



ri-sonic[®]



The Riester **ri-sonic**[®] PCP-USB and PCP-1 electronic stethoscopes are designed to provide auscultatory sound via Telemedicine, computer or through mobile device platforms. This can be done in real time remotely or through sharing of recorded files.

Heart disease remains the world's 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>



Auscultate anywhere with the ri-sonic® electronic stethoscope. In clinic, at home, remotely, or on the go. Providing complete flexibility in application. Potentially reducing cost, time, and better access to patients.

Designed and optimised for Telemedicine use

The **ri-sonic®** electronic stethoscope has been designed and optimised specifically for Telemedicine use

- › Teleconsultation
- › OEM / VAR's (Value Added Resellers)
- › Tele-expertise
- › Telemedicine Booths / Units
- › Covid-19 Contactless Consultation
- › Mobile Telemedicine stations





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PCP-USB Electronic Stethoscope
PCP-1 Electronic Stethoscope

The need for remote access to patients on demand is increasing globally and being identified by health care systems as a distinct benefit; potentially improving patient outcomes, reducing cost and time.

All the quality of a traditional stethoscope, but with state-of-the-art technology

- › The PCP-USB or PCP-1 stethoscope plugs directly into any mobile platform, PC or tablet computer
- › Uses patented piezo technology for picking up body sounds with minimal background artefacts
- › Easy to use electronic stethoscope, no buttons or dials
- › No batteries needed
- › Ergonomic design

PCP-USB

Stethoscope uses a chest piece that includes an embedded amplifier, A/D Converter, Encoder and USB interface



PCP-1

Stethoscope uses a chest piece that plugs into the Microphone port of a PC, tablet or phone



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	
ri-sonic® PCP-USB	180 g
ri-sonic® PCP-1	145 g
Operating conditions	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	-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	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
4300	ri-sonic® PCP-USB, USB-A Connector, 1.8 m Cable, Polyethylene Bag in Plain Box
4301	ri-sonic® PCP-USB, USB-A Connector, 1.8 m Cable, Retail Box
4304	ri-sonic® PCP-USB, USB-A Connector, 4 m Cable, Polyethylene Bag in Plain Box
4305	ri-sonic® PCP-USB, USB-A Connector, 4 m Cable, Retail Box
4310	ri-sonic® PCP-1, TRS Audio Connector, 1.4 m Cable, Polyethylene Bag in Plain Box
4311	ri-sonic® PCP-1, TRS Audio Connector, 1.4 m Cable, Retail Box

Riester has many different **ri-sonic®** variants to suit many different connection standards, from PC to mobile devices, with the inclusion of a separate adaptor.

4307	ri-sonic® PCP-USB, USB-C Connector, 1.8 m Cable, Retail Box
4309	ri-sonic® PCP-USB, USB-A Connector, 1.8 m Cable, Retail Box, with IOS Lightning adapter
4313	ri-sonic® PCP-1, TRRS Audio Connector, 1.4 m Cable, Retail Box
4315	ri-sonic® PCP-1, TRS Audio Connector, 1.4 m Cable, Retail Box, with TRS to USB-C Adapter
4317	ri-sonic® PCP-1, TRRS Audio Connector, 1.4 m Cable, Retail Box, with TRRS to USB-C Adapter

Reference to retail box



Apple Lightning on USB Adapter
USB-A to Lightning Adapter (A1440)



TRS to USB-C Adapter (SR-C2003)
Saramonic SR-C2003
*Android devices require OTG



Rode SC4 3.5 mm TRS to TRRS Adapter
TRS to TRRS Adapter (Rode SC4)



TRRS to USB-C Adapter
*Android devices require OTG