

HMZ-T1

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Personal HD & 3D Viewer



Product Highlights

- ✓ High-definition OLED 720p panel
- ✓ Crosstalk-free 3D experience
- ✓ 5.1ch virtual surround



Just slip it on your head! Spectacular big-screen viewing expands before your eyes as sensational surround sound embraces you. Now, movie magic awaits you anytime and anywhere at home with Sony's new HMZ-T1 Head Mounted Display. Witness striking high-contrast images and ultra-deep black tone with Sony's self-illuminating OLED display panels. Encounter amazing 3D images minus "crosstalk" interference common to 3D TV, and marvel at the stunning 5.1-channel surround sound realism of Sony's Virtualphones™ Technology. Discover how Sony AV ingenuity and HMD wearing comfort revolutionise great home entertainment. Immerse yourself in "personal theatre" excitement — now playing for your eyes and ears only!

Key Features

This device should not be used by children 15 and under.

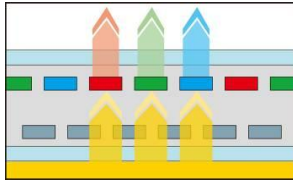
OLED	Organic Light-Emitting Diode (OLED) panel adjusts pixel light emissions to zero for true deep black as never before plus stunningly beautiful high-contrast images. High-speed response captures sports action and fast-moving subtitles without blurry afterimages.
Crosstalk-free Dual HD Panel	Sony's Head Mounted Display provides separate panels for the left eye and the right eye, so image interference never occurs. Dual HD Panel delivers clearly defined 3D images without crosstalk that causes blurry images.
45° wide field of view	In general, a 30° viewing angle is recommended for watching television in a home environment. The HMD provides a 45° viewing angle that expands the wearer's field of view, for enjoyment of a new world of stunning 3D images together with easy readability of subtitles at the edge of the screen.
Realistic recreation of the theatre environment	Through a physical phenomenon known as "dark adaptation," people gradually become better able to see their surroundings, even in a dark environment. For this reason, Sony's HMD is designed to gradually lower its brightness to match the characteristics of human eyesight. The result is an optimal environment for consistently relaxed movie viewing comfort.
Optimised image compensation for HMD enjoyment	A new OLED driver with SBMV technology prevents colour banding in dark scenes or shadowed parts that look "painted out" by black ink. The HMD also features a function to automatically correct contrast in fuzzy frames for crisper, clearer images, and an additional function to enable precise image adjustment for reproduction of pure deep black, depending on user preferences.
5.1ch Virtualphones™ Technology	By positioning sound images outside the listener's head, these headphones produce a natural sound field, as though the sound source is reproduced through a surround system of front and rear loudspeakers.
Four sound modes	The unit provides four sound modes that can be selected to match various types of content: <ul style="list-style-type: none">• Cinema: Reproduces surround sound sense of movie theatres• Game: Optimal for shooter games with clear sound direction• Pure AV: Clearly reproduces natural sounds as initially intended• Standard: Supports various content with optimal reverberation
HMD wearing comfort	The HMD can be adjusted to match the size and shape of the wearer's head by changing the length of headband straps, and headphones can be positioned for the best surround sound results. Furthermore, placement of lenses can be adjusted for optimal enjoyment of the high-precision 3D experience.
Control buttons	Power switch, menu display, and cursor operation buttons are considerably shaped and conveniently located on the right side / on the the bottom of the HMD for easy use.

The Wearable HDTV

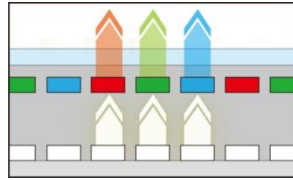
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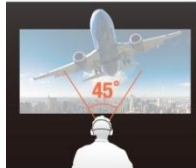
LCD panel



OLED panel

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Optimised image compensation for HMD enjoyment

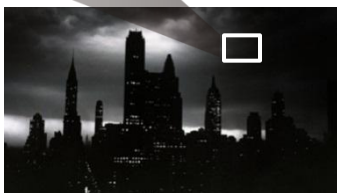
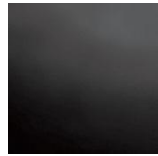
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Gradations with colour banding



Smoother gradations



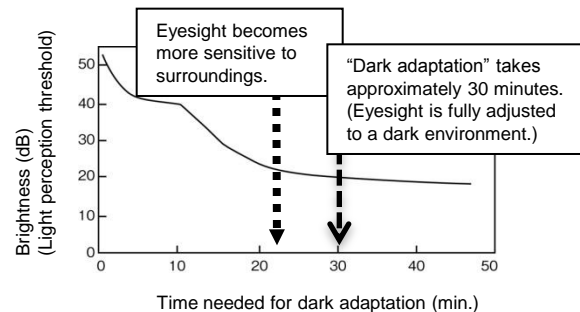
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