

CRM

Cardiac Rhythm Management

External Devices

[Quick Reference Guide](#)

Reocor S External Pacemaker



BIOTRONIK
excellence for life

Quick Reference Guide Reocor S

Note: Before using Reocor S, read its user manual, including all safety instructions.

Insert battery

Reocor S must be operated with a 9 V battery, international code IEC 6LR61.

The battery compartment **(9)** is located on the right side of the device, and it is opened by pushing the blue slider upwards and pulling out the drawer towards the right.

To protect the battery poles, a rubber plug can be put on the new battery. Remove it before you insert the new battery.

The preferred pole orientation is marked in the battery compartment. When inserting the new battery you only need to ensure that the battery poles point to the middle of the housing. The position of the plus and minus pole can be selected freely.

Insert the new battery with the bottom down first (without the battery poles) into the battery compartment.



Close the drawer and press the blue slider down until it snaps in place with an audible click.

Optical and acoustic signals

Flashing LED "Low battery" (5)

Meaning: ERI has been reached

Error correction: Replace the battery; about 36 hours of service time remain.

Fast sequence of sounds

Meaning: Impedance outside of the tolerance range

Error correction: Check whether all connectors are securely plugged in. Check whether the leads have the desired position.

Acoustic signal for 2 s

Meaning: A pulse amplitude of $< 1\text{ V}$ or a frequency of $> 180\text{ ppm}$ is set

Error correction: Check whether the set values are suitable for the patient.

Acoustic signal and flashing of the Pace and Sense LEDs

Meaning: High rate protection has been triggered or self-test failed

Error correction: Turn the device off and return it to BIOTRONIK.

Use and operation

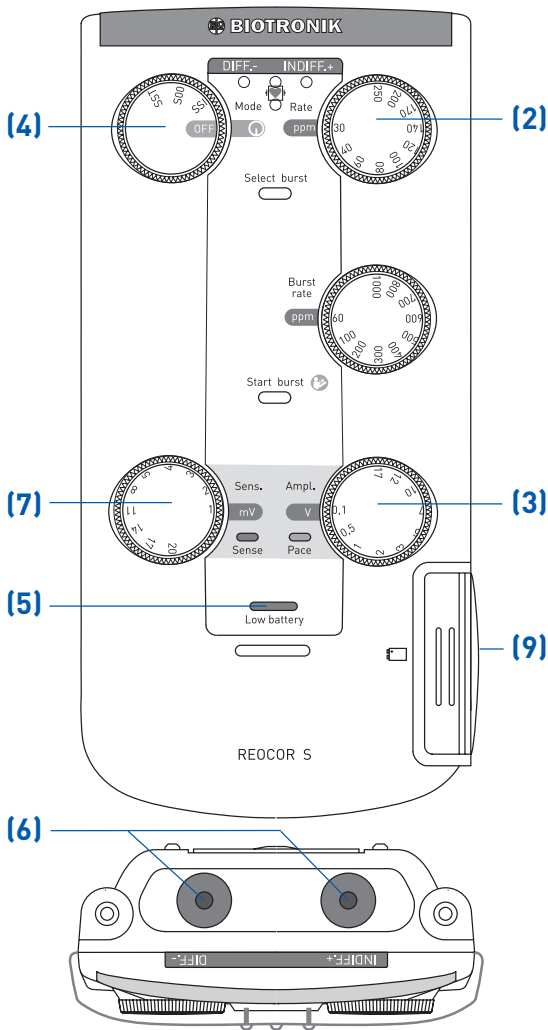
The operating devices of the device are accessible when the transparent protective cover is pushed down all the way.

During use of Reocor S, the heart rate of the patient is to be monitored with an ECG monitor with alarm function.

During use of Reocor S, the protective cover must be completely closed to prevent inadvertent resetting of the programmed parameters.

The operation of Reocor S is identical for all operating modes. The operating steps should be carried out in the following order:

- (1)** Prepare patient: Place the leads but do not connect them to the pacemaker yet.
- (2)** Set the pacing rate with the **Rate** control dial.
- (3)** Set the pacing amplitude with the **Ampl.** control dial.
- (4)** Select the pacing mode with the dial **Mode**. The device will be activated at the same time.
- (5)** If the **Low battery LED** flashes, the battery needs to be replaced. It is possible to exchange a battery while Reocor S is in use. The device remains ready for use for at least 30 s at ambient temperature ($20 \pm 2^{\circ}\text{C}$) when the battery is removed.
- (6)** Connect leads; the yellow **Pace LED** flashes in synchrony with the pacing pulses.
- (7)** Set the sensitivity with the **Sens.** control dial so that the green **Sense LED** flashes in synchrony with every sensed event.
- (8)** Monitor the ECG of the patient and adjust amplitude and/or sensitivity, if necessary.



Lead connection

Reocor S has two connector ports for direct connection of leads with touch-proof 2-mm plugs.

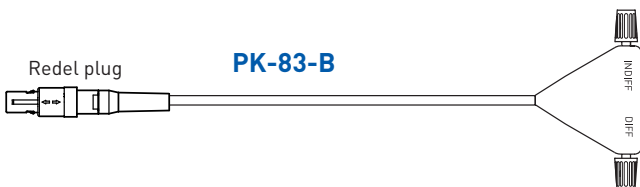
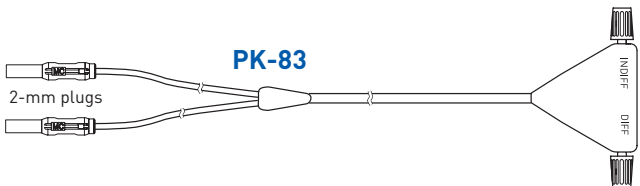
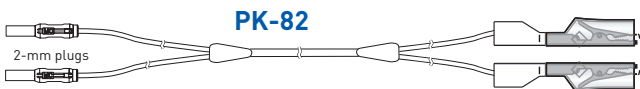
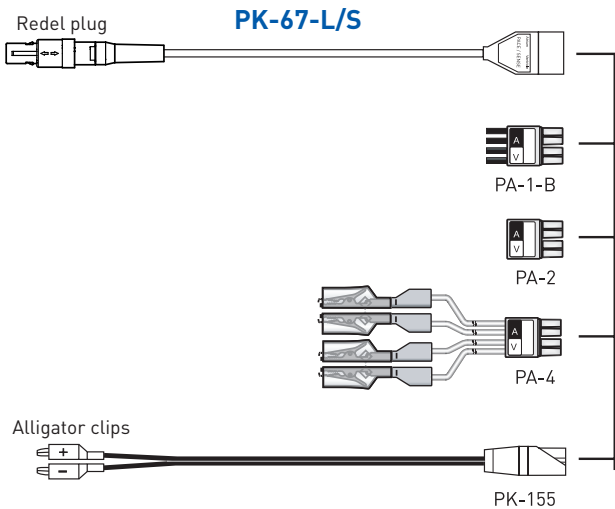
To connect cables with Redel plugs, the Redel adapter must be fitted on the correct side and screwed in. The Redel adapter is attached to the correct side if it can be screwed on to Reocor S.

Patient cable **PK-67-L** (2.6 m) and **PK-67-S** (0.8 m) differ only in length. On the Reocor S side you have a Redel plug (use the Redel adapter) and on the patient side a connection for the adapter **PA-1-B**, **PA-2** and **PA-4** and for the single-use cable **PK-155**.

Patient cable **PK-82** with two insulated alligator clips for temporary leads on the patient side and two touch-proof 2-mm plugs on the Reocor S side.

Patient cable **PK-83** with two insulated screw terminals for temporary leads on the patient side and two touch-proof 2-mm plugs on the Reocor S side.

Patient cable **PK-83-B** with two screw terminals for temporary leads on the patient side and Redel plug on the Reocor S side (use the Redel adapter).



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11-D-49
Revision: D (2011-11-28)



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BIOTRONIK SE & Co. KG
Woermannkehre 1
12359 Berlin . Germany
Tel. +49 (0) 68905-0
Fax +49 (0) 6852804
sales@biotronik.com
www.biotronik.com



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