RBR

MEASURE THE BLUE PLANET

RBR*solo*⁴, RBR*duet*⁴

QUICK START GUIDE

The RBR*solo*⁴ and RBR*duet*⁴ instruments are compact, lightweight, and versatile. They offer flexible measurement schedules, sampling rates up to 32Hz, large memory, and more power for extended deployments.

Included with your instrument

- One or two AA-type battery depending on model
- USB-C cable with adaptor
- O-rings, silicone compound, O-ring removal tool, and reusable desiccant
- USB stick containing Ruskin software and documentation
- Calibration certificates*

* Calibration certificates are available in Ruskin. To download, connect your instrument, go to **Calibration**, and select the **Download** button.



Ruskin software

Find Ruskin software for Mac and PC on the USB stick included with your instrument, or visit rbr-global.com/products/software.

Deploy

1. Connect the USB-C desktop cable to the instrument. The instrument will appear on Ruskin.
2. Select the required **Sampling** mode and speed.
3. Select **UTC** or **Local** to synchronise the instrument clock to the computer.
4. Choose whether to start **Now** or enter your desired **Start** date/time.
5. Ensure the **Battery** selection reflects the chemistry installed.
6. Review the estimated **End** date to ensure it fulfils the deployment requirements. Longer deployments can be achieved with better battery chemistry or lower sampling speeds.
7. Select **Enable** to start the deployment.

Download

1. Connect to the instrument.
2. Select **Download**.

Deployment checklist

RBR ships the RBR compact instruments with new, highest capacity compatible batteries, a fresh desiccant capsule, and the O-rings installed, so that the instrument is ready for its first deployment.

For any subsequent deployment:

1. Install new batteries.*
2. Install fresh desiccant (orange).

Fresh desiccant  Exhausted desiccant

3. Inspect, clean, replace if necessary, and lubricate the O-rings.

* *Replacement batteries must be the same chemistry and from the same manufacturer as each other.*



Note: Always remove the batteries from the instrument during long-term storage! Doing so will prevent internal damage due to battery leakage and/or corrosion.

Support

To access support within the Ruskin app, navigate to **Help** > **Comment on Ruskin...**.
For technical support, please reach out to support@rbr-global.com, call +1 613 599 8900 (UTC-5), or visit rbr-global.com/support/service.



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