

Velocitek RTK User Guide

2026 NYYC Women's International Championship

1. Collect your event supplied hardware each morning at the tent. The equipment is pre-assigned to your boat.
2. **Turn on your RTK Puck (short press of the bottom power button and a green light turns on. DO NOT hold the power button to turn on),** and ProStart before leaving the mooring — they'll pair automatically once both are powered on and in range. Keep the Puck pinned in its bracket and the ProStart snapped in its cradle all day.
3. About 10 minutes before the first warning, the RC will announce when the signal and pin boats are on station and transmitting position. Until then, your ProStart will display "- - -" for distance to line.
4. Before every warning signal, the ProStart automatically switches to start mode and begins counting down to your start.
5. If clear at the start, the ProStart automatically switches to race mode (COG/SOG) and the RTK Puck LED ring lights green.
6. If OCS at the start, the ProStart shows "OCS" (top line) and your negative distance to line (bottom line), with the RTK Puck LED red. As you restart, the distance counts up toward zero (-4, -3, -2, -1, 0); at 0, "OCS" clears, the ProStart switches to race mode (COG/SOG), and the LED ring on the Puck turns green.
7. Between races, the ProStart stays in race mode until the RC schedules the next start.
Note: COG shows "- - -" if SOG is under 1 knot.
8. **To turn off:** hold the ProStart's power button (center top) 5 seconds until it displays "bye"; **hold the RTK Puck's power button (bottom) 8 seconds.**
9. After racing each day, please return your RTK Puck and ProStart to an event volunteer or Velocitek rep at the tent.

Need more help? Troubleshooting steps are on the next page.

Troubleshooting

Pairing the ProStart and RTK Puck:

1. Turn off ProStart by pressing and holding the power button until the screen displays "bye"
2. Make sure you are clear of other RTK Pucks (ProStart will pair with the closest one)
3. Turn on the ProStart, it will flash "no blu" and then automatically pair with your RTK Puck

Restarting the RTK Puck:

1. Remove RTK Puck from its cradle by pulling the pin and sliding forward
2. Press and hold the power button on the bottom of the RTK Puck for 10 seconds
3. Wait 5 seconds
4. Press the power button on the bottom of the RTK Puck to power on again

RTK Puck Status Light Key and Sequence:

1. Pink - Starting up
2. Yellow - On / searching for GPS
3. Blue - On / connected to base station
4. Green - On / connected to base station with RTK fix
5. Purple - GPS fix but no communication from base station