

**INSTRUCTION MANUAL**  
**ACURA & CUBA SERIES RADIO CONTROLLED SMARTLITE™ ALARM CLOCK**

**acclim**  
RADIO CONTROLLED TECHNOLOGY

Thank you for your purchase of this quality Radio Controlled Alarm Clock, please read the following instructions carefully and store them 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. The Time Signal received is controlled by 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. Automatic precision - Accurate to within one second every 1000 years.
3. Fully Automatic set up - Simply insert the batteries.

**SmartLite™ Feature:**  
Your clock incorporates a new innovative technology called SmartLite™ that enables the LCD display to illuminate for easy night-time viewing. The SmartLite™ sensor will automatically turn the SmartLite™ feature OFF in bright environment to protect battery life.

**SMARTLITE™ IS A PATENTED TECHNOLOGY. UK REGISTERED PATENT NO. GB2424885**

**FEATURES:**

- FULLY AUTOMATIC TIME SET-UP
- SMARTLITE™ all night display
- SMARTLITE™ sensor automatically turns OFF light
- TEMPERATURE DISPLAY
- CALENDAR
- 12/24 HOUR FORMAT
- SUMMER TIME INDICATOR
- ALARM
- SNOOZE
- 3 X 'AAA' 1.5V BATTERIES

INDICATOR	STANDARD FOR	INDICATOR	STANDARD FOR
↑	THIS SIGNAL ICON	DAY	MON TO SUN
PM	PM/12HOUR DISPLAY ONLY	☀	SUMMER TIME INDICATION
🔔	ALARM ON BELL ICON	°C	DEGREE CELSIUS
Z	SNOOZE MODE ICON	F	DEGREE FAHRENHEIT
MONTH	MONTH	ALL	PLAIN TIME ICON
DATE	DATE		

**TO START THE CLOCK**

- Open the battery cover at the back of the clock and insert 3XAAA batteries observing the indicated polarity symbols.
- Replace the cover.
- All segments of the display will light up briefly and the display will show 0:00 = 11:11 D TH.
- The clock will automatically search for the Time Signal and the "Time Signal icon" will flash.
- If the clock receives the Time Signal it will set automatically to the correct time within 7 minutes. The Time Signal icon will remain on the display.
- If the clock does not pick up the Time Signal it can be set manually. See "Trouble Shooting".

**NOTE:** The Backlight and Time Set buttons will not work whilst clock is in the receiving mode.

**TO SET THE ALARM**

- Press the ALARM SET button to display alarm time (AL icon will display).
- Press and hold the ALARM SET button for 3 seconds (one hour digit will start to flash).
- Press the ▲ UP & ▼ DOWN button to adjust the alarm hour.
- Press the ▲ UP & ▼ DOWN button to adjust the alarm minute.
- Press the ALARM SET button to complete.

**ACTIVATING THE ALARM AND SNOOZE**

Slide the AL ON/OFF switch to the ON position. The alarm icon (🔔) & (Z) will appear on the display.

The alarm will activate at the preset time and sound for 2 minutes.

**When the alarm activates you may:**

- Press the SNOOZE button and the alarm will stop and sound again after approximately 5 minutes. The symbol (Z) will flash.
- Press the ALARM SET button to turn OFF the alarm until the next day. The 🔔 & (Z) icons will remain still on the display.
- To slide the AL ON/OFF switch to the OFF position to fully shut off the alarm. The 🔔 & (Z) icons will disappear from the display.

**SNOOZE/LIGHT**

Press the SNOOZE/LIGHT button to light the display for a few seconds.

**TEMPERATURE FUNCTION**

Press the ▼ DOWN button select between °C/°F (Celsius and Fahrenheit).

**DAYLIGHT SAVING TIME**

To save having to reset the clock for DST (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 (☀) will automatically appear above the display to indicate summer time.

**RESET BUTTON**

Press to reset the clock. To do this, push a pin through the RESET hole.

**TROUBLE SHOOTING & RADIO CONTROLLED TECHNOLOGY**

The Radio Controlled Clock will start to search for the Time Signal when:

- \* The batteries are inserted.
- \* The Wave button is pressed (Manual Set).

**NORMAL STATUS**

The Clock will search for the Time Signal at the first 7 minutes of each hour 1, 2, 3, 4, & 5am every day (the Time Signal icon will flash). If the clock receives the Time Signal at 1am it will not need to search at 2am or 3am.

If the Time Signal is received, the "Time Signal icon" will remain on the display.

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

**MANUALLY SETTING THE TIME**

- Press and hold the TIME SET button for 3 seconds (the year will start to flash).
- Press the UP ▲ & ▼ DOWN button to adjust year.
- Press the TIME SET button once again (the month will start to flash).
- Press the UP ▲ & ▼ DOWN button to adjust month.
- Press the TIME SET button once again (the date will start to flash).
- Press the UP ▲ & ▼ DOWN button to adjust date.
- Press the TIME SET button once again (the 12/24 hour will start to flash).
- Press the UP ▲ & ▼ DOWN button to select between 12/24 hour format.
- Press the TIME SET button once again (the hour will start to flash).
- Press the UP ▲ & ▼ DOWN button to adjust the hour.
- Press the TIME SET button once again (the minute will start to flash).
- Press the UP ▲ & ▼ DOWN button to adjust the minute.
- Press the TIME SET button once again to complete.

Press the WAVE button once to manually force the clock to search for the Time Signal for 7 minutes, the Time Signal icon will flash.

When the clock is set manually it will automatically attempt to search for the Time Signal for the next 7 minutes at the following times 1, 2, 3, 4, & 5am. (the Time Signal icon will flash). When this is successful, the received time will override the Manual Set Time.

**Important note:** The Antenna Transmitter is periodically shut down for maintenance resulting in no signal being transmitted. For dates of the schedule maintenance visit: [www.acclim.com/eng/now/antenna.htm](http://www.acclim.com/eng/now/antenna.htm)

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 as the signal is stronger between 12am and 5am.

**Note:** Electrical appliances, tall buildings etc. may interfere with the Clock receiver.

**Note:** For more information on the Radio Controlled time keeping please visit: <http://www.npl.co.uk/about-us/technology/time-frequency/products-and-services/time-impl-radio-time-signal/>

**The following are some symptoms associated with 'Defective' Batteries or Radio Controlled Signal failure.**

**Problem:** The clock will not receive Radio Controlled Signal & will not set to the correct time.

**Solution:** Manually force Time Signal search.

**Manually set:** Manually force Time Signal search.

**Manually set:** Manually force Time Signal search.

**Manually set:** Manually force Time Signal search.

**Problem:** The clock loses time.

**Solution:** Manually force Time Signal search.

**Reset the clock:** To do this, push a pin through the RESET hole.

**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 time signal is received.

**CHANGING THE BATTERIES**

It is recommended that you replace the batteries annually even if the product is still running. Only use 3 x AAAA (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 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 abrasive cleaner or chemical solvents on the clock. Keep the clock clean and dry to avoid any problems.

**YOUR GUARANTEE**

Your clock is guaranteed for 12 months 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 12 months please return it in the first instance to your retailer.

**If you have any queries, problems or do not understand any part of these instructions please contact:**

Customer Help Line (01906) 445208 Mon - Fri 9.00am - 4.30pm  
e-mail for service: [service@acclim.com](mailto:service@acclim.com) or visit [www.acclim.com](http://www.acclim.com)

**Environmental Protection**

Do not dispose of electrical & electronic equipment 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.

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