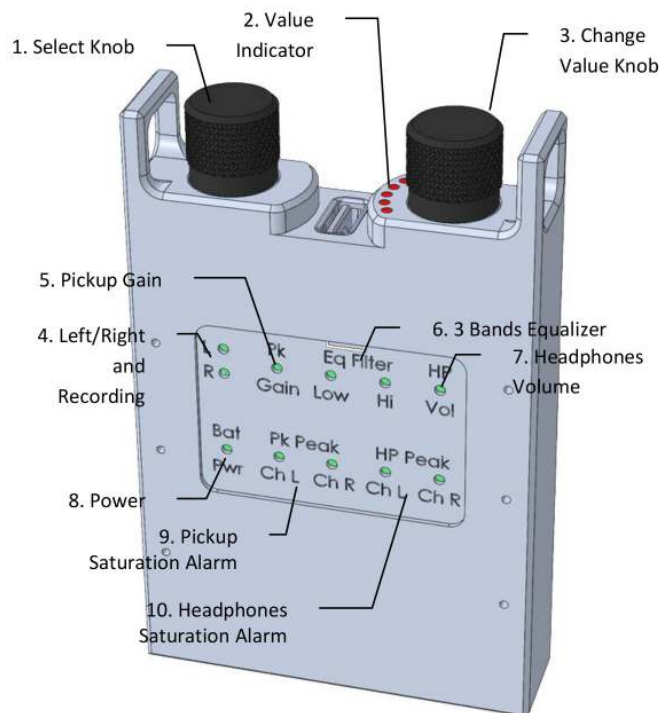# ENGT-18 - Stethoscope

User Interface

1. Select knob: dial to select the value to change; when the device is off press to power on; when the device is on press to stop the recording and hold pressed to switch off.

2. Value indicator: this leds indicate the current selected value

3. Change Value Knob: dial to change the current value

4. Left/Right and Recording Led: this leds indicate the current channel selected; when flashing you can change the settings with Knob 3

L	R	Status Description
●	●	Left Pickup signal is routed on Left out channel and Right Pickup signal is routed on Right out channel.
○	●	Right Pickup signal is routed on Left and Right out channel.
●	○	Left Pickup signal is routed on Left and Right out channel.
●	●	Left Pickup signal is routed on Left out channel and Right Pickup signal is routed on Right out channel. The recording are activated.
○	●	Right Pickup signal is routed on Left and Right out channel. The recording are activated.
●	○	Left Pickup signal is routed on Left and Right out channel. The recording are activated.

5. Pickup Gain: when this leds is fashing you can adjust the gain level by the Knob 3

6. 3 Bands Equalizer: when this leds is fashing you can adjust 3 Bands Equalizer level by the Knob 3

| Low	High	Status Description
●	○	Adjust Low band gain
●	●	Adjust Mid band gain
●	○	Adjust High band gain

7. Headphones Volume: when flashing you can change the headphones volume.

8. Power: this Led is Green when the device is on and the battery is charged and it is Red when the battery is discharged.

9. Pickup Saturation Alarm: this leds blinks when the gain of pickup is too high. <u>If the leds blink decrease the Pickup Gain.</u>

10. Headphones Saturation Alarm: this leds blinks when the volume of headphones is too high. <u>If the leds blink decrease the Volume.</u>

Connection diagram
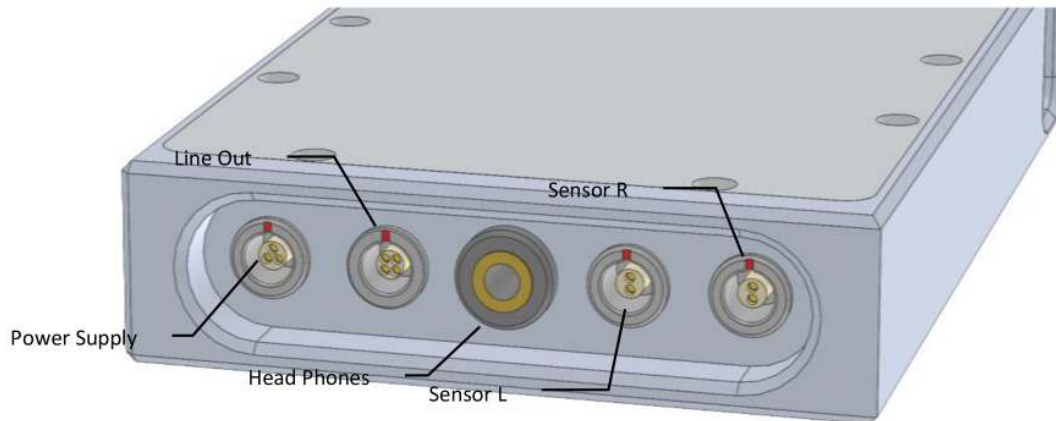
Power In	Line Out	Sensor L	Sensor R
1. not connected	1. ground	1. ground + shield	1. ground+shield
2. +5 V input	2. ground	2. signal left in	2. signal right in
3. GND	3. signal out left		
	4. signal out right		