

Using Stethoscopes with LifeSize Video Systems

LifeSize 220 series systems running software version 4.8 support the CareTone™ and StethOne™ telephonic stethoscopes.

To connect a CareTone or StethOne stethoscope package to a supported LifeSize system, you need the following equipment (not included):

- Two RS-232 serial cables
- Keyspan USB serial adapter for a USB connection

Connect the stethoscope to the indicated port on the LifeSize system:

LifeSize System	Port
LifeSize Room 220	Serial or USB
LifeSize Team 220	USB
LifeSize Express 220	USB

Before you connect a CareTone or StethOne stethoscope to a LifeSize system, refer to the CareTone or StethOne user manual for more information.

Connecting the Transmitter Device to the Patient End

1. Attach the chest piece and power adapter to the stethoscope transmitter device according to the documentation included with your stethoscope.
2. Attach one end of the RS-232 serial cable to the transmitter device.
3. **LifeSize 220 system:** Attach the other end of the RS-232 serial cable to the USB port on a LifeSize 220 system using a Keyspan USB serial adapter.

LifeSize Room 220 only: Attach the other end of the RS-232 serial cable to the RS-232 port on the LifeSize Room 220.

4. Plug the transmitter device into an AC outlet using the power adapter and power cord supplied with the stethoscope.

Connecting the Receiver Device to the Provider End

1. Attach headphones and a power adapter to the stethoscope receiver device according to the documentation included with your stethoscope.
2. Attach one end of the RS-232 serial cable to the receiver device.
3. **LifeSize 220 system:** Attach the other end of the RS-232 serial cable to the USB port on a LifeSize 220 system using a Keyspan USB serial adapter.

LifeSize Room 220 only: Attach the other end of the RS-232 serial cable to the RS-232 port on a LifeSize Room 220.

4. Plug the receiver device into an AC outlet using the power adapter and power cord supplied with the stethoscope.

Configuring the LifeSize Systems

After you connect the transmitter device to the LifeSize system at the patient end and the receiver device to the LifeSize system at the provider end, you must configure the LifeSize systems.

USB Port

1. On the LifeSize system, navigate to **Administrator Preferences : System : Serial Ports : USB Serial Shell** and select *Pass Through to Far End*.

NOTE Connecting a device or removing and reconnecting a device to the USB port during a call could result in a dropped or missed connection.

2. Navigate to **USB Serial Baud Rate** and select *9600* for the CareTone stethoscope or *19200* for the StethOne stethoscope. If you hear loud pops, clicks, or static, verify that you selected the correct bit rate for the device.

RS-232 (LifeSize Room 220 only)

1. On the LifeSize system, navigate to **Administrator Preferences : System : Serial Ports : RS-232 Port 1 Shell** and select *Pass Through to Far End*.
2. Navigate to **RS-232 Baud Rate** and select *9600* for the CareTone stethoscope or *19200* for the StethOne stethoscope. If you hear loud pops, clicks, or static, verify that you selected the correct bit rate for the device.