AG – trust your ears

Why ULTRASONE headphones?

Ultrasone headphones offer additional:

- *safe-hearing protection*
- *reduced magnetic field emissions*

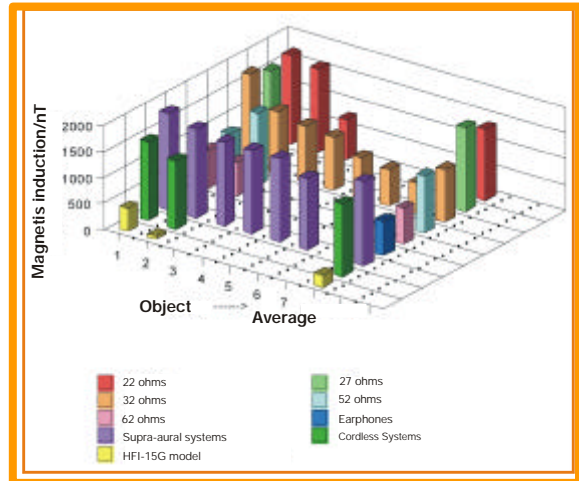
Why a safe-hearing protection?

With the S-Logic™ Surround Sound System you perceive the same volume at significantly lower sound pressure (3-4dB), therefore up to 40% less compared to the headphones of our competitors. As a result, hearing strain decreases and the danger of hearing damage may be reduced enormously.

Why reduced magnetic field emissions?

The driver converts the electric signal into an acoustical signal. It thereby produces low-frequency magnetic fields. Medical research has shown that these emissions can be hazardous to our health. Therefore it is important to know how strong these emissions are, how directly they affect the human body and how long the exposition lasts. For computer monitors there are guidelines like the MPR II or the TCO 99 – up to now, there are no such standards for headphones.

In contrast to computer monitors they “go to your head”, the emission strikes the human nerve centre, the brain. ULTRASONE has developed a method to reduce these emissions significantly; the LE (=low emission) model by up to 60%, the certified ULE (=ultra low emission) model by up to 98%.



Magnetic field radiation according to impedance and design

The ULE models are in accordance with the standards stipulated by the IGEF (International Institution for Electro Mag Research) Certification as well as the TÜV Süddeutschland (Ass. For Technical Inspection Germany).

