

Sony MDR-7500 Series Professional Headphones

SONY

Professional Headphones

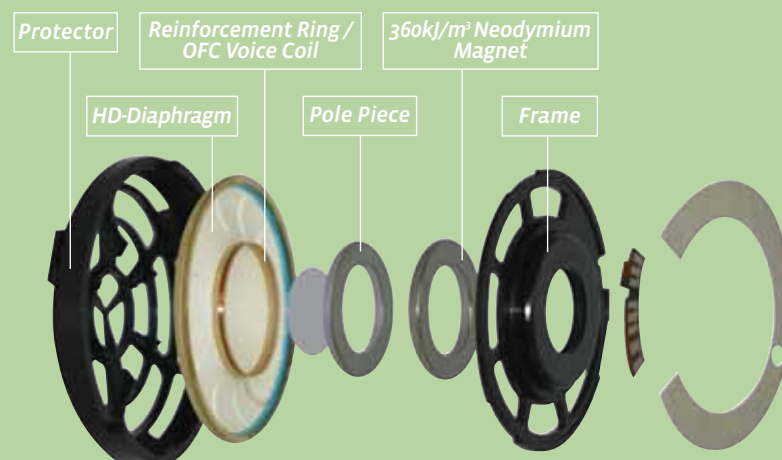
Sony's range of professional headphones are engineered for a combination of strength, comfort and practicality and are used daily in broadcast and recording studios worldwide. Designed to accurately monitor the wide dynamic range and extended frequencies delivered by modern digital audio equipment, the MDR-7500 series is precision manufactured using the highest grade materials. All Sony professional headphones come complete with a gold-plated Unimatch™ 3.5mm/6.3mm adaptor, and service manual detailing spare parts available through Sony's dedicated professional service centers.



MDR-7509HD Designed for critical listening applications, the MDR-7509HD headphone features newly developed HD Driver units that deliver ultra-wide dynamic range and incredible power handling capabilities. With 3,000 mW power handling capacity and 80kHz ultra high frequency reproduction, the MDR-7509HD model precisely reproduces every nuance recorded using the latest generation of high-quality audio formats such as DSD or high sampling linear PCM. The 50mm HD Driver units utilize $360\text{kJ}/\text{m}^3$ high power neodymium magnets to reproduce clear midrange. Equally important to sound quality is wearing comfort. The MDR-7509HD headphone features an Auronomic circum aural design – where the driver units have been designed in accordance with the angle of the ear, thereby helping to eliminate pressure on the ear and to reproduce a natural, wide soundscape.



The Structure of the HD Driver Unit The newly-developed driver unit features a Reinforcement Ring between the voice coil and the diaphragm. It assists spreading ultra high frequency vibration generated by voice coil to the HD diaphragm with a coherent phase.



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MDR-7506 An extremely high quality, unobtrusive reference headphone. The lightweight MDR-7506 model has been engineered to be comfortable to wear for extended periods, making it ideal for use in broadcast and studio environments. A 40mm PET diaphragm and neodymium magnet provide performance exceeding the requirements of digital sources such as CD, MD and DAT.



MDR-7505 Thanks to an acoustic design that positions the sound field very close to the ears, the MDR-7505 headphone makes detailed listening possible, even in noisy environments. An Auto-Swivel earpiece enables single sided monitoring. The 40mm PET driver & neodymium magnet provide excellent sound quality and extended frequency response. An adjustable, padded headband offers durability and comfort. Oxygen Free copper cable is used to preserve signal quality.



MDR-7502 A cost effective, general purpose headphone. The lightweight, closed design of the MDR-7502 model allows long term use without listening fatigue. The neodymium magnet (used in all Sony professional headphones) is virtually five times more powerful than standard ferrite magnets, delivering dynamic sound, high sensitivity and deep bass response.



SPECIFICATIONS

	OFC Litz Cable	1 x 3m coiled cable	Gold plated Unimatch Plug	Folding Design	Auto Swivel Housing	Carry Case	Amorphous Diamond diaphragm	PET diaphragm	Neodymium Magnet	Power (mW)	Impedance (Ohm)	Sensitivity (dB/W/m)	Frequency Response (Hz)	Driver Diameter (mm)	Weight (oz) (excluding cable)
MDR-7509HD	•	•	•	•	•	•	•	•	•	3000	24	107	5 - 80,000	50	10.5
MDR-7506	•	•	•	•	•	•	•	•	•	1000	63	106	10 - 20,000	40	8.1
MDR-7505	•	•	•	•	•	•	•	•	•	1000	40	106	10 - 20,000	40	7.9
MDR-7502	•	•	•	•	•	•	•	•	•	500	24	102	60 - 16,000	30	5.2

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