

# SONY

## MDR-Z1R

### Signature Series Headphones

Experience uncompromised sound quality and premium craftsmanship with Sony's flagship Signature Series headphones, featuring massive 70mm HD drivers, full-range sound up to 120kHz and Hi-Res Audio support. From the resonance-free housing and Fibonacci-patterned grills, to the silver-coated OFC cables, each Signature Series component elevates the high-resolution sound experience from one you listen to, to one you can feel.



### Features

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#### Hear the difference with massive 70mm HD drivers

Capture every note and nuance with the pure sound of a dynamic, closed-back circumaural design with 70mm HD Drivers. The 70mm HD drivers are improved with a newly developed Liquid Crystal Polymer diaphragm and magnesium dome, that dramatically reduces spatial resonance. The result is unparalleled sound purity and precision.

#### Enjoy full range sound up to 120kHz frequency response

The extended frequency response—spanning 4 Hz to 120 kHz—is designed for today's broad variety of music styles. The 4 Hz low end of the frequency range offers more than enough latitude for even the deepest sub-bass notes. At the 120 kHz high-end, you'll be able to enjoy vocal melodies, subtle audio harmonics and tonality, giving your music more life and realism.

#### Hear music at it best with High-Res Audio

Take your digital music collection to another level with High-Resolution Audio<sup>1</sup> that gets you closer to the original studio master recording so you can enjoy your music just as the artist intended.

#### Keep the sound pure

Filter out unnecessary noise with the resonance-free housing. A special acoustic paper filter (developed using Canadian softwood fibers and formed using the Japanese paper technique of Washi) controls the air resistance and eliminates any reverberations produced by driver movement, so that only clean, crisp frequencies get through.

#### Smooth sound at all frequencies

Fibonacci-patterned grills reproduce the intended sound properties smoothly at all frequencies.

#### Listen in cushioned comfort

The ergonomically crafted headphones are designed to comfortably encase your head in sound; preventing any from leaking and effectively delivering powerful lows. The genuine sheepskin ear pads cushion your ears in luxurious softness.

#### Enjoy lightweight luxury

The titanium and leather headband is flexible and light, yet durable, for a more natural over ear fit. Beta titanium has high elasticity which will return to its original shape even when bent. Genuine leather adds sturdiness and comfort.

#### Ensure superior sound quality with a separated ground cable

The newly developed 4.4 $\Phi$  balanced connection cable separates left and right sound signals, while minimizing signal transmission loss and resulting sound deterioration. The result is smoother high frequencies and superior sound quality.

#### Minimize resistance and signal loss with silver-coated OFC cables

The MDR-Z1R uses silver-coated oxygen-free copper cables, designed to minimize resistance and signal-transmission loss. The result is less sound degradation, finer detail and smoother treble sounds.

#### Engineered and crafted in Japan

Sony products made in Japan are synonymous with absolute quality and performance, and the MDR-Z1R headphones are no exception. They are lovingly crafted with only the finest components and manufacturing techniques; resulting in exceptional sound quality.

#### Enfolding design structure

The enfolding design is tailored to wrap around the ear, sealing music in and keeping distractions out. Acoustics are reflected back towards your ears for the subtlest of sounds.

#### Hard case for storage

The headphones and accompanying cables come presented in a stylish storage case, with separated compartments and a luxury satin lining.

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## TA-ZH1ES compatible for ultimate sound

Do your headphones and your music justice with the TA-ZH1ES Signature Series stationary amp, featuring an innovative analog feed-forward full digital amplifier for purer, more responsive sound. It supports PCM 32 bit/384kHz and DSD11.2MHz sound formats, as well as balanced and unbalanced connections.

## Specifications

General Features(Headphone)	
CableLength	Headphone cable (Approx. 3 m (118 1/8 in), silver-coated OFC strands, Gold-plated stereo mini plug), Balanced-connection headphone cable (Approx. 1.2 m (47 1/4 in), silvercoated OFC strands, L-shaped gold plated balanced standard plug)
Cable Type	Detachable Y type
Diaphragm	Aluminum coated LCP edge diaphragms with Magnesium dome
Driver Unit	70 mm, dome type (CCAW Voice Coil)
Frequency Response	4 Hz - 120,000 Hz
Headphone Type	Closed, dynamic (circum-aural)
Impedance	64 $\Omega$ at 1 kHz
Magnet	Neodymium
Plug	Headphone cable (Gold-plated stereo mini plug), Balanced-connection headphone cable (L-shaped gold plated balanced standard plug)
Power Handling Capacity	2,500 mW (IEC)
Sensitivity	100 dB/mW
Wearing Style	Circum-aural
Weights (Approx.) *excl.cable erights	14 oz (385 g) without cable
Accessories	
Supplied Accessories	Gold-plated unimatch plug adaptor (stereo phone plug - stereo mini jack) Headphone cable (approx. 3 m (118 1/8 in)) Balanced-connection headphone cable (approx. 1.2 m (47 1/4 in)) Hard Case

1. Only compatible with High-Resolution Audio when wired.

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