

# **Radio Controlled Movements**

Many different 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 running the movement for 2 hours before the casing of the clock is put back together.

If the hands do not move once the battery is inserted, please make sure the alignment pin has been removed from the back of the movement.

If the hands all make a full rotation and stop at 12, but then do not pick up a signal within 24 hours, please check the possible cause below.

1. Check the correct polarity of the battery.
2. Ensure the clock is at least 6 feet away from a TV, computer, air conditioner, or any electrical household appliances. The optimal location is near a window.
3. There may be an interruption at the transmitter. Wait for a few hours and try again.
4. Due to the signal requirements of these movements, it is important that a fresh, fully charged alkaline battery be used initially and then changed on a regular basis, as a partially charged battery may not be strong enough to receive the radio signal, resulting in the movement not fully functioning correctly.

## **Possible causes of interference:**

- Domestic appliances.
- TV receivers closer than 2 metres.
- Machinery with HF leakage.
- The signal may be affected by mountainous or hilly terrain or adverse meteorological conditions.

If you find the clock will work 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.

If the hands set or advance to the incorrect time, please try the movement reset below.

1. Press the red reset button on the back of the movement and wait for all three hands to fully rotate and stop.
2. Remove the battery.
3. Carefully remove all 3 hands from the movement and replace them positioned at 12 o'clock; do not try manually turning the hands when they are still attached to the movement shaft.
4. Insert the battery.
5. Once the battery is inserted, all hands will quickly advance to 12 o'clock and then stop. They will then automatically synchronise to the correct time; this may take between 3 and 20 minutes but can take up to 24 hours depending on signal strength.

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 fails after checking the above troubleshooting, please contact us for further assistance via [www.dansclockshop.com](http://www.dansclockshop.com).