



Taking Mixed Reality to Another Level with the Samsung HMD Odyssey+ *Reach new heights with new, more immersive, mixed reality display technology from Samsung*

SEOUL, KOREA – October 22, 2018 – Samsung Electronics Co., Ltd. today announced a new advanced display technology for the HMD Odyssey+, bringing true-to-life visuals to its entry into the Windows mixed reality space through the Windows Mixed Reality Platform that delivers an improved life-like and immersive experiences.

“Samsung strives to develop meaningful innovations that deliver unique experiences to all consumers,” said YoungGyoo Choi, Senior Vice President of the PC Business Team, Mobile Communications Business at Samsung Electronics. “With industry-leading display technology and an enhanced, premium design, the new Samsung HMD Odyssey+ offers new levels of immersion, improving upon its already brilliant display resolution for a consumer immersive headset”

Immersion without limits

Experience true, distraction-free immersive viewing with the Samsung HMD Odyssey+'s exclusive Anti-Screen Door Effect (Anti-SDE) Display innovation¹. Where fine lines separating pixels become visible in some displays, the Screen Door Effect can hinder immersion and even lead to dizziness or nausea over time. The Samsung HMD Odyssey+ deploys its cutting-edge display technology to fight irritating fixed-pattern noise, creating a perceived PPI of 1,233 PPI² for an enhanced mixed reality experience.

With the dual 3.5" AMOLED displays and a combined resolution of 1,440 x 1,600 per eye, the Samsung HMD Odyssey+, when paired with Anti-SDE technology, pushes the visual boundaries forward for immersive technologies. And for those moments when you need to get back to reality, the Samsung HMD Odyssey+'s controller can act as a flashlight, allowing you to see the world around you for a more comfortable and convenient way to stay aware of your surroundings.

The Samsung HMD Odyssey+ integrates AKG's premium audio technology for exceptional and dynamic sounds. Feel truly in the moment with built-in 360° spatial sound support that simulates 3D audio, delivering clear and precise acoustics from every angle. The headset also includes built-in volume controls, allowing you to easily adjust the volume whenever you need.

Built comfortable, so you can stay immersed

Weighing only 590g (1.3lbs), along with a wide eye box measuring 146mm to help match your facial features, the Samsung HMD Odyssey+ is built for comfort, allowing you to stay immersed for longer, comfortably.

And now, everything from the headband to the display position, to the Inter-Pupillary Distance (IPD) wheel, is easily adjustable so that anyone can find that perfect fit. The breathable anti-fog material

¹ Samsung Anti-SDE AMOLED Display solves SDE by applying a grid that diffuses light coming from each pixel and replicating the picture to areas around each pixel. This makes the spaces between pixels near impossible to see. As a result, your eyes perceive the diffused light as part of the visual content, with a perceived PPI of 1,233PPI, double that of the already high 616PPI of the previous generation Samsung HMD Odyssey+.

² 1,233PPI is the perceived resolution and actual resolution is lower.

of the Samsung HMD Odyssey+'s face padding ensures the inside of the eye box doesn't mist up, allowing you to enjoy your mixed reality experience in comfort for extended hours while the detachable design lets you easily keep it clean.

Easy, intuitive setup and usage

Gaming with the Samsung HMD Odyssey+ is simple, easy and convenient. With its built-in Bluetooth and Inside-Out Position tracking features, along with an easy-plug-in setup with a compatible PC – you can jump into mixed reality from just about anywhere. The Samsung HMD Odyssey+ also comes with pre-paired controllers, so you can start playing right out of the box.

With precision 6 Degrees Of Freedom (DOF) tracking, you can indulge in richer mixed reality experiences. The 6DOF controller can detect your every move and distance traveled inside your mixed reality world, responding quickly to the slightest motion, ensuring your gameplay movements are more natural, and significantly reducing any dizziness from in-game motion.

Availability

The Samsung HMD Odyssey+ will be available in the US starting October 22, 2018 at the Microsoft store and Samsung.com, and will be soon available in other regions including Korea, China, Hong Kong, and Brazil.

The Samsung HMD Odyssey+ will also be on showcase at [Unite Los Angeles](#) at the Microsoft booth 309 +310 from October 23 – 25, 2018.

For more information about the Samsung HMD Odyssey+ visit: <https://www.samsung.com>

		Samsung HMD Odyssey+
Platform		Windows MR, Steam VR Support
Display		Dual 3.5in AMOLED, Anti-SDE
Resolution		2880 X 1,600 (1,440 X 1,600 per eye)
Frequency		60Hz, 90Hz
Field of View		110°
Sensors		2 Windows MR Cameras, IPD Sensor, G-Sensor, Gyroscope, Proximity
Tracking	Convenience	6DOF, Inside-out
	Area	170°
Connectivity		HDMI 2.0, USB 3.0
Audio		AKG Premium Audio
Microphone		Dual Array Mic
IPD Adjustment		Yes
Convenience		Adjustable Headband
Weight		1.3 lbs

About Samsung Electronics Co., Ltd.

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at <http://news.samsung.com>.