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.

RBR
MEASURE THE BLUE PLANET

RBR*quartz³* Q|plus

QUICK START GUIDE

The RBR*quartz³* Q|plus uses an integrated Paroscientific Digiquartz® pressure sensor. It offers a flexible measurement schedule, standard and burst sampling, large memory, and more power for extended deployments. The RBR*quartz³* Q|plus offers a variety of interfaces, including an internal USB-C port and an optional external port, which can be configured as USB, RS-232, or RS-485.

Included with your instrument

▶ USB-C desktop cable with adaptor
▶ O-rings, silicone compound, O-ring removal tool, and reusable desiccant
▶ Refill adaptor, syringe with stopper, dispensing needle, syringe kickstand, and buffer fluid
▶ External pressure adaptor
▶ Cap screws and hex keys
▶ USB stick containing Ruskin software and documentation
▶ Calibration certificates

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. Open the instrument.

a.

b.

c.

d.
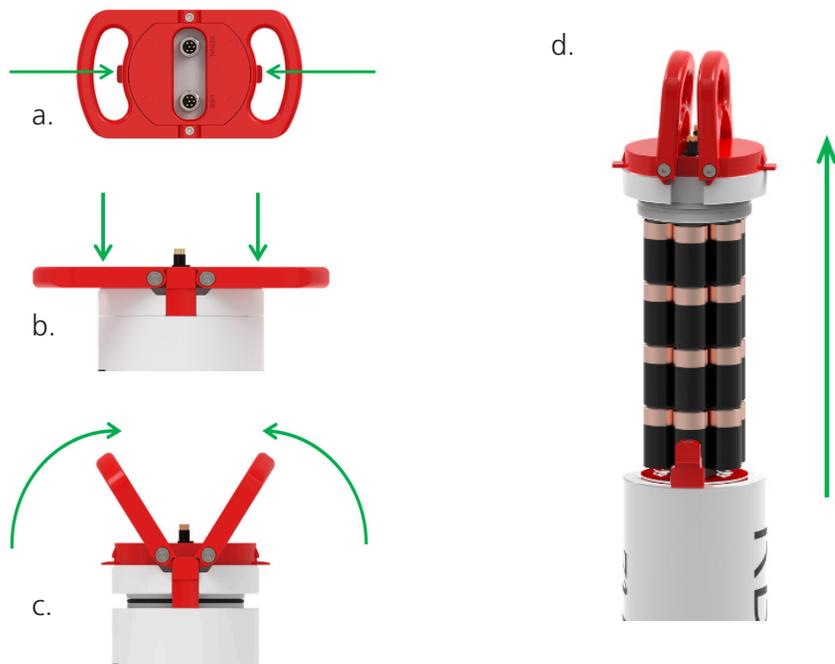
2. Connect the USB-C desktop cable to the port located inside the instrument body.

USB-C port
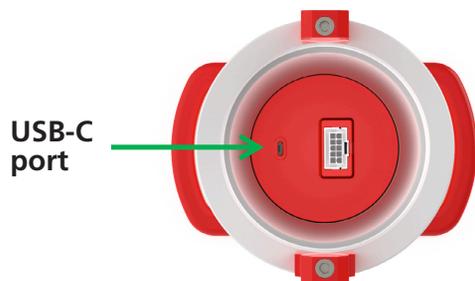
The instrument will appear on Ruskin.

4. Select the required sampling mode and speed.
5. Select "UTC" or "Local" to synchronise the instrument's clock to the computer.
6. Choose whether to start "now" or at a future point in time.
7. 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.
8. Click "Enable" to start the deployment.

Download

1. Open and remove the battery end-cap.
2. Connect to the instrument.
3. Select the "Download..." button and choose a location to store the dataset.

Deployment checklist

RBR ships instruments with new lithium thionyl chloride batteries and fresh desiccant capsules included, and the O-ring installed, so that the instrument is ready for its first deployment.

For any subsequent deployment:
1. Install new batteries.
2. Install fresh desiccant (orange).
3. Inspect, clean, replace, and lubricate the O-ring.

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.