

Troubleshooting: Elliptical Trainers

Models: X6100 (EP169), X6200 (EP170), X6200HRT (EP171)

CONSOLE PROBLEMS

Symptom	Solution
No RPM, Speed, or Watts readout	1. Check to see if the RPM sensor is firmly plugged in and positioned properly relative to the magnet on pulley/sprocket 2. Check RPM sensor wire for visible damage. • Replace if damaged (Note: Sensor can be tested for continuity by unplugging sensor wire from main wire harness and passing the magnet over the sensor. The sensor will act like a simple on-off switch when the magnet is present/absent). 3. Check to be sure the magnet is present on the crank pulley/sprocket. (Note: If the magnet is missing, it may be at the bottom of the elliptical). • Glue magnet in place 4. Replace the batteries in the console. 5. Console • Check connector in back of console • Replace console
Symptom	Solution
Console Resets after 5 minutes (Note: this is normal if not pedaling)	1. Verify RPM sensor placement and connections • If damaged, replace sensor/wires 2. Magnet missing from crank pulley/sprocket (Note: If the magnet is missing, it may be at the bottom of the elliptical) • Glue magnet in place

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NOISE PROBLEMS

Symptom	Solution
Clicking, knocking, or thumping noise	1. Check and tighten all bolts on the elliptical trainer 2. Dual-Action models: Lubricate the bushings in the dual action arms 3. Verify roller wheels in good condition • Replace roller wheels if necessary 4. The brake may be rubbing against the flywheel. This only happens at high tension levels and only if the brake has slipped on the frame. • Adjust the brake so the gap between the flywheel and the brake at the highest level is 3mm. 5. Flywheel bearings are bad • Replace bearings or flywheel assembly 6. Crank bearings are bad • Replace bearings or crank assembly • You may have a loose connection at one of the crank pin joints. Tighten all joints to eliminate noise