

WeWALK... Smart Cane for the Blind & Visually Impaired

powered by **YGA** & **VESTEL**

WeWALK for Visually Impaired People



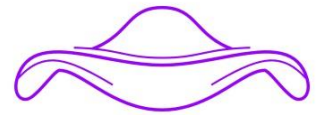
WeWALK , honored with **Edison Gold Award**, is developed and implemented by **YGA** and **VESTEL** co-operation. It is today's most developed smart cane for the visually impaired and blind people.

For detailed information & points of sale: <http://get.wewalk.io>

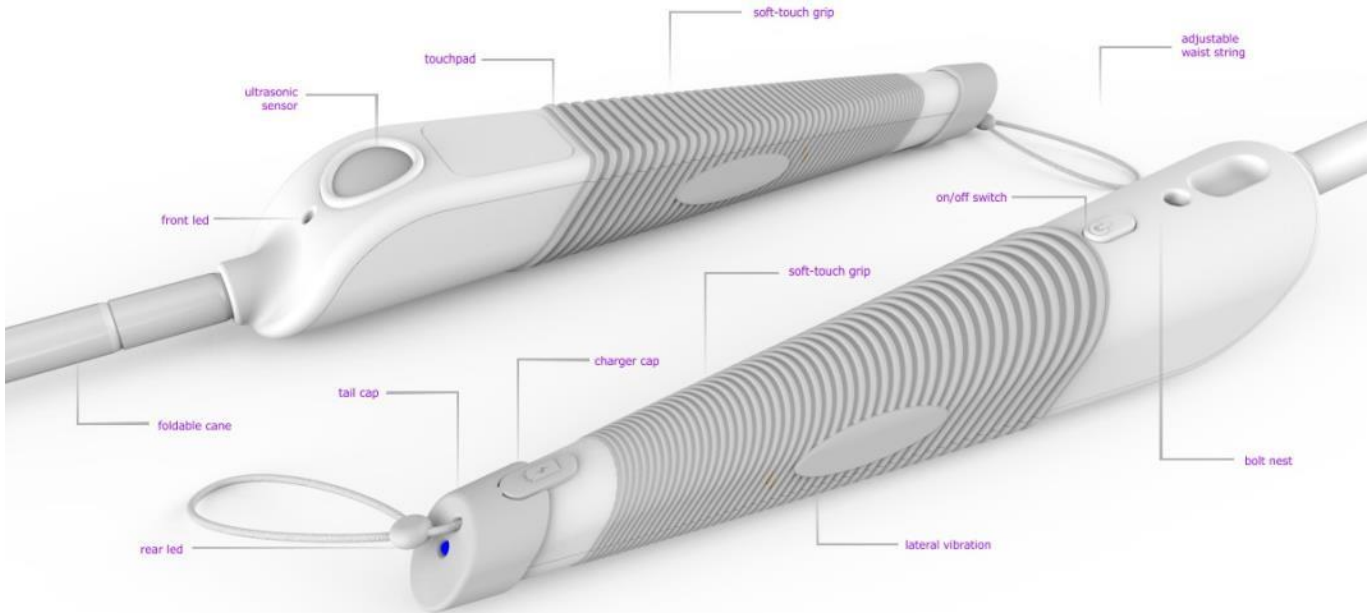


It offers 3 revolutionary features:

1. **Obstacle Detection:** Easily detects and warns the user of obstacles at breast and head level such as signs, poles, branches, etc.

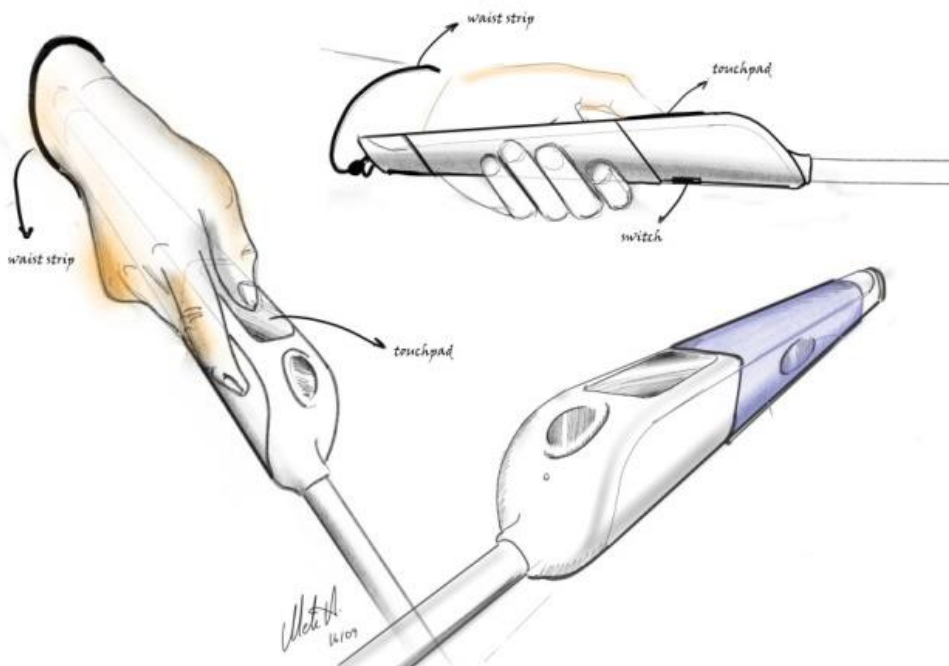


2. **Phone Integration:** Simulates the phone screen and enables phone control when connected via Bluetooth.
3. **Open Platform:** Ability to integrate with all mobile applications. Thus, new features can be added each passing day.

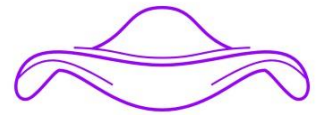


WeWALK's **design** is based on three essential criteria: *Ergonomic, Comprehensible, Reliable*

The uninterrupted structure of WeWALK's handle from thin to thick adjusts to all kinds of hands and various grips. Modular tip structure allows for convenient removal and insertion on other white canes in case the white cane is damaged or worn.

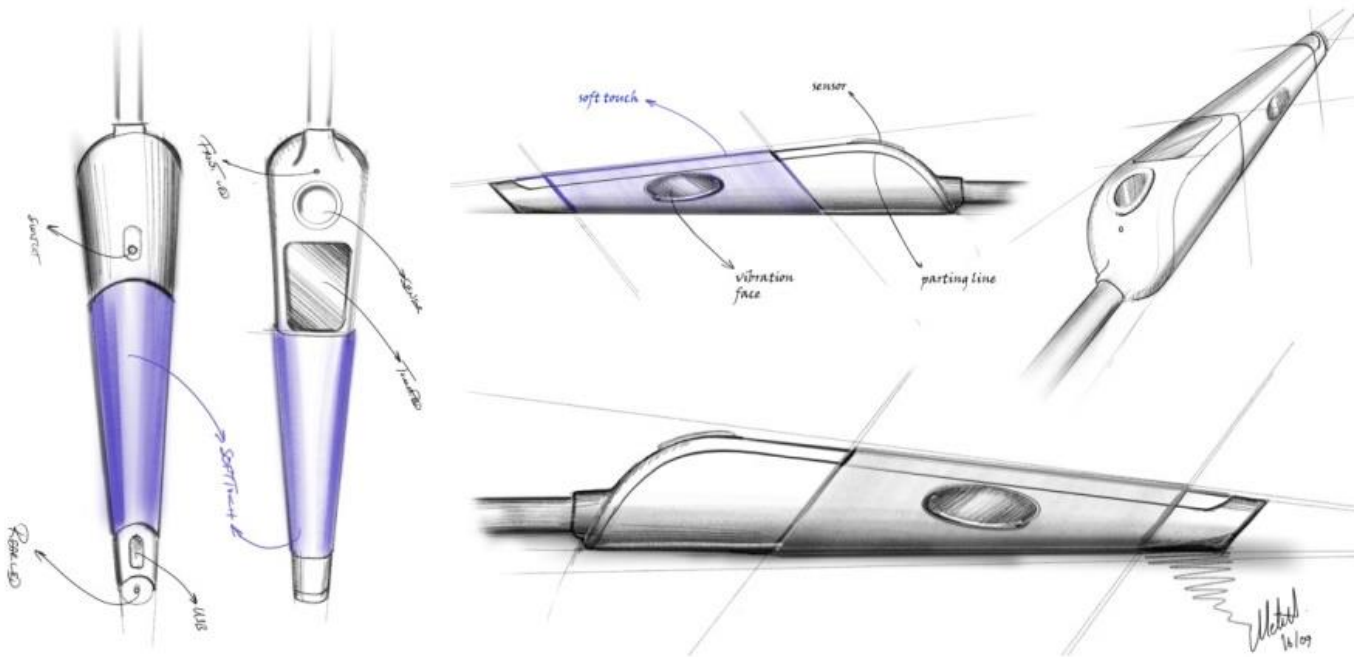


The purpose of various material textures used on its plain structure allows for WeWALK to express itself to its



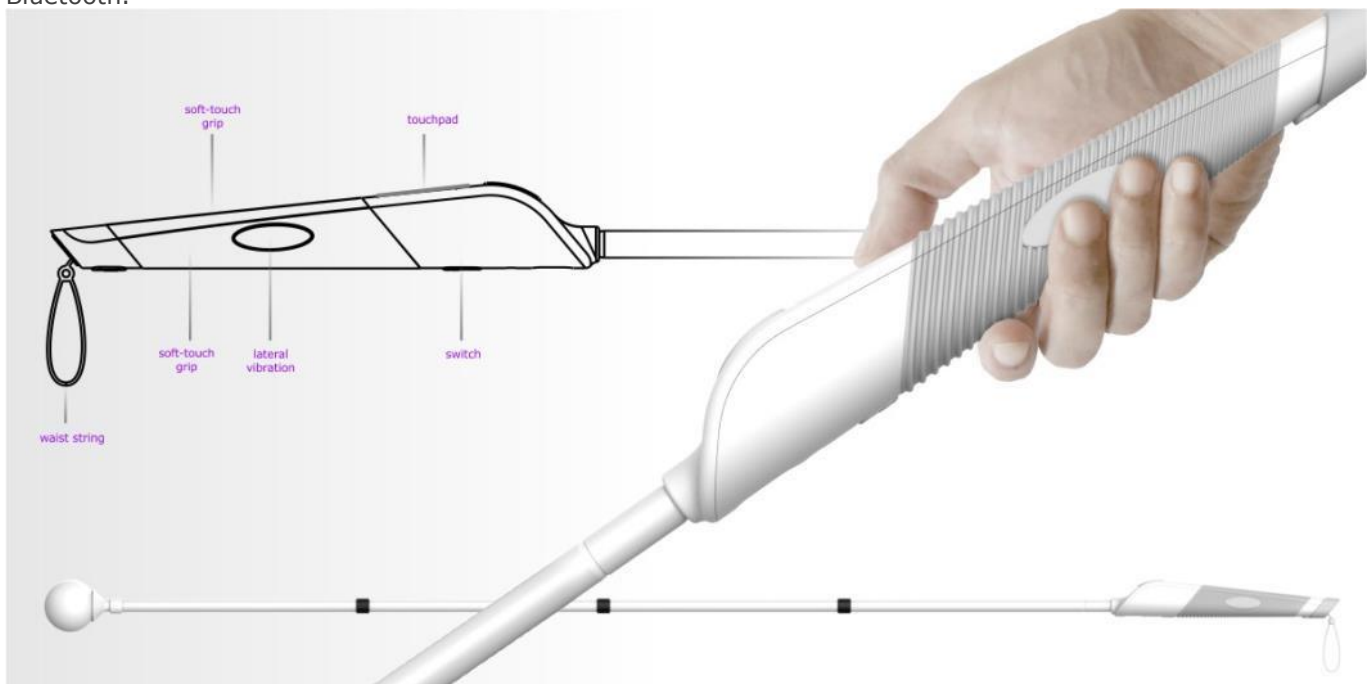
user in a quick and reliable way in line with a limited item perception with sense of touch.

Main form of WeWALK is based on clear and natural lines. Thus, WeWALK turns into a reliable product without exceeding the ergonomics and area of use that the users are familiar with allowing for quick and easy adoption.

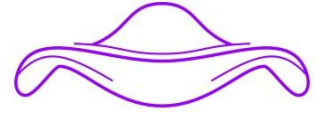


TECHNICAL CHARACTERISTICS

WeWALK consists of many cutting-edge technology parts. A powerful internal rechargeable battery comes as standard for long-lasting use. You may charge the device using the USB port. It features a software for operation with a microprocessor when not connected to the phone. It can be remote controlled and accessed using the touchpad, vibration motors, ultrasonic sensor, compass and LEDs when connected to the phone via Bluetooth.



Obstacle Detection Mode: Detects the obstacles at predefined distances using the ultrasonic sensor only in the operating mode, and warns the user using the vibrations motors located on both sides. Behaviors can be



customized to user preference once connected to the phone.

Phone Integration: Smartphone control capability of WeWALK provides unique features via Bluetooth. Touchpad on the white can allows for the visually impaired to control the smartphone in the manner they are familiar with. You can use all functions of your smartphone without taking your phone out of your pocket using the touchpad that simulates screen touches. This feature is available only on Android phones for the time being.



Open Platform: All application developers can connect to the device via WeWALK SDK and retrieve current sensor and touchpad inputs, and moreover, send any desired commands to the device using vibration motors and LEDs. Many applications only limited to your imagination will be integrated with the device.

VIDEOS



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