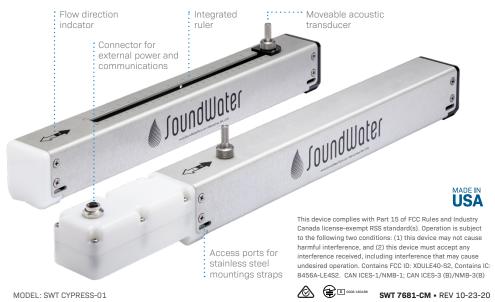
SoundWater

Quick Start Guide

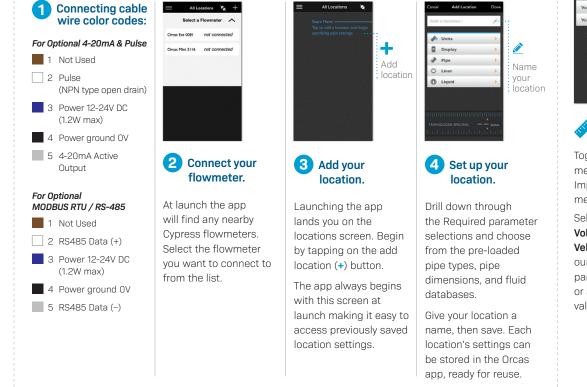
Welcome to SoundWater Cypress CM[™].

This guide shows you how to download the Orcas app and helps you set it up and connect to the Cypress CM Flowmeter to start taking measurements.



Let's get started

Begin by wiring power-use the wire color codes shown below (for your supplied connecting cable). After your flowmeter is powered, download the SoundWater Orcas app to your Bluetooth enabled iOS™ or Android[™] mobile device from the App Store[™] or Google Plav[™].





Vnits

Togale between metric and Imperial units of measure. Select Flow Rate. Volume, and Velocity from our pre-loaded parameter values or add custom values.

Pipe and liquid parameter selection and input screens











Drag and drop the measurement types that you rely on most to display on the main screen.

Pipe & Liner

Select Pipe Type, Size and Wall Thickness from our pre-loaded library. If you don't see your exact pipe type, select a similar pipe, size, and wall thickness. Then, at the bottom of the screen, you may manually edit the pipe dimensions to your specific configuration.



Select Liquid Type and Temperature from pre-loaded values.

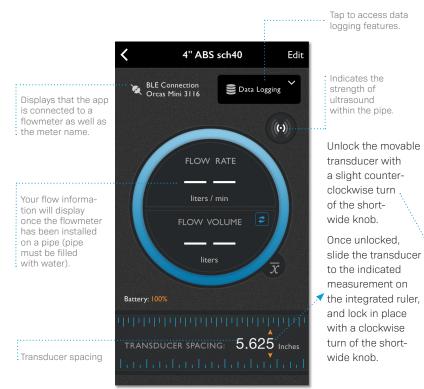


Select the Outputs menu to setup any optional hardware outputs such as MODBUS, 4-20 mA, and pulse outputs.

The image above displays the MODBUS RTU setup options.

Parameters all set! Now set your transducer spacing.

With your location parameters completely defined the app will now show a transducer spacing at the bottom of the screen. Use this value to set the position of transducers on the Cypress flowmeter.





180 degrees apart. Simply aligning by eye is sufficient—but do your best!

the transducers firmly against the pipe.

Measure flow!

Refer back to the Orcas App to get your flow measurements.

Or, wire the MODBUS RTU output to any PLC/SCADA system to record flow.



Support

Email SoundWater Technologies at support@soundwatertech.com or call 1-509-899-7838

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