

Pendulum Movements

Many faults can occur if a movement is not installed correctly. Please always follow our clear fitting instructions when installing a new movement.

Once the movement has been fitted, we suggest a 20-minute test before the casing of the clock is put back together.

Time Keeping

If you find the clock movement will keep good time when lying flat on a surface but not when vertical, this suggests a lack of power and could be due to one of the following reasons:

1. The battery is not fully powered.
2. The hands being used are larger than 130mm. A more powerful, high-torque movement would be needed.
3. The hands or second-hand pin are catching on the clock face.
4. If a metal hanger is used and the clock is very heavy, pressure can be placed on the shaft, causing the movement to fail.

On the rare occasion that a movement may fail after following the instructions and the test, please check the possible causes below.

1. Check that the battery is a new, high-powered, compatible version that works on a different device.
2. Check that the fitting nut is not too tight.
3. Check that the hand holes are compatible with the movement.
4. Check that the hands are not catching on to each other.
5. Check that the minute hand is no longer than 130mm from the centre of the hand hole to the tip.

If the movement works fine after the test but then fails once the clock has been put back together, please follow the instructions below.

1. Please remove the movement from the clock.
2. Attach the hands to the movement, all pointing to 12 o'clock.
3. Use the winder on the back to make two full rotations of the hands.
4. Insert a brand-new high-powered battery and place the movement flat on a table so the hands are clear and can rotate without catching.
5. Please monitor the time over the next 12 hours and let us know your findings.

Pendulum swing

If you find the pendulum arm will not swing or stops after a while, please try to start by swinging the pendulum manually with your hand. If the swing still does not start, please check the following:

1. Check that the battery is a new, high-powered, compatible version that works on a different device.
2. Check that the pendulum is not too heavy; most movements will drive a pendulum up to the weight of 100g.
3. Check that the pendulum arm is unclipped from the casing.
4. Check that the movement is perfectly positioned vertically; any slight difference can affect the swing.

The pendulum speed cannot be adjusted, but if you find the swing is too rapid, a weight can be added to the pendulum bob to slow down the swing.

If the movement fails after checking the above troubleshooting, please contact us for further assistance via www.dansclockshop.com.