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Edition 84

Editor's Desk

Dear friends,

“All our dreams can come true, if we have the
courage to pursue them.”

—Walt Disney

Happy Reading,

Regards

Bhavna Botta

<http://www.connectspecial.in/>

Innovative Ideas

esight Go

These smart glasses are designed for people with low vision. These glasses contain a built-in high-speed, high-definition camera and two high-resolution OLED screens – one for each eye. The camera captures all the images the user looks at, optimizes and enhances the footage, and projects it onto the two screens in real-time.

Lightweight and comfortable to wear, the eSight Go glasses are designed for 100% mobility retention and do not impact the range of the user's peripheral vision. Users can adjust the color and contrast settings on the OLED screens for an optimal experience at school, work, or home.

<https://www.esighteyewear.com/esight-go/>



Image shows black tinted eye glasses with grey color thick frame

AudioNote

Audionote provides instant access as notes are linked to voice recordings with customization of fonts, colors, shapes & more. Notes get automatically highlighted and scroll. We can take notes directly on PDF slides and allows folders to organize by subject with the added ease of iCloud Drive, Dropbox & more sharing options. The adjustable playback speed also comes with automatic pitch correction and sync with other devices.

<https://luminantsoftware.com/apps/audionote-notepad-and-voice-recorder/>

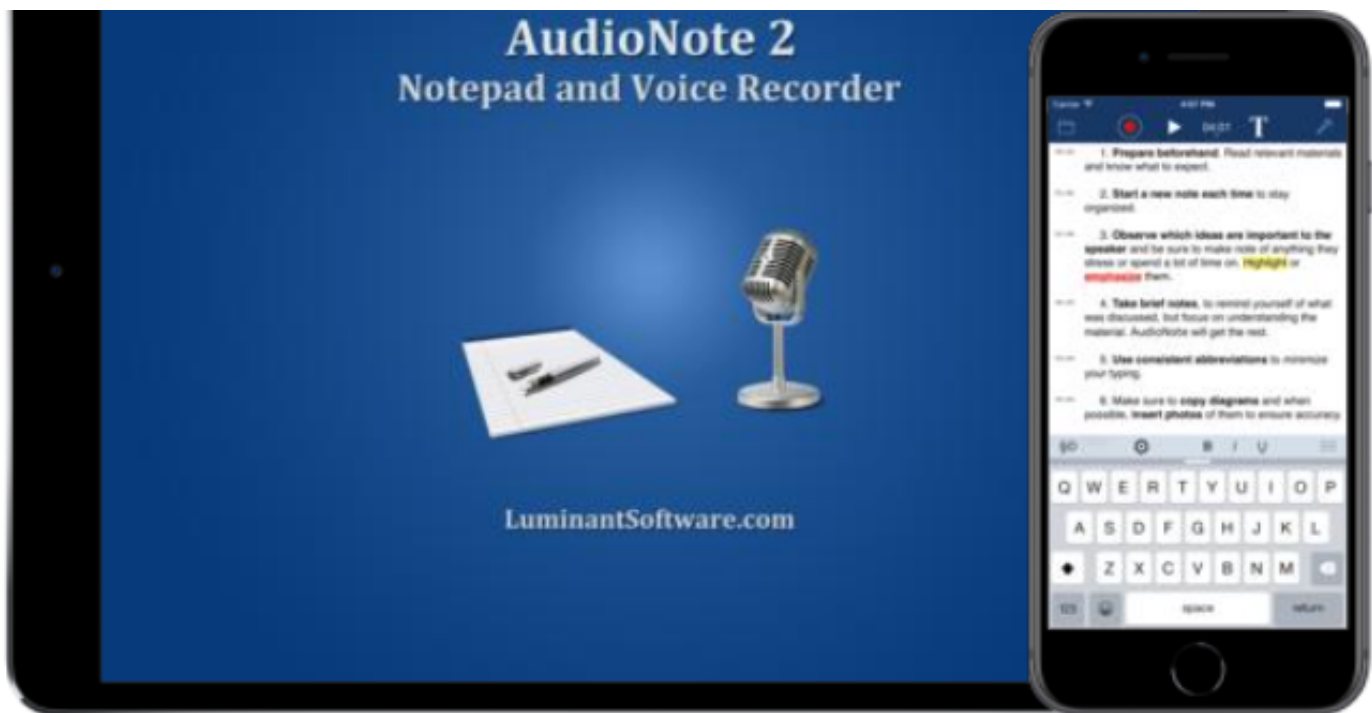


Image shows a screen shot of audionote being used on a mobile

Orbiter Smart Cushion

Kalagon's Orbiter Smart Cushion is a wheelchair cushion that detects and targets pressure ulcer causes and provides weight shifts and pressure relief to reduce the risk of pressure injury.

Using intelligent redistribution technology, the Kalagon Orbiter eliminates direct pressure on sensitive areas to not accelerate the healing process of pressure ulcers and prevent new injuries from occurring. This technology is designed to increase seating tolerance, allowing users to live an active, seated lifestyle.

Users can manage their cushion comfort and stability preferences via a dedicated accompanying smartphone iOS or Android app.

<https://www.kalagon.com/>



Image shows a blue and black color orbiter cushion with a cord attached for connecting to a device

Xander Glasses

Xander Glasses are smart glasses that provide real-time captions for conversations in real-time to help individuals with hearing loss.

The lightweight smart glasses show captions unobtrusively, allowing the wearer to follow conversations while looking directly at the speaker and surroundings.

Xander Glasses allow people who are hard of hearing to clearly understand who is speaking to them, whether at home, work, or in a noisy public venue. This helps people feel more confident and relaxed during conversations.

Users can choose where they want the captions to be displayed on the glasses. As the captioning technology is built into the glasses, users do not have to rely on having internet connection or their smartphone.

<https://www.xander.tech/>



Image shows black thick framed glasses

Ara by Strap Technologies

Ara is a wearable, hands-free device with sensors that transcribes the environment, providing blind or visually impaired users with support to move faster and safer throughout their everyday lives.

Ara's sensors gather real-time information from the wearer's surroundings (head, chest, and below the waist), warning them about potential hazards via haptic feedback. Ara's main features (obstacle detection and straight line navigation) communicate to the user through haptic feedback. It has a sequence of vibrations specific for each situation.



Image shows a person wearing Ara

The assistive device cleverly adapts to the wearer's walking speed; if the user is walking quickly, the technology will detect potential obstacles from further away.

<https://strap.tech/>

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