NOW WITH
3 YEAR
WARRANTY!

ri-sonic®

Electronic stethoscopes

The **ri-sonic®** electronic stethoscopes are designed to capture and transmit auscultatory sounds to compatible computers, mobile devices, and telemedicine platforms when used in conjunction with third-party software applications.

Riester

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

* World Health Organization, The top 10 causes of death. WHO Fact Sheet.

The ri-sonic® electronic stethoscope supports digital auscultation by converting body sounds into electronic signals, helping to reduce reliance on purely subjective listening and supporting more consistent clinical assessment.

Designed to support digital and remote auscultation workflows

The **ri-sonic®** electronic stethoscope is designed to support digital auscultation workflows, including use within telemedicine and remote care environments, when used with compatible devices and third-party software applications.

Supported application examples include:

- Remote clinical consultation and collaboration
- Integration into third-party telemedicine platforms
- OEM and value-added reseller (VAR) solutions
- Tele-expertise and second-opinion workflows
- Fixed or mobile telemedicine stations and booths

ri-sonic®

Electronic stethoscopes for digital auscultation

The adoption of digital and remote care models is increasing globally, supporting new approaches to clinical assessment and collaboration across healthcare settings.

The familiarity of a traditional stethoscope, combined with modern electronic design

- **The PCP-USB and PCP-1 electronic stethoscopes connect to compatible computers, tablets, or mobile devices via wired interfaces**
- **Utilises patented piezo technology to capture heart and lung sounds for electronic transmission**
- **Simple, intuitive design with no buttons or dials**
- **Powered via the connected device, with no internal batteries required**
- **Ergonomic chestpiece design for routine clinical use**

PCP-1 (3.5 mm Audio Jack TRS)

An electronic stethoscope with an analogue audio output via a 3.5 mm microphone connection. Compatible with PCs, tablets, or Android devices when used with compatible third-party audio or clinical software.

PCP-USB (USB-A)

A USB-connected electronic stethoscope featuring a chestpiece with an integrated analogue-to-digital (A/D) converter and USB interface for direct connection to compatible computers or mobile devices. Operation requires compatible third-party software. iOS connectivity may require a suitable USB-A to USB-C or USB-A to Lightning adapter.

PCP-USB (USB-C)

A USB-C electronic stethoscope featuring a chestpiece with an integrated analogue-to-digital (A/D) converter and USB interface for direct connection to compatible USB-C-enabled computers and mobile devices. Operation requires compatible third-party software.

PCP-USB (USB-A with Coiled Cable)

A USB-A electronic stethoscope supplied with a coiled cable to support flexible positioning during use. The chestpiece incorporates an integrated analogue-to-digital (A/D) converter and USB interface for direct connection to compatible computers or mobile devices. Operation requires compatible third-party software. iOS connectivity may require a suitable USB-A to USB-C or USB-A to Lightning adapter.

PRODUCT SPECIFICATIONS

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

4300	**ri-sonic®** PCP-USB, USB-A connector; 1.8 m [70.87 in] cable in plain box
4301	**ri-sonic®** PCP-USB, USB-A connector; 1.8 m [70.87 in] cable in retail box
4304	**ri-sonic®** PCP-USB, USB-A connector; 4 m [157.48 in] cable in plain box
4305	**ri-sonic®** PCP-USB, USB-A connector; 4 m [157.48 in] cable in retail box
4306	**ri-sonic®** PCP-USB, USB-A connector; 0.53 m - 2.2 m [20.87 in - 86.61 in] coiled cable in plain box
4307	**ri-sonic®** PCP-USB, USB-C connector; 1.8 m [70.87 in] cable in retail box
4309	**ri-sonic®** PCP-USB, USB-A connector; 1.8 m [70.87 in] cable with iOS lightning adapter in retail box
4310	**ri-sonic®** PCP-1, TRS audio connector; 1.4 m [55.12 in] cable in plain box
4311	**ri-sonic®** PCP-1, TRS audio connector; 1.4 m [55.12 in] cable in retail box
4313	**ri-sonic®** PCP-1, TRRS audio connector; 1.4 m [55.12 in] cable in retail box
4315	**ri-sonic®** PCP-1, TRS audio connector; 1.4 m [55.12 in] cable with TRS-to-USB-C adapter in retail box
4317	**ri-sonic®** PCP-1, TRRS audio connector; 1.4 m [55.12 in] cable with TRRS-to-USB-C adapter in 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.

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 3.5 mm 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** for more information

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