



Quick Start & Setup

1. Mount the Control Box

- Inside cab is preferred (protected location)
- Flat with label facing **UP**
- Indicator lights **PARALLEL** or **PERPENDICULAR** to tank sump
- Control box is threaded for 1/4" – 20 bolts. **DO NOT OVER TIGHTEN, it will damage the box**

NOTE: Proper orientation is required for accurate tilt compensation.

2. Connect Power

- 12-volt **keyed** power source
- Red wire → positive 12V
- Black wire → ground

WARNING: Do **not** connect directly to battery — it will drain it.

3. Install the Tank Sensor

- Plumb at the **BOTTOM** of the tank (same vertical height as tank bottom or slightly below)
- Preferred: sight tube, bung, or new 1" tank bung
- Mount **upright or angled upward** so it drains
- The blue end of the sensor harness plugs into the sensor, keep the white sensor vent tube oriented to prevent it from filling with water or debris

NOTE: Sensor height and location is critical for density compensation.

4. Set Up RemoteXY App

- Download from Google Play or App Store
- Purchase "Buy Forever" license (one-time)
- Add device → Bluetooth → select **Fill Sight**

NOTE: Only one device can connect at a time. Green light = powered. Blue light = connected.

5. Zero the Tilt & Pressure Sensors (one-time)

- Park on level surface
- Open app → Settings → Sensors press → **"Zero Tilt Sensor"**
- Open app → Settings → Sensors press → **"Zero Pressure Sensor"**

You're done! Calibrate the system (see back side). For full details, refer to the Operations Manual.

Calibration Checklist (Critical for Accuracy)

1. Fill tank completely with water.
2. Clean your flow meter and ensure it is in good, accurate working condition
3. Verify suspension (air bags, springs, etc.) is working correctly and not sagging.
4. Verify the Tilt Sensor and Pressure Sensor have both been properly zeroed.
5. Connect to Fill Sight through the Remote XY app.
6. Record full tank volume + current sensor value for the appropriate tilt in the *Calibration Table worksheet*.
7. Spray out in 100 gallon increments.
8. For best tilt compensation: record **Level, Negative Tilt, and Positive Tilt** at the **same physical volume** (drive onto incline or on blocks if necessary to tilt your sprayer).
9. When empty, adjust Tank Volume values on the worksheet so bottom row = **0** (do **not** change Sensor Values).
10. Go to **Calibration** screen.
11. Enter final data into the three calibration tables.
12. Switch the Green (On) / Red On (Off) button that is next to each calibration entry to green for all entries you want to use. If you have entries in the table that are not being used, set them to off (red).

TIP:

Most tanks hold more than rated capacity — start by telling your sprayer monitor you have double the actual gallons, using easy round numbers like 1000, 2000, 3000 etc. If your sprayer monitor reaches 0 and there is still water in your spray tank you will not know how many gallons remain and the calibration will be invalid.

Refer to the manual for a more detailed calibration procedure.

Top Troubleshooting (Most Common Fixes)

Problem	Quick Fix
No Bluetooth connection	- Power cycle sprayer, move closer, check blue light is off - If blue light is on, another device is currently connected
Sensor value jumping	-Make sure the sensor is plugged in -Lower engine RPM on self-propelled sprayers
Volume inaccurate	- Confirm sensor at tank bottom & correct Density selected - Sensor was zeroed prior to calibration with an empty tank
Tilt not working	- Verify Control Box Orientation setting - Re-zero tilt sensor on level ground