

# SONY

## IER-Z1R

### Signature Series In-ear headphones

Elevate your listening experience to be one that takes your breath away with the IER-Z1R in-ear headphones. Hear astonishingly faithful sound reproduction with a HD hybrid driver system and refined-phase structure, along with the sonic purity of a 4.4mm balanced audio connection. This will take your listening experiencing to one that you can feel.



### Features

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#### In pursuit of perfect sound

To deliver music with true emotional impact that takes your breath away; every element of the IER-Z1R headphones has been designed and developed for this one purpose. By paying attention to the smallest details, you can distinguish every nuance and subtle characteristic in astonishingly faithful sound reproduction.

#### Originally designed to make you feel

We designed the drivers in the IER-Z1R headphones from the ground up to work in total harmony together. The consistent sound signature carried out across each driver works as if they were a perfect single driver.

#### Hear everything with a frequency response to 100kHz

The super tweeter in the IER-Z1R was developed to deliver ultra-high frequency extension with a new aluminum-coated LCP diaphragm and external magnetic circuit. Its ultra-fast response faithfully follows the fast, dynamic transience of music, which provides you with live concert hall atmosphere.

#### For deep bass and fine details

Inheriting MDR-Z1R's Diaphragm structure, the 12mm dynamic driver's diaphragm consists of magnesium dome and aluminum-coated LCP. This full-range driver offers deep bass and fine mid-high sound.

#### Faithfully reproduce every note

The newly developed Balanced Armature driver is equipped with a magnesium diaphragm, silver-coated copper voice coil and gold-plated terminals. These realize high definition sound that reproduces even the smallest fading note.

#### Audio grade capacitor without distortion

Developed from thousands of listening tests, the dedicated film capacitors on the network give much lower distortion. Audio grade solder is also used throughout to ensure maximum signal transparency.

#### Naturally controlled acoustics

The vast experience of our engineers is the key to acoustic design, which delivers the most natural sound. The finely-tuned IER-Z1R acoustic structure steers audio from the trio of driver units as though they were a single, ideal driver.

#### A perfectly straight sound path

The super tweeter is on a coaxial position against the nozzle. This layout directly delivers accurate super-high notes to your ears with an ultra-wide frequency response up to 100kHz.

#### Refined-phase structure for accurate acoustic blending

Time coherence of the sound from the three drivers is just as important as their wide frequency response. The Refined-phase structure ensures sound waves are aligned, through precision adjustment of the width and length of each sound path. The magnesium-alloy construction also further eliminates vibration and unwanted resonance, to deliver perfect clarity and liveliness across musical genres.

#### Sound Space Control for wide sound space

For balanced sound, from low to high frequency, an acoustic tube connects to the cavity behind the driver unit. This technology presents a wide sound space with rich and natural notes.

#### Quality cable for preserving signal purity

Engineers didn't overlook the quality of the supplied cable, which releases the full potential of the IER-Z1R. From sound quality to wearing comfort and less touch-noise, the cable helps you immerse yourself in music on the go.

#### Balanced connection available

The IER-Z1R In-ear headphones come with a 4.4mm standard balanced connection cable which separates left and right signals completely. This minimizes cross-talk that results in sound deterioration.

#### Silk insulator and non-magnetic plating



Silk braid in the supplied cable reduces touch noise and works as an insulator against vibration. Using twisted pair wiring and a non-magnetic undercoat for gold plating on the plugs ensures legato and clean signal transmission.

**Silver-coated oxygen-free copper cable**

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

**Expertly crafted in Japan**

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

**Specifications**

General Features(Headphone)	
CableLength	Headphone cable (Approx. 1.2 m (47 1/4 in)),Balanced-connection headphone cable (Approx. 1.2 m (47 1/4 in))
Cable Type	Detachable Y type
Driver Unit	Hybrid
Frequency Response	3 Hz - 100,000 Hz (JEITA)
Headphone Type	Closed, Hybrid
Impedance	40Ω (1kHz)
Plug	Headphone cable (L-shaped non-magnetic gold-plated stereo mini plug), Balanced-connection headphone cable (L-shaped non-magnetic gold-plated balanced standard plug)
Sensitivity	103dB/mW
Accessories	
Supplied Accessories	Clip Carring Case Cable holder Connection Cable (Headphone cable (Approx. 1.2 m(47 1/4 in), silver-coated OFC strands, ear hanger, L-shaped non-magnetic gold-plated stereo mini plug,Y-type), Balanced-connection headphone cable (Approx. 1.2 m (47 1/4 in), silver-coated OFC strands, ear hanger, L-shaped non-magnetic gold-plated balanced standard plug, Y-type)) Earbuds (Hybrid earbuds(SS/S/MS/M/ML/L/LL)Triple Comfort Earbuds(SS/S/MS/M/ML/L)) Warranty Card Operating Instructions Cleaning Cloth