

STG Wireless Teaching System User Manual



Product Description

The STG Wireless Teaching System (hereafter referred to as ‘STG Wireless’) is intended for wireless auscultation at the bedside. STG Wireless consist of a sensor with volume regulator and on/off button, battery operated infrared transmitter, and 6 infrared headphones. Additional headphones are available.

Directions for use

The system arrives ready to be used:

1. Turn on infrared transmitter with a slider on the back panel. Four red indicators inside the transmitter will light up.
2. Position infrared transmitter with the battery in the line-of-sight of all headphones.
3. Turn on headphones with a slider on the right hand side. The red light will light up.
4. Turn on the acoustic sensor by rotating the volume level wheel. The red light will light up. Connect L-shape end of the cable to the sensor. Connect straight connector to infrared transmitter cable via a provided female-female adapter.
5. Firmly position the acoustic sensor and press the blue button on the sensor to start auscultation.

To turn the system off:

1. Turn off the acoustic sensor by rotating the volume level wheel until the red light is turned off.
2. Turn off all headphones; red lights on the headphones have to be off.
3. Turn off the infrared transmitter with a slider on the back panel. Four red indicators inside the transmitter have to be off.
4. Charge the battery for several hours but do not leave the battery on charge continuously when the battery is not being used.

To use the system with a computer or handheld device:

1. Use a splitter cable to connect the computer and the infrared transmitter in parallel as shown in the illustration below.

iPAQ connection	PC connection	Default connection
<ol style="list-style-type: none"> 1. Acoustic sensor 2. Sensor cable 3. Female-female adapter 4. Female-female splitter 5. Transmitter cable 6. Volume control 7. iPAQ cable 8. Transmitter 9. iPAQ 	<ol style="list-style-type: none"> 1. Acoustic sensor 2. Sensor cable 3. Female-female adapter 4. Female-female splitter 5. Transmitter cable 6. PC cable 7. Transmitter 8. PC 	<ol style="list-style-type: none"> 1. Acoustic sensor 2. Sensor cable 3. Female-female adapter 4. Transmitter cable 5. Transmitter

Cautions

1. The headphones require direct line-of-sight with the infrared transmitter. Interruption of the line-of-sight may result in the interruption of the sound.
2. Turn off the acoustic sensor, headphones and infrared transmitter when the system is not used to extend battery life.

Specification

Infrared transmitter battery	12V, rechargeable, charge should be last for up to 10 hours, charge after each use
Acoustic Sensor battery	9V single use
Headphone battery	Two AAA batteries, single use

Troubleshooting

The light on the acoustic sensor is off when I turn the sensor on.	The battery is dead. Change the battery with a fresh 9V battery.
The light on the headphones is off when I turn the headphones on.	The battery is dead. Change the batteries with two fresh AAA batteries.
The lights on the infrared transmitters are off when I turn the transmitter on.	Charge the 12V rechargeable battery.