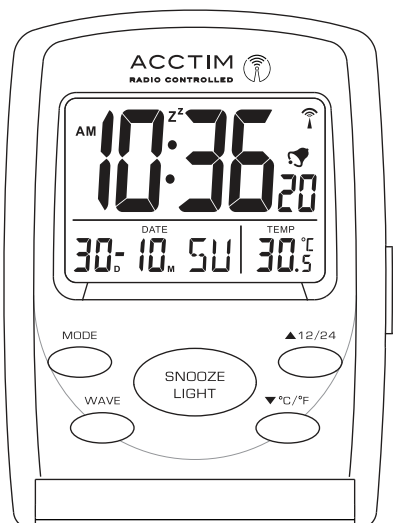


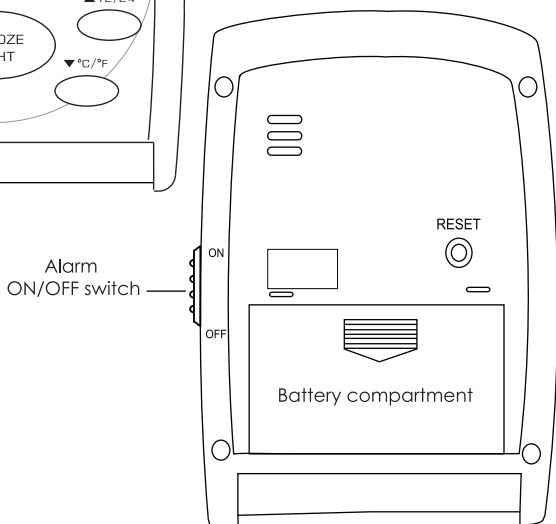
## EN RADIO CONTROLLED LCD ALARM CLOCK OPERATING INSTRUCTIONS

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

Front view



Back view



### RADIO CONTROLLED TECHNOLOGY

The radio controlled mechanism fitted to your clock has a built in receiver which is tuned to the National Physical Laboratory (NPL) radio signal, called MSF, which is transmitted from the Anthorn radio station in Cumbria, UK. The MSF signal is broadcast on a frequency of 60kHz and carries a time and date code that radio controlled clocks use to set themselves to the correct time. The time signal received is controlled by cesium atomic clocks and is accurate to within one second every 1000 years.

### AUTOMATIC SET-UP

Remove the protective film from the LCD screen. Insert 2 x AAA batteries observing the polarity markings inside the compartment. All segments will display briefly and the clock display will show 12:00. The clock will automatically search for the time signal and the radio signal icon 'Ⓜ' will flash. If the clock receives the time signal it will set automatically within 7 minutes and the Radio signal icon will remain on the display. Note: The DST icon will display during daylight saving time.

**Note:** It is recommended that you leave the clock overnight for searching the time signal since the night time allows better transmission of MSF signal reception.

When the clock receives the signal, to maintain accuracy it will search for the signal at 2am, 3am, 4am and 5am.

**Note:** In Normal Status - If the clock does not receive the MSF Signal during initial set-up or at the change of Summer/Winter time you can:

### SET THE CLOCK MANUALLY

Press and hold the MODE button for 3 seconds, the hour digits will flash. Press ▲ or ▼ button to set the hour, ensuring AM/PM is set correctly. Press the MODE button once again, the minute digits will flash. Press ▲ or ▼ button to set the minute. Press the MODE button once again, the seconds will flash. Press ▲ or ▼ button to set at 00. Press the MODE button once again, the year digits will flash. Press ▲ or ▼ button to set the year. Press the MODE button once again, the D (date) and M (month) digits will flash. Press ▲ or ▼ button to switch the month and date display. Press the MODE button once again, the month digits will flash. Press ▲ or ▼ button to set the month. Press the MODE button once again, the date digits will flash. Press ▲ or ▼ button to set the date. Press the MODE button again, the time zone digit '0' (UK time) will flash. If you would like your clock to display a different time zone e.g a location abroad - Press ▲ or ▼ button to automatically adjust the hour digits to the correct time zone you have selected. Press the MODE button once again to exit.

### RCC BUTTON

Press and hold the WAVE button for 3 seconds and the radio signal icon 'Ⓜ' will flash. The clock will automatically search for the signal. Press the RCC button for 3 seconds to stop the signal search.

## 12/24 HOUR FORMAT

In normal time mode, press the '12/24' button to select between 12/24 hour format.

## SELECT TEMPERATURE IN DEGREE °C OR °F

In normal time mode, press the '°C/°F' button to select °C or °F.

## SETTING THE ALARM

Press the MODE button once to display the alarm time, the AL icon will show.

Press and hold the MODE button until the hour digits flash.

Press ▲ or ▼ button to set the alarm hour, ensuring AM/PM is set correctly.

Press the MODE button once again, the minute digits will flash.

Press ▲ or ▼ button to set the minutes.

Press the MODE button to exit.

## TO TURN ON/OFF OR VIEW ALARM

Slide the ALARM ON/OFF switch to turn on/off the alarm. The bell icon will display when the alarm is on.

## SNOOZE FEATURE

When the alarm sounds, press the SNOOZE/LIGHT button to snooze the alarm, the Zz icon will flash. To stop the snooze function, press any button (except snooze/light).

## TO USE THE DISPLAY LIGHT

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

## TROUBLE SHOOTING/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, radios.

Location of the clocks internal receiver within the building.

Reduced local signal due to steel framed structure.

Outside the normal transmission.

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

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

Check that the batteries are new and in good condition.

Check that the batteries are inserted correctly.

Place the clock near a window or external wall.

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, computers, radios and start the set up again or remove the batteries and insert again after 5.30pm. Due to local interference the signal is stronger between midnight & 5am.

## 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: [www.npl.co.uk/science-technology/time-frequency/products-and-services/time/msf-outages](http://www.npl.co.uk/science-technology/time-frequency/products-and-services/time/msf-outages)

## CHANGING THE BATTERIES

It is recommended that you replace the 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, different types or brands. Remove the batteries if the clock is stored or not in use. Remove exhausted batteries from the product. Warning: Do not recharge non-rechargeable batteries. Please dispose of used battery 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 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.

