

# ELECTRONIC STETHOSCOPE



## Wireless Connection

Facilitates to remote auscultation and remote patient monitoring



## Improved sound quality

Enhanced sound volume and quality to improve auscultation



## Remotely Record and Share

With the help of voice recording app on your smart devices to save recordings for a second opinion



## Heart Sound and Lung Sound Filters

3 difference filter modes: heart sound, lung sound and wide range



Type C



Audio jack  
3.5mm

## Specification

Frequency response modes	Heart sound / Lung sound / Full frequency
Frequency range	Heart sound (20-200Hz) / Lung sound (100-1000Hz) / Full frequency (20-1200Hz)
Data wireless transmission	Bluetooth
Auscultation head type	Adult and Child sizes interchangeable with screw system. Compatible with 3M Littmann membrane.
Exterior dimensions	139 x 48 x 34 mm
Weight	190g
IP rating	IPX2
Power	2000 mAh Li-Polymer rechargeable battery
Battery life	1. 30 hours in auscultation mode 2. 200 hours in standby mode
Battery life recovery	Fully charged in 5 hours
Volume level	8 levels up to 50x amplification
Power consumption	90 mA

## Bluetooth Application Scenario 1

### Pairing with smart devices

Pairs with Smart Devices (Bluetooth 4.0 or later) for Auscultation Recording



Bluetooth 4.0  
or later



smartphones



tablets



laptops

- 1 Power on ES-2020 and Enter Bluetooth Pairing Mode



- 2 Turn on Bluetooth and select "ES-2020"



- 3 Open Recording App to Receive Signal from ES-2020



## Bluetooth Application Scenario 2

### Wireless monitoring

(Bluetooth earphones / speakers / personal sound amplification device)



Bluetooth  
transmitter



Bluetooth  
Speaker



Bluetooth  
earphones



personal sound  
amplification device

- 1 Connect Bluetooth Transmitter to 3.5 mm Audio Jack

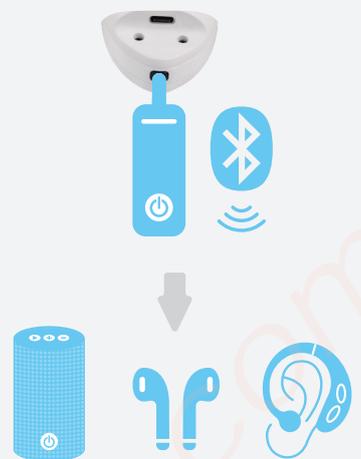


- 2 Turn on the Bluetooth transmitter



Ensure Bluetooth Version  
Compatibility Before Use

- 3 Pair Bluetooth Audio Device according to instructions



Auscultation sound will be played through bluetooth device after successful pairing

# ELECTRONIC STETHOSCOPE



Clarity



Record



Share



## Wireless Connection

Facilitates to remote auscultation and remote patient monitoring



## Improved sound quality

Enhanced sound volume and quality to improve auscultation



## Remotely Record and Share

With the help of voice recording app on your smart devices to save recordings for a second opinion



Heart Sound



Lung Sound



Full Frequency

## Heart Sound and Lung Sound Filters

3 difference filter modes: heart sound, lung sound and wide range



45mm



Adult



Type C



Audio jack  
3.5mm

## Specification

Frequency response modes	Heart sound / Lung sound / Full frequency
Frequency range	Heart sound (20-200Hz) / Lung sound (100-1000Hz) / Full frequency (20-1200Hz)
Data wireless transmission	Bluetooth
Auscultation head type	Adult and Child sizes interchangeable with screw system. Compatible with 3M Littmann membrane.
Exterior dimensions	139 x 48 x 34 mm
Weight	190g
IP rating	IPX2
Power	2000 mAh Li-Polymer rechargeable battery
Battery life	1. 30 hours in auscultation mode 2. 200 hours in standby mode
Battery life recovery	Fully charged in 5 hours
Volume level	8 levels up to 50x amplification
Power consumption	90 mA

## Bluetooth Application Scenario 1

### Pairing with smart devices

Pairs with Smart Devices (Bluetooth 4.0 or later) for Auscultation Recording



Bluetooth 4.0  
or later



smartphones



tablets



laptops

- 1 Power on ES-2020 and Enter Bluetooth Pairing Mode



- 2 Turn on Bluetooth and select "ES-2020"



- 3 Open Recording App to Receive Signal from ES-2020



## Bluetooth Application Scenario 2

### Wireless monitoring

(Bluetooth earphones / speakers / personal sound amplification device)



Bluetooth  
transmitter



Bluetooth  
Speaker



Bluetooth  
earphones



personal sound  
amplification device

- 1 Connect Bluetooth Transmitter to 3.5 mm Audio Jack

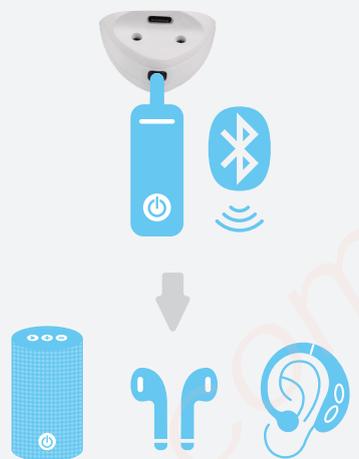


- 2 Turn on the Bluetooth transmitter



Ensure Bluetooth Version  
Compatibility Before Use

- 3 Pair Bluetooth Audio Device according to instructions



Auscultation sound will be played through bluetooth device after successful pairing