



**ri-sonic**<sup>®</sup>

PCP-USB Electronic Stethoscope

PCP-1 Electronic Stethoscope



The Riester **ri-sonic**<sup>®</sup> 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>



The need for remote diagnosis and contact free consultation has never been more acute, exacerbated by the COVID-19 pandemic.

## Advancing Auscultation in Application

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





## ri-sonic<sup>®</sup>

PCP-USB Electronic Stethoscope  
PCP-1 Electronic Stethoscope

The Riester **ri-sonic<sup>®</sup>** is a telemedicine stethoscope with no requirements for a second doctor. Patient can be instructed to position the stethoscope by the Health Care Professional remotely.

## 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
- > No requirements for a second doctor on transmit end. Patients can use the stethoscope on themselves
- > 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

<b>Mode of operation:</b>	This product may be used in continuous operation
<b>Electrical protection:</b>	Class II protection against electrical shock
<b>Model:</b>	<b>ri-sonic</b> <sup>®</sup> (PCP-USB) USB plug <b>ri-sonic</b> <sup>®</sup> (PCP-1) 3.5 mm stereo plug
<b>Voltage:</b>	Input: 2 V - 5 V DC
<b>Classification:</b>	Type BF applied part
<b>Weight: PCP-USB, PCP-1</b>	180 g, 145 g
<b>Operating conditions: PCP-USB, PCP-1</b>	5 °C to 40 °C at a water vapor pressure up to 50 mbar, a relative humidity range of 30 % to 75 %
<b>Storage and transport conditions: PCP-USB, PCP-1</b>	-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 %
<b>Air-pressure: PCP-USB, PCP-1</b>	700 hPa to 1060 hPa
<b>Intended Use:</b>	<b>ri-sonic</b> <sup>®</sup> 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.
<b>MDD Class:</b>	Class IIa

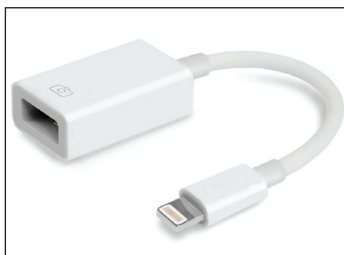
## ORDERING INFORMATION

Item Number	Description
<b>No. 4300</b>	<b>ri-sonic</b> <sup>®</sup> PCP-USB, USB-A Connector, 1.8 m Cable, Plain Box
<b>No. 4301</b>	<b>ri-sonic</b> <sup>®</sup> PCP-USB, USB-A Connector, 1.8m Cable, Retail Box
<b>No. 4304</b>	<b>ri-sonic</b> <sup>®</sup> PCP-USB, USB-A Connector, 4 m Cable, Plain Box
<b>No. 4305</b>	<b>ri-sonic</b> <sup>®</sup> PCP-USB, USB-A Connector, 4 m Cable, Retail Box
<b>No. 4310</b>	<b>ri-sonic</b> <sup>®</sup> PCP-1, TRS Audio Connector, 1.4 m Cable, Bulk Packed, Plain Box
<b>No. 4311</b>	<b>ri-sonic</b> <sup>®</sup> PCP-1, TRS Audio Connector, 1.4 m Cable, Retail Box

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

<b>No. 4307</b>	<b>ri-sonic</b> <sup>®</sup> PCP-USB, USB-A Connector, 1.8 m Cable, Retail Box, with USB-A to USB-C Adapter
<b>No. 4309</b>	<b>ri-sonic</b> <sup>®</sup> PCP-USB, USB-A Connector, 1.8 m Cable, Retail Box, with A1440 Adapter
<b>No. 4313</b>	<b>ri-sonic</b> <sup>®</sup> PCP-1, TRS Audio Connector, 1.4 m Cable, Retail Box, with TRS to TRRS Adapter
<b>No. 4315</b>	<b>ri-sonic</b> <sup>®</sup> PCP-1, TRS Audio Connector, 1.4 m Cable, Retail Box, with TRS to USB-C Adapter
<b>No. 4317</b>	<b>ri-sonic</b> <sup>®</sup> 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)  
Samaronic SR-C2003  
\*Android devices require OTG



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



TRRS to USB-C Adapter  
\*Android devices require OTG

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Please visit [riester.de](https://riester.de) for more information