

Telemedicine
Stethoscopes



ri-sonic®

PCP-USB Electronic Stethoscope
PCP-1 Electronic Stethoscope

The Riester **ri-sonic**® PCP-USB and PCP-1 stethoscopes were designed specifically for conducting telemedicine auscultations. This can be done remotely, in real time or through asynchronous sharing of recorded files.

Heart disease remains the worlds number one cause of mortality with pulmonary and respiratory associated disease ranked in the top five. *

* <https://www.who.int/news-room/fact-sheets/detail/the-top-10-causes-of-death>



The need for remote diagnostics, exacerbated by the COVID-19 pandemic, has never been more acute.



Use Cases

- › Sub Specialty Consultations
- › Second Opinions
- › Nursing Homes / SNFs
- › Rural Clinics
- › Home Based TeleHealth





ri-sonic[®] PCP-USB

This telemedicine stethoscope with patented piezo sensor technology incorporates a USB plug-and-play computer connection and a chest piece with embedded amplifier, analog-to-digital converter(ADC), encoder and USB interface. All audio handling is built into the stethoscope and is not dependent on the audio circuitry of the computer or device, insuring consistent, high quality auscultations across all locations.

Key Features

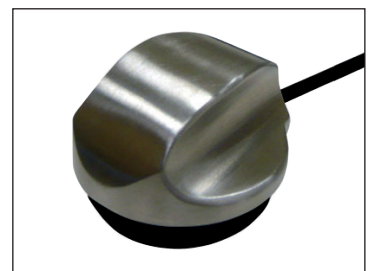
- › PCP-USB & PCP-1 Stethoscopes Plug Directly into Computers, Laptops, Tablets and Mobile Platforms
- › Patented Piezo Technology Provides High Quality Sound with Minimal Distortion or Artifacts
- › Easy to Use - No Confusing Dials, Buttons or Controls
- › Stable - Minimal Power and Bandwidth Requirements
- › Use Standalone or with Optional (But Recommended) Software

PCP-USB

Stethoscope connects to computers or devices via a standard USB port. Phantom power is drawn from the USB port so no batteries or external power is needed.

PCP-1

Stethoscope connects to a computer or device via a 3.5 mm mic port. It also does not need batteries or external power to operate.



TECHNICAL DATA

Mode of operation:	This product may be used in continuous operation
Electrical protection:	Class II protection against electrical shock
Model:	ri-sonic [®] (PCP-USB) USB plug ri-sonic [®] (PCP-1) 3.5 mm stereo plug
Voltage:	Input: 2 V - 5 V DC
Classification:	Type BF applied part
Weight: PCP-USB, PCP-1	180 g, 145 g
Operating conditions: PCP-USB, PCP-1	5°C to 40°C at a water vapor pressure up to 50 mbar, a relative humidity range of 30% to 75%
Storage and transport conditions: PCP-USB, PCP-1	-25°C to 35°C, > 35°C to 70°C at a water vapor pressure up to 50 mbar, a relative humidity range of 0% to 90%
Air-pressure: PCP-USB, PCP-1	700 hPa to 1060 hPa
Intended Use:	ri-sonic [®] Electronic Stethoscopes are intended for use to enable a clinician to listen to internal body sounds, such as heart and lung sounds, of a patient.
MDD Class:	Class IIa

ORDERING INFORMATION

Item Number	Description	Box Qty.
4300	ri-sonic [®] PCP-USB Bulk Packed	1
4301	ri-sonic [®] PCP-USB Retail Box	1
4310	ri-sonic [®] PCP-1 Bulk Packed	1
4311	ri-sonic [®] PCP-1 Retail Box	1

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