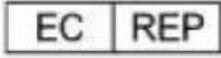


1. INTRODUCTION

eSteth Pro is designed to provide high quality heart and lung sounds to health providers, thus enhancing their capacity to make direct diagnosis or consult through telemedicine. eSteth Pro provides enhanced teleconsultation experience through its two-way hearing output, ability to amplify, record and play auscultation data. Furthermore, it allows real time transmission of physiological data for on-spot analysis of the cases from remote locations.

eSteth Pro is recommended for use with eSteth application, available on PlayStore and AppStore. eSteth Pro is also compatible with MDConsults app, thus enabling healthcare providers to record, track and refer sound files from anywhere at any time. The device is intended to be used for all age groups.

2. DESCRIPTION OF SYMBOLS

Symbol	Description	Symbol	Description
	Consult instructions for use		Batch Number
	Indicates manufacturer		Serial Number
	Uses micro-USB connector.		Authorized representative in European country.
	Catalog Number		This product uses wireless Bluetooth communication
	Certified to enter European market.		

3. SAFETY / WARNING

	This product contains electrical and electronic components and must not be disposed of using standard refuse collection. Please consult local directives for disposal of electrical and electronic equipment.		Temperature Limit (operational) -20 to 50 C
	this device emits non-ionizing radiation		Humidity Limit (operational) 0% to 90%

	This product is provided non-sterile. Do not attempt to re-sterilize the device.		The product should be kept dry.
	Indicates a hazardous situation, which if not avoided, could result in injury and/ or property damage and/or damage to the device.		

4. ELECTROMAGNETIC COMPATIBILITY

The device is approved according to Electromagnetic Compatibility safety standard IEC 60601-1-(08). It is designed to be used in typical healthcare and domestic settings.

5. FEATURES

- Digital Volume Control
- USB-based Connectivity
- Rechargeable Battery
- Digital Sound Record
- Active matrix OLED Diagnostic Display
- Cardio Type Diaphragm

6. DISPLAY

Symbol	Description	Explanation
*heart rate symbol on display screen	Heart Rate	Number of heart beats per minute (pulse is typically equivalent to heart rate).
*battery symbol on display screen	Battery status	Indicates status of battery during charging.
*Bluetooth on display screen	Bluetooth smart symbol	The device uses Bluetooth for communication.
*diagnostic display	Display of data collected	Represents the data in graphical manner for easy interpretation

7. BATTERY

7.1 Charging

The battery of this device is a built-in rechargeable Lithium-Ion polymer battery with a capacity of 500 mAh. Use the original USB cable supplied to charge the battery. When the battery is empty it takes approximately 2 hours to charge completely, whereas the drainage of the battery depends upon its usage. Following is the process for charging eSteth.

- 1) Put the micro USB plug in the socket of the device.

- 2) Put the USB cable in the USB port of a compatible charger. To ensure optimal life of the battery, it is recommended to store as 50% charged and re-charge when required.

7.2 Battery Status

Battery Symbol	Battery status
*battery empty	The Battery is almost empty
*battery half full	The battery is almost full
*battery fully charged	The battery is fully charged

8. PREPARING FOR USE

8.1 Headset Connection

Headset can be connected to any of the two audio jacks provided for hearing clear heart and lung sounds. You may also use any other headphone with 3.5mm jack.

8.2 Power

eSteth Pro turns on/off by pressing the toggle switch once and will automatically turn off after 10 seconds of inactivity.

8.3 Positioning Of Chest Piece

For the best results, make sure the chest piece is placed correctly, i.e. holding the diaphragm firmly against the skin with the bell between the distal part of your index and middle finger of your dominant hand. This will allow the device to capture sounds from the patient and process it before transmitting it to expert site.

8.4 Leads Adjustment

Connect eSteth Pro with your PC through the audio cable for the easy transfer of auscultation data to the expert site.

8.5 Recording

- 1) For recording to start, press the recording button once.
- 2) There will be a 5 second delay in the recording after the button is pressed, to allow correct chest placement.
- 3) The recording icon will turn red when the device is recording.
- 4) For recording to end, press the recording button again.

9. CONNECTING eSteth

9.1 Connecting With Mobile Phone

9.1.1 Bluetooth Connectivity

eSteth Pro has low energy Bluetooth 4.0 and it supports all Bluetooth devices

a. Connecting BLE (Bluetooth enabled) headphones with eSteth Pro

- 1) Turn on eSteth Pro using the power button
- 2) Once the device is powered on, the bluetooth will be activated automatically
- 3) Press and hold the power button for 10 seconds, it will remove any previously paired device and will allow the nearby activated Bluetooth audio to be connected with eSteth Pro.

b. Connecting Android/iOS phone with eSteth Pro

You are required to install eSteth mobile App available on Play Store and App Store

- 1) Turn on eSteth Pro using the power button
- 2) Once the device is powered on, the Bluetooth is activated automatically
- 3) Open eSteth App on your android or iOS phone. App will ask to pair phone with eSteth device
- 4) Open MDConsults and/or Bluetooth voice recording app to record the auscultation data.
- 5) Save the recorded file on your mobile

9.1.2 Connecting Audio Jack with eSteth Pro

To connect eSteth with App with Audio Jack, follow the following steps

- 1) Turn on eSteth Pro using the power button
- 2) Insert audio cable into audio jack port of the eSteth device as well as your phone.
- 3) Open eSteth App on your android or iOS phone.
- 4) Once app is open it will ask for test the connection. Click on the Test Button to ensure that the device is successfully connected
- 5) Record the auscultation data using eSteth App.
- 6) Save the recorded file on your mobile

9.2 Connecting with Telemedicine Software on a PC

To use eSteth for live telemedicine, you can either use it with MDConsults (www.mdconsults.net) or integrating eSteth to your telemedicine software*.

** You can use eSteth with any communication software for live teleconsultation.*

9.2.1 Bluetooth Connectivity

1. Turn on the Bluetooth on your laptop and eSteth device.
2. Pair your laptop Bluetooth with eSteth device.
3. Make sure the devices are paired successfully by going into audio settings and finding Bluetooth microphone.
4. Make Bluetooth based microphone as your default audio device.
5. For using eSteth with MDConsults you need MDConsults License along with username and password. (A free MDConsults license comes with your eSteth device).
6. After starting live consultation on the MDConsults, you will find an audio device option on the top of video
7. You are now ready to transmit Heart/lungs and breathing sounds.

9.2.2 Connecting with AudioJack

1. Insert audio cable into audio jack port of the device as well as your PC
2. Make sure audio jack is connected properly by going into audio settings and finding eSteth microphone.
3. Make eSteth microphone as your default device.
4. For using eSteth with MDConsults you need MDConsults License along with username and password. (A free MDConsults license comes with your eSteth device).
5. After starting live consultation on the MDConsults, you will find an audio device option on the top of video

You are now ready to transmit Heart/lungs and breathing sounds.

10 WARRANTY

Tech4Life enterprises warrant eSteth Pro, against defects in materials or workmanship for a period of one year from the date of purchase and agree to replace any defective product. The buyer should bear the cost of shipping and handling.

IMPORTANT: This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, attachments not provided with the product or loss of parts or subjecting the product to any specified voltage.

NO RESPONSIBILITY IS ASSUMED FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

11 MAINTENANCE OR REPAIR SERVICES

Please include your name, address and email address with your eSteth Pro device for ease in replacement services. The faulty eSteth Pro should be sent to the local distributor of eSteth in your country. In case there is no local distributor, please send the package to:

Tech4Life Enterprises

1-555 Industrial Drive, Suite 109,
Milton ON,
Canada L9T 5E1