

Getting Started with the RiverPro/RioPro ADCP

Step 1

Verify all parts are present

The standard RiverPro/RioPro includes:

- RiverPro or RioPro ADCP
- Serial Cable (RiverPro only)
- Shipping case
- Spare Parts Kit
- Software and Documentation download instructions
- Check packing slip for additional options



Step 2

Download the Software and Documentation

See Deployment Guide for details:

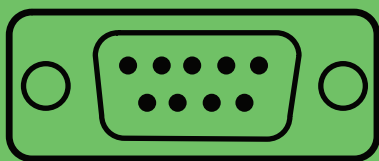
- Install WinRiver II
- Install TRDI Toolz
- Install any optional software (Q-View, SxS Pro)
- Download RiverPro/RioPro documentation



Step 3

Communication and Power Setup

See the Deployment Guide for detailed instructions.



With the Bluetooth modules used since August 2017 (or a repaired older unit where the Blue-tooth module was replaced) you may need to use Mode 0 and Authentication (not Encryption). The pin code is 0000 (four zeros) and click Apply.

The pin code is 0 (zero) for systems shipped prior to August 2017.

Step 4

Read the Deployment Guide



PRODUCT FEATURES

- A 20-degree beam, allowing users to collect data closer to the bottom
- A 600 kHz 5th beam collects true vertical velocity with a calibrated RSSI (return signal strength indicator) and range to bottom
- Fully integrated GPS for geo-referencing
- Auto-adaptive sampling, which quickly provides accurate discharge measurements without the need for user configuration
- A manual override, which allows advanced users the ability to fully customize their system setting as an alternative to auto-adaptive sampling



OPTIONS

Combine your RiverPro with Teledyne RDI's **Q-View software** for unmatched measurement quality.

SxS Pro is a stationary ADCP discharge data collection and processing program.

The RiverPro1200 is designed to fit into our **RiverRay float**, and the **Riverboat** fits the Teledyne RiverPro600 and RioPro ADCP. All required cabling, batteries, and antennae are included with the float for easy plug-and-play operation. Electronics are located below deck in a watertight compartment.

The **High Speed Riverboat** advanced hull design allows the boat to slice through standing waves and still maintain instrument position and data collection.

The **Cable Chimp II** remotely moves across the line to pull your tethered boat across the waterway at the perfect transect speed.

The innovative **Ousel Board** is designed to use the natural flow of the water to get the line to the other side of the river.