

Smart HEALTH

Smart HEARABLE Solutions

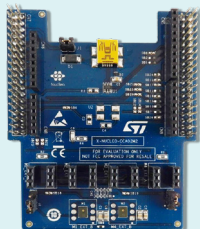
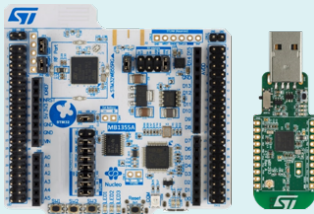
Hearables or Smart headphones are wireless electronic in-ear-devices designed for multiple purposes ranging from wireless audio transmission to communication objectives, medical monitoring and fitness tracking.

* Wikipedia

The term “**hearable**” is a hybrid of the term’s wearable and headphone, as hearables combine major assets of wearable technology with the basic principle of audio-based information services, conventional rendition of music and wireless telecommunication.

Featured Development Kits

- 1. P-NUCLEO-WB55:**
STM32WB Development board
- 2. X-NUCLEO-CCA02M2:**
Digital MEMS microphone expansion board based on MP34DT06J for STM32 Nucleo



Featured Wireless Radios, Sensors, Antenna

- 1. STM32WB55:** Wireless microcontroller with Bluetooth Low Energy 5.0, 802.15.4, Zigbee, Thread
- 2. MP34DT06J:** MEMS audio sensor omnidirectional stereo digital microphone

Click on the Following Links for More Information:

- 1. How to Get Started Guide**
- 2. User Manual**
- 3. Application Source Code**
- 4. How to Get Started Video**
- 5. STM32WB55 Landing page**
- 6. MP34DT06J MEMS audio Microphone Landing page**