



Digital Surround Sound

SONY-exclusive VPT (Virtualphones Technology) circuitry gives movies impact along with an immersive 7.1ch surround sound experience.

Compatibility

The MDR-DS6500 is compatible with a wide variety of audio formats: Dolby Digital, Dolby Digital Surround EX, DTS, DTS-ES Matrix, and DTS-ES to name a few.

Differences in details

40mm drivers deliver deeper bass and audio clarity for a superior home entertainment experience.

CD quality sound

Digital wireless transmission provides quality indoor transmission. (Up to approximately 328 ft)¹.

Battery Life

Approximate 20 hour battery life with fast recharge function.

Specifications

Audio	
Audio Modes	Dolby Digital Dolby Pro Logic IIx DTS DTS ES
Distortion	1% or less (1 kHz)
Driver Unit	40 mm
Effective Range	Approximately 328 feet (100 m) maximum ¹
Format(s) Supported	Compatible with Dolby Digital, Dolby Digital Surround EX, DTS, DTS-ES Matrix, and DTS-ES discrete
Frequency Response	12 - 22,000Hz (digital input)
Sound Enhancer	Off, Voice (stereo), Game, Cinema, Compression (Off/On)
Transmitter	2.4 GHz: 2.408 GHz – 2.473 GHz; MSK Modulation
Tuning	Auto Tuning on headphones
Volume Control	Yes (Rotary)
General	
Design	Over-the-head, Home-Surround Sound
Headband	Wide, Double, Adjustable
Magnet	Neodymium
Plug	Nickel, stereo mini plug
Power On/Off	Power button turns unit ON/OFF; Green LED illuminates
Type of Use	Home
Hardware	
Communication	Wireless Digital 2.4GHz Radio Frequency
Headphone Type	Closed, Dynamic

Inputs and Outputs	
Audio In	Optical Digital Input (x1), Analog Stereo Input mini jack (x1)
Operating Conditions	
Operating Temperature	41° - 95° F (5° - 35° C)
Power	
Battery Charging (Approx)	Approximately 3 hours
Battery Indicator	Power-on LED indicator
Battery Life (Approx)	Approximately 20 hours
Battery Type	Built-in Lithium-Ion rechargeable battery
Input Power	AC Power Adaptor (6V, 800mA)
Power Requirements	Rechargeable, built-in Lithium-Ion battery (supplied)
Weights and Measurements	
Cord Length (Approx.)	59 1/8 in. (1.5 m) Optical digital connecting cable
Dimensions (Approx.)	Transmitter: 4 3/4 x 4 3/4 x 10 3/8 in. (120 x 120 x 263 mm)
Weight (Approx.)	Headphones: Approximately 11.3 oz. (320 grams) Including supplied battery Processor: Approximately 15.9 oz. (450 grams)
Accessories	
Supplied Accessories	AC Power Supply 6V (1) Optical Connecting Cable 59 1/8 in. (1.5 m) (1) Operating Instructions (1) Connection Guide (1) Warranty Card (1)

1. Transmission distance is a rough estimate, and may vary depending on the surrounding environment and installation location.

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