

+ JABES-Handy



JABES-Handy needs;

- To be used with wired headphone or Bluetooth module and Bluetooth headphone for monitoring sound. (Not included)



- A cable to connect with smart phone. GST production parts
- If necessary, it can be used in connection with JABES-AI(artificial intelligence).



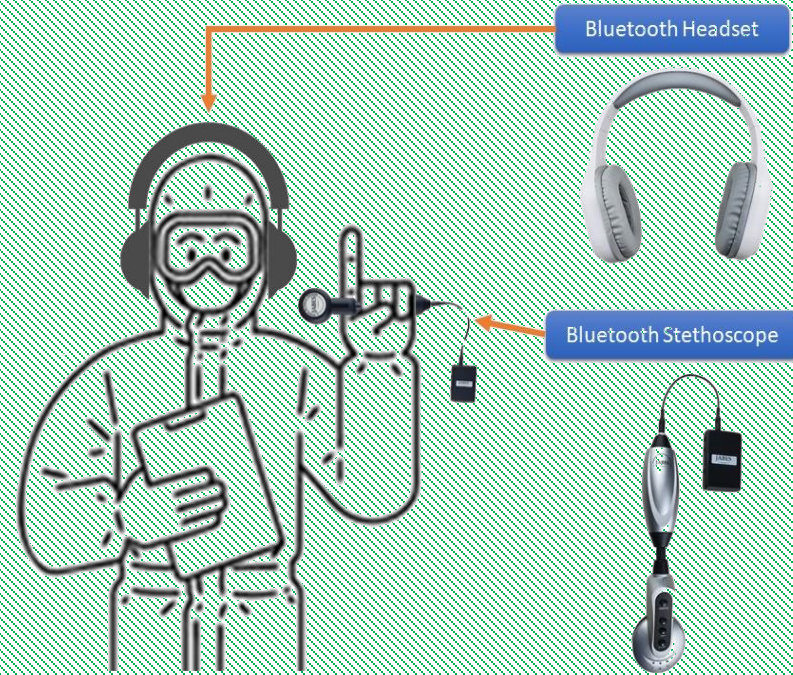
Medical Environment at Hospitals



Infection safety clinic booth



Respiratory clinic booth



Doctors can listen the sound with a headphone that can be worn over the protective clothes.



Jabes-Handy Stethoscope is being used at the major hospitals.

Medical Environment at Home

(from) Home



~Via~

LTE, 5G, WiFi



(connects to) Doctor



At Home → Use JABES-Handy to pick up the Patients' Respiratory Sound →
Send recorded sound by Txt, Viber, Messenger or any SNS to your Dr.
[or, Can directly connect to the Dr. via Smartphone at real time]

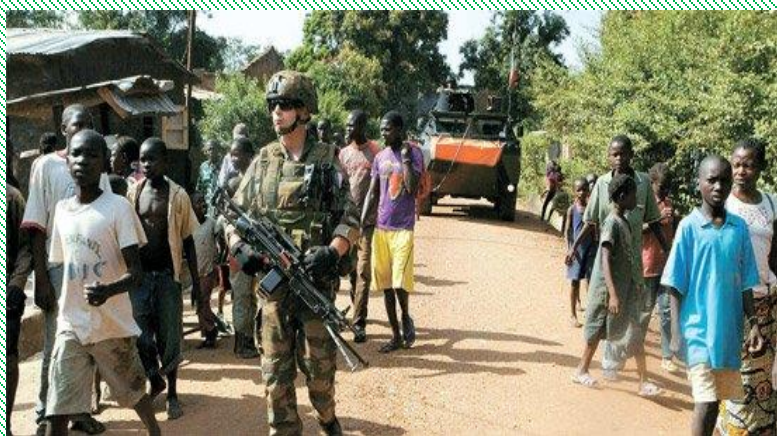
General Function	Specification
1. 3 Mode	<ul style="list-style-type: none"> • Bell mode : Frequency of Heart • Diaphragm mode : Frequency of Lung • Wide mode : All Frequencies
2. Volume Control Level	<ul style="list-style-type: none"> • 10 level
3. Auto Power-off	<ul style="list-style-type: none"> • Power automatically turns off after 3 minutes of none operation
4. Battery Life	<ul style="list-style-type: none"> • Over 100 hours (AAA x 2)
5. Amplification	<ul style="list-style-type: none"> • 30 times of ordinary stethoscope (Approx. 32db)
6. Electrical Feature	<ul style="list-style-type: none"> • SNR (Signal Noise Ratio) : 101 db • THD (Total Harmonic Distortion) : 0.04 % • Current consumption : 52mA • Power consumption : 0.15 V • Output signal : Maximum 2.0 V
7. 2.5 Φ Connection Port	<ul style="list-style-type: none"> • Output Port is provided for external audio devices <ul style="list-style-type: none"> ✓ AUX output ✓ Can save the sound on the computer. Smartphone, and other Voice recording devices.
8. Last setting value	<p>. When turn on, system will automatically returns to the last set value of Volume and Mode.</p>

All Electrical functions of JABES Regular and JABES Handy are the same.

Choice of Three Frequency Range	With JABES digital stethoscope, healthcare professionals can choose one of three ranges of frequency: Bell, Diaphragm, and Wide mode. JABES provides a Clear and loud sound to doctor's ear with minimum effort.
Maximum Noise Reduction System	JABES digital stethoscope provides clearer sound. Doctors should be able to hear the turbulence noise of carotid arteries by JABES, which is caused by atherosclerotic plaque without a non-invasive equipment.
Customize Sound Level	JABES comes with 10 sound levels; general stethoscope sound at level 1 to 30 times amplified sound at level 10. Users can choose a sound level that fits best for his or her ear, and JABES remembers each user's custom level.
Smart Power Management System	JABES runs up to 100 hours with two AAA Alkaline batteries, which are inexpensive and readily available. You don't have to wait to recharge before you can use it again.
Auto Shut Off	JABES turns off automatically when there is no activity for 3 minutes. Low Battery indication light lets JABES users to know when batteries need to be replaced.
Easy to Operate	JABES is easy to operate. Anyone can use it without looking at the manual.
Convenient to Use	Clearly marked function buttons soft and clearly marked. Mode and Low Battery indication light is small, yet easy to seen by users. JABES also remembers sound level and mode, which are set by each user.
Monitor, Record and Play	Patients body sounds can be monitored, recorded and saved for future reference. This information also can be sent to other JABES users through internet. Real time remote diagnose is possible thru video conferencing program like Skype, Zoom.
Wave Reference Data Base	Wave reference data base, which contains more than 55 heart and lung sounds and their phonocardiogram, can be a valuable tool to the JABES users. Healthcare professionals sometimes face a very unfamiliar body sound.

All functions of JABES Regular and JABES Handy are the same.

In times of disaster, the medical staff is always far from sufficient..



- ✓ Just easy to use.
- ✓ Just Send the stethoscope sound over the phone to connect with JABES-AI
- ✓ Just Record stethoscope sound and share to doctors through the messenger app.