

Troubleshooting: Elliptical Trainers

X6600HRT & X6600HRT/DA

Erratic console display or magnet moves continuously.

- Remove console mast and visually inspect harness and do continuity check on the wires. Replace wire harness.
- Black counting wheel missing. Replace wheel.
- Brake assembly is defective. Replace brake assembly.
- Console is defective. Replace console.

The console does not light up.

- Check to make sure the bike is turned on. The power switch is located near the power supply.
- Make sure the generator wires are connected.

No change in tension, though display works fine.

- The motor stalls until black counting wheel is manually turned. The motor is bad, replace the brake assembly.
- Console is defective. Replace console

Brake has a clicking of clunking noise when changing tension.

- The inner part of the cam is not lubricated properly or is covered with loc-tite. Apply a Teflon lubricant such as Tri-Flow to the inner part of the cam.
- Cam is defective. Replace brake assembly.

Console Problems

No RPM, speed or watts readouts.

- Check to see if the RPM sensor is in the correct position.
- Check RPM sensor wire for damage.
- Magnet missing from crank sprocket. Glue a new magnet in place.
- Remove console mast and visually inspect harness. Do a continuity check on the black and yellow wires of the black harness. Replace wire harness if it is bad.
- Defective console. Replace console.

HRT console problems

No heart rate read out.

- Center the transmitter on your chest over the sternum, directly against your skin. Moisten the rubber electrodes with several drops of water prior to placing it against your chest (see owners guide).
- Make sure the strap is tight. If the strap is too loose, you will have intermittent readouts.
- The range of the transmitter is about 36 inches. Position yourself so the transmitter is within 36 inches of the console.
- The batteries are weak in the chest transmitter. The voltage on the battery should be no lower than 3.0v.
- Using a HRT elliptical trainer near electrical items may cause interference with the transmission signal to the console. Move the elliptical trainer to another location and the problem will go away.

Troubleshooting: Elliptical Trainers continued

X6600HRT & X6600HRT/DA continued

Noise Problems

A clicking, knocking, or thumping noise can be heard while striding.

- If noise only occurs while pedaling, the idler wheel is not tracking on the belt correctly. Use a wrench to bend the idler arm out or in until the belt tracks on the center of the idler wheel.
- The brake is rubbing on the flywheel. This only happens on high tension levels and only if the brake has slipped on the frame. Adjust the brake so that the gap between the flywheel and the brake at the highest level is 3^{MM}.
- If noise occurs while striding, check the crank bearings. Replace the crank bearings if needed.
- The crank assembly bearings may be loose. If so, they need to be re-attached into the frame with loc-tite. We recommend installing a wavy washer kit or see the crank assembly replacement procedure instructions.
- Check and tighten all bolts on the elliptical trainer.
- Dual-Action models: Lubricate the bushings in the dual-action arms

X6200HRT & X6200HRT/DA

Brake Problems

The tension works in reverse.

- Press and hold start/stop button to reset and start magnet from correct starting position.
- Brake assembly is defective. Replace brake.
- Wire harness is reversed internally. Replace wire harness.

Erratic console display or magnet moves continuously.

- Reset tab does not go to halfway position of photo sensor switch. Loosen two screws that hold reset tab and lower tab.
- Remove console mast and visually inspect harness and do continuity check on the wires. Replace wire harness.
- Black counting wheel missing. Replace wheel.
- Brake assembly is defective. Replace brake assembly.
- Console is defective. Replace console.

No change in tension, though display works fine.

- Inspect photo sensor board and make sure leads from motor plug do not contact metal mounting bracket.
- The motor stalls until black counting wheel is manually turned. The motor is bad. Replace the brake assembly.
- Console is defective. Replace console.

Brake has a clicking or clunking noise when changing tension.

- The inner part of the cam is not lubricated properly or is covered with loc-tite. Apply a Teflon lubricant such as Tri-Flow to the inner part of the cam.
- Cam is defective. Replace brake assembly.

Troubleshooting: Elliptical Trainers *continued*

X6200HRT & X6200HRT/DA continued

Console Problems

No RPM, speed or watts readouts.

- Check to see if the RPM sensor is in the correct position.
- Check RPM sensor wire for damage.
- Magnet missing from crank sprocket. Glue a new magnet in place.
- Remove console mast and visually inspect harness. Do a continuity check on the black and yellow wires of the black harness. Replace wire harness if it is bad.
- Defective console. Replace console.

Console power goes off intermittently.

- Check the power supply connection.
- Check the voltage from the power supply.
- Check the voltage at the outlet.
- Use pliers to center the pin in the power jack. Recheck the connection by wiggling the plug back and forth when the pin is properly centered until the power will stay on.

No Display

- Check the voltage at the outlet.
- Check the power supply connection.
- Check the power supply for correct voltage.
- Check the voltage regulator board for correct voltage.
- Check the wire harness connection.
- Check the wire harness for correct voltage.
- Defective console. Replace console.

Console resets after 5 minutes.

- This is normal if not pedaling. If no RPM readout, the console will reset itself.
- Check for RPM magnet. If missing, replace it.

HRT console problems

No heart rate read out.

- Center the transmitter on your chest over the sternum, directly against your skin. Moisten the rubber electrodes with several drops of water prior to placing it against your chest (see owners guide).
- Make sure that the strap is tight. If the strap is too loose, you will have intermittent readouts.
- The range of the transmitter is about 36 inches. Position yourself so the transmitter is within 36 inches of the console.

No heart rate read out (continued)

- The batteries are weak in the chest transmitter. The voltage on the battery should be no lower than 3.0v.
- Using a HRT elliptical trainer near electrical items may cause interference with the transmission signal to the console. Move the elliptical trainer to another location and the problem will go away.

Troubleshooting: Elliptical Trainers continued

X6200HRT & X6200HRT/DA continued

Noise Problems

A clicking, knocking, or thumping noise occurs while striding.

- If noise only occurs while pedaling, the idler wheel is not tracking on the belt correctly. Use a wrench to bend the idler arm out or in until the belt tracks on the center of the idler wheel.
- The brake is rubbing on the flywheel. This only happens on 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 3^{mm}.
- If noise occurs while striding, check the crank bearings. Replace the crank bearings if needed.
- The crank assembly bearings may be loose. If so, they need to be re-attached into the frame with loc-tite. We recommend installing a wavy washer kit or see the crank assembly replacement procedure instructions.
- Check and tighten all bolts on the elliptical trainer.
- Dual-Action models: Lubricate the bushings in the dual-action arms

Troubleshooting: Elliptical Trainers *continued*

X6000 & X6000DA

Console Problems

Console RPM readout is erratic.

- Batteries are weak. Replace the batteries.
- Reposition the RPM sensor so the magnet crosses just the corner of the sensor.
- Defective console. Replace the console.
- The drive wheel has two magnets. Remove one magnet.

The console only shows time.

- RPM sensor wire is cut. Replace wire.
- Defective console. Replace console.

The console does not show full display in every window.

- Batteries are weak. Replace the batteries.
- LCD display is defective. Replace the console.

Noise Problems

A clicking, knocking, or thumping noise can be heard while striding.

- If noise only occurs while pedaling, the idler wheel is not tracking on the belt correctly. Use a wrench to bend the idler arm out or in until the belt tracks on the center of the idler wheel.
- The brake is rubbing on the flywheel. This only happens on high tension levels and only if the brake has slipped on the frame. Adjust the brake so that the gap between the flywheel and the brake at the highest level is 3^{MM}.
- If noise occurs while striding, check the crank bearings. Replace the crank bearings if needed.
- The crank assembly bearings may be loose. If so, they need to be re-attached into the frame with loc-tite. We recommend installing a wavy washer kit or see the crank assembly replacement procedure instructions.
- Check and tighten all bolts on the elliptical trainer.
- Dual-Action models: Lubricate the bushings in the dual-action arms