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Optinvent

The ORA-X® Smart AR Headphones:

The ORA-X is a cutting edge device category that creates a brand new experience. It's the world's first Smart AR headphone. The ORA-X seamlessly blends mobile audio with a new visual experience. It will revolutionize the headphone and wearable computing space. The ORA-X runs Android and features high fidelity audio and a disruptive transparent retinal projection technology for a crisp, bright image display. The ORA-X enables a multitude audio-visual and wearable computing applications. It can run apps as a standalone device and can connect via WiFi and Bluetooth to any other device or directly to the network.

The ORA-X is equipped with a dual core processor w/ GPU, camera, microphone, sound, inertial sensors, WiFi, Bluetooth, GPS, ambient light sensor, and a high capacity rechargeable battery. The ORA-X is a new paradigm allowing for a truly unique and mobile computing and entertainment experience.

About Optinvent:

Optinvent engineers and delivers cutting edge wearable technology products. Optinvent's team has developed patented technologies, extensive know-how, and manufacturing expertise to create a disruptive new category of wearable devices that opens the door to a world of possibilities.

Patented Clear-Vu® Technology:

Clear-Vu is a disruptive near to eye display technology for wearable computing devices created and patented by Optinvent. It allows see-through vision while displaying a virtual image simultaneously. Clear-Vu has a high see-through ratio, wide viewing angle, is light weight, shatter proof, and power efficient. It is the most cost effective and scalable approach available for near to eye display products as all key components are based on molded plastic. "Clear-Vu" is at the heart of the "ORA-X Smart Headphones.



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Fashionable and sophisticated headphones with a retractable AR display. High end materials like machined metal and leather accents for robustness and high build quality. The capability of having a “wearable tablet” while looking stylish. Comfortable, ergonomic and mobile.



**See your
Music**



**Casual
Gaming**



DJ Apps



Fitness Data



Social

ORA-X Specifications*:

Display	Full color Landscape 16:9
Resolution	126 pixel/deg
Screen Size	61" at 4m
Display Brightness	>3000Cd/m ²
Virtual image location	User adjustable (above, centered, below) and R or L eye
Form factor	Over the ear Headphones
Total weight	~250g
Display Arm	Retractable and fully adjustable
Ophthalmic Correction	Can be worn over eyeglasses
Connectivity	Bluetooth LE & Wi-Fi B/G/N μUSB & docking for charge+link
Sound	Professional grade Codec High Fidelity 50mm drivers 3.5mm jack w/ stereo output
Interactivity	Trackpad & Volume rocker
Microphones	Ultra low noise
Ambient light sensor	8 bit
Orientation sensors	9 axis (gyro, accel, compass)
Front facing Camera	5M Pixels w/ AF
Battery Life	8hrs Typical
Operating System	Android AOSP



**Specifications are subject to change without notice.*

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