

Setting Instruction

Radio Controlled Technology Explained

The Radio Controlled mechanism fitted to your clock has a built in receiver, which is tuned to the National Physical Laboratory MSF Transmitter based in Rugby. The time signal received is controlled by a cesium clock and is accurate to within one second every 1000 years.

The advantages of using this technology are:

1. Automatically adjusts the clock for summer/winter time changes
2. Atomic precision - Accurate to within one second every 1000 years
3. Fully Automatic set-up. Simply insert a battery

To Set The Clock

1. Insert 1 x AA battery (not included) into battery compartment. Ensure that the positive and negative symbols are aligned as shown.
2. After a few moments the hands on your clock will automatically move to the 4, 8 or 12 o'clock position. This indicates that the clock is in the receiving mode.
3. The clock will receive the signal and set itself to the correct time. **Note** be patient this can take a while.

Trouble shooting guide

Like any radio receiver your clock needs a good signal to work properly. In some building types the signal may be weak during the day so if possible try to set the clock in the evening or overnight. Your clock will continue to search for the signal and normally reset overnight.

The following are some symptoms associated with 'Defective' Batteries or Radio Controlled Signal failure. For more information on the MSF Transmitter and Radio Controlled time keeping please visit www.npl.co.uk/time

Note: The clock will continue to search for a signal every hour for the first 24 hours after inserting battery.

Note: Electrical appliances, tall buildings etc; may interfere with the Clocks receiver.

Important Note: The Rugby Transmitter is periodically shut down for maintenance resulting in no signal being transmitted. For dates of the schedule maintenance visit www.npl.co.uk/time/mfsoutages.html

Problem - The clock will not receive Radio Controlled signal and will not set to the correct time.

Solution - Check the batteries are new and in good condition.
- Move the clock to another location.

Note: Due to atmospheric conditions and local interference, the signal is stronger between midnight and 4am. Removing/inserting the battery again will help the clock regain signal.

Problem - The clock loses time

Solution - Insert a new battery

Note: The movement uses the most power searching for a signal. To conserve battery life, the clock will search for a signal once a day after it has received a signal.

Problem - What do I need to do when the clocks change for summer/winter time?

Solution - Nothing! The clock will automatically switch to the correct time when the signal is received.

