

Magic Leap augmented reality headset

The *Magic Leap One*, under development for years and often derided as fiction by naysayers tired of its non-appearance, has finally arrived

LIGHTWEAR

Headstrap: Slides apart to match user's shape

Forehead/nose pads: Adaptable for more comfortable fit

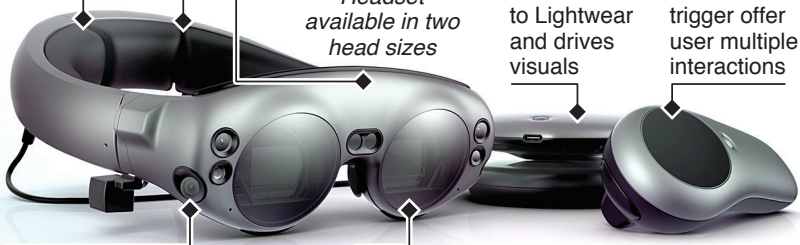
Headset available in two head sizes

LIGHTPACK

Power: Portable computer connects to Lightwear and drives visuals

CONTROL

Input: 3D tracking, touch pad, button and trigger offer user multiple interactions



Sensors: Map room so graphics can be integrated into space

Vision: Prescription lenses for wearers of eyeglasses

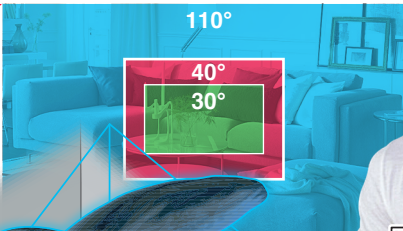
FIELD OF VIEW

Average VR headset

HoloLens*

Magic Leap One

AR field of view not as immersive as **virtual reality (VR)**



4:3 ratio

View appears tinted, with graphics laid on top

Price:
\$2,295

VR shuts out physical world (total immersion).
Augmented reality adds digital elements to live view



Lightwear

Control: 7.5 hours continuous use

Lightpack: Powered by Nvidia's next-generation Tegra X2 chip

*Microsoft AR headset for Windows 10 (shipped Mar 2016, price \$3,000)

Sources: UPLOAD VR, The Verge, CNET, Magic Leap Pictures: Magic Leap, IKEA © GRAPHIC NEWS