



## EN RADIO CONTROLLED LCD ALARM CLOCK OPERATING INSTRUCTIONS

Thank you for your purchase of this quality clock. Please read these instructions carefully and keep in a safe place for future reference.

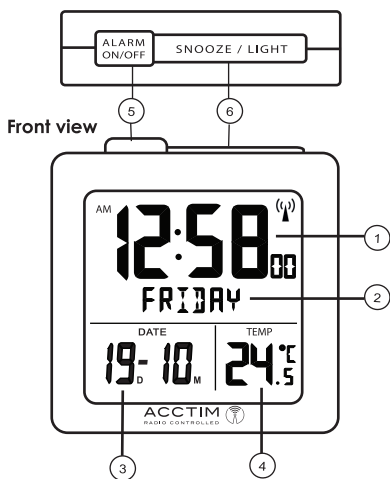
### INTRODUCTION

The Radio Controlled Mechanism fitted to your clock has a built in receiver which is tuned into the National Physical Laboratory MSF transmitter based in Anthorn, Cumbria, UK.

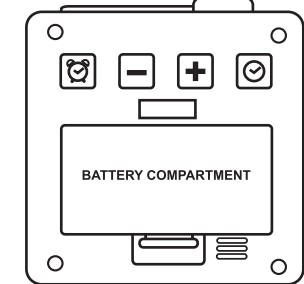
#### The advantages of using this Technology are:

1. Fully automatic set up - simply insert batteries.
2. Automatic adjustment to summer/winter time changes.
3. Automatic precision.

#### Top view



#### Back view



1. Time / Year display.
2. Day of the week.
3. Calendar / Alarm time display.
4. Temperature display.
5. Alarm On/Off button.
6. Snooze / Light button.

### TO INSTALL REPLACE BATTERIES

Open the battery compartment cover and insert 2 X AAA batteries observing the polarity markings inside the compartment. All segments will display briefly and the display will show 12.00 o'clock. The clock will start automatic time signal search and the Radio signal icon '📶' will flash.

If the clock receives the time signal it will set automatically within 10 minutes and the Radio signal icon will remain on the display.

If the clock does not receive the time signal it can be set manually.

### TO SET THE CLOCK MANUALLY - When the Radio signal icon is flashing, press and hold '—' button to stop the signal icon before setting.

Press and hold '☺' button the '12 Hr' will flash. Press + / - to select 24 Hr mode.

Press '☺' button again '°C' will flash. Press + / - to select a degree in °F. Press '☺' button again the hour digit will flash. Press + / - to set the hour, ensuring AM/PM time is set correctly.

Press '☺' button again the minute digits will flash. Press + / - to set minutes.

Press '☺' button again seconds digits will flash. Press + / - to set seconds.

Press '☺' button again the year digits '2016 Yr' will flash. Press + / - to set the year.

Press '☺' button again, the D & M icons will flash. Press + / - button to change the position of the month & date to date & month.

Press '☺' button again, the month digits will flash. Press + / - button to set the month.

Press '☺' button again, the date digits will flash. Press + / - button to set the date.

Press '☺' button once again to complete.

### DAYLIGHT SAVING TIME

Your clock will automatically adjust to the summer/winter time changes. Summer time starts on the last Sunday in March and ends on the last Sunday in October. The summer time icon 'DST' will automatically appear on the display to indicate summer time.

### TO SET THE ALARM

Press '🔔' button once and the alarm time will flash.

Press + / - button to adjust the alarm to the desired wake up time, ensuring AM/PM time is set correctly.

To accelerate the setting of the desired alarm time press and hold + / - button.

Press '🔔' button once again to complete.

### TO TURN THE ALARM ON/OFF

To activate the alarm press the ALARM ON/OFF button to the raised position. When the alarm is activated the '🔔' icon and alarm time will show on the display.

To deactivate the alarm press the ALARM ON/OFF button to the down position. When the alarm is deactivated the '🔔' icon will disappear and date will show on the display.

When the alarm sounds press any button (except the SNOOZE/LIGHT) to stop the alarm until same time next day.

### USING THE SNOOZE FEATURE

When the alarm sounds, press the SNOOZE/LIGHT button to snooze the alarm for approximately 5 minutes. To stop the snooze function, press any button (except the SNOOZE/LIGHT).

### TO USE THE DISPLAY LIGHT

Press the SNOOZE/LIGHT button to activate the display light.

### MSF RECEPTION DIFFICULTIES

Like any receiver your clock needs a good signal to work properly.

The main causes of reception failure are...

Atmospheric and local interferences.

Interference from electrical equipment e.g. TV, computers or radios.

Location of the clocks internal receiver within the building.

Reduced local signal due to steel framed structure.

Outside the normal transmission.

### The following suggestion may help improve reception of the MSF signal:

Try rotating the clock as the internal receiver that picks up the signal is most effective when it is facing directly towards or away from Anthorn.

Try moving your clock to a new location away from any electrical equipment e.g. TV, computer or radios, and start the set up again after 5.30pm. Due to local interference the signal is stronger between midnight & 5am.

**Note:** The clock will automatically search for the time signal everyday at 2:00am. If it fails to receive the time signal at 2:00, it will search again at 3:00, 4:00 and 5:00am.

If the signal is weak and your clock does not set, move the clock to a new location, press and hold '—' button for 3 seconds to start the radio controlled signal search.

### Interruption to the MSF signal

The Anthorn transmitter is periodically shut down for scheduled maintenance resulting in no signal being transmitted. For dates of the schedule maintenance visit <https://www.npl.co.uk/msf-signal>

### CHANGING THE BATTERIES

It is recommended that you replace batteries annually even if the product is still running. Only use 2 x AAA (1.5V) Alkaline batteries in this clock. Do not mix old and new batteries. Insert the batteries with the correct polarity. Remove exhausted batteries from the clock. Remove the batteries if the clock is stored or not in use.

Warning: Do not charge non-rechargeable batteries.

Please dispose of used batteries in a responsible manner. For more information please contact your local authority.

### MAINTENANCE

A soft cloth may be used to clean your clock. Do not use any corrosive cleaner or chemical solutions on the clock. Keep the clock clean and dry to avoid any problems.

### YOUR GUARANTEE

Your clock is guaranteed for 2 years from the date of purchase against any faults arising from defective materials or manufacture. Damage caused through careless handling, misuse or in transit is expressly excluded. Should this clock fail within 2 years please return it back to your retailer.

### Environmental Protection

#### Disposal of electrical & electronic equipment

Do not dispose of this product with household waste. For the proper treatment, recovery and recycling please take this product to the appropriate collection point. If you are unsure of where this is contact your local authority. Improper disposal may be harmful to the environment.

