



PRECISION

AP043 - Instruction Manual

The Radio-Controlled Clock

With the Radio-Controlled Clock, you can have the most accurate time within the UK. It can receive the time signal transmitted by VT Communications of United Kingdom, which is regulated by atomic clock and in average deviates less than 1 second in 10 million years. VT Communications transmit the time signal (MSF 60kHz) continuously from Anthorn at latitude 54°55'N and longitude 3°15'W. The main caused of reception difficulties are local interference and screening due to nearby metalwork, for example in a steel-frame building.

For more information, please study the WEB page of VT at: <http://www.npl.co.uk/time/msf>.

Environmental Reception Effects

The Radio-Controlled Clock obtains the accurate time with wireless technology. As with all wireless devices, the receiving ability may be affected by, but not limited to, the following circumstances:

- * Long transmitting distance.
- * Nearby mountains and valleys.
- * Among tall buildings.
- * Near railway, high voltage cables, etc.
- * Near motorway, airport, etc.
- * Near construction site.
- * Inside concrete buildings.
- * Near electrical appliances.
- * Near computers and televisions.
- * Bad weather.
- * Inside moving vehicles.
- * Nearby metallic structures.



Location precautions

This clock receives a radio wave much like a TV or radio. Be sure to locate it near a window or some other locations where reception is good. Avoid the following locations, which can interfere with proper reception:



Inside or near concrete/steel buildings or structures, unless the clock is close/ next to a window (with curtain open).



Next or close to power station.



In moving vehicles (cars, trains, airplanes etc.)

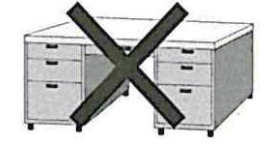
where radio transmission or electronics with reception of the radio-controlled clock.



Too close to household appliances (computer, TV, video/audios, fax machines, speakers).



Near construction sites, traffic lights, neon lights etc.

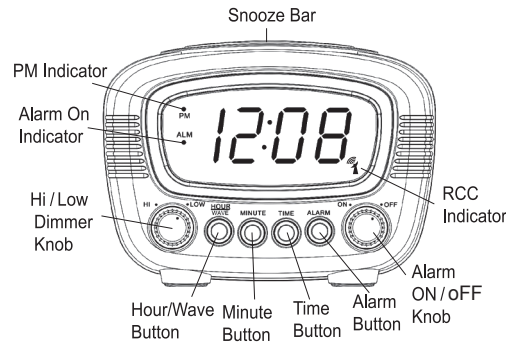


Close to or on top of metal

RADIO CONTROLLED LED ALARM CLOCK OPERATING INSTRUCTIONS User's Instructions MODEL AP043

A. FEATURES


1. Automatic time set up
2. Accurate to 1 second in 10 million years¹ and changes automatically in spring and autumn
3. Large LED display
4. Nine minutes repeating snooze
5. 12 hour format with PM indicator
6. Alarm, and RCC signal indicators
7. Power Supply : AC 230V, 50 HZ BS approved
8. DC 9V battery (back-up), not included.



B. BATTERY INSTERTION

Place one 9V battery into battery compartment for back-up purposes in case of power failure. The LED display will not light but alarm will ring when reaches alarm time. It is advised the back-up battery should be fitted to maintain time and settings.

C. RADIO CONTROLLED FEATURE

Begin by plugging in the AC adaptor into a standard household outlet as indicated. The clock will display time immediately, radio signal reception is initiated and the RCC dot indicator next to  printing on clock lens flashes on lower right side of LED display. After 3-6 minutes, a full RCC dot indicator appears showing that your clock gets a successful reception and automatically sets its time. Reception and time calibration are initiated everyday at 1:00 AM automatically. If the signal is too weak and the clock cannot receive proper time information, reception will be terminated after 12 minutes and the RCC dot indicator disappears. After an unsuccessful reception, trying for reception is initiated automatically at 2:00 AM and 3:00 AM. If the clock fails in radio reception, try to find a better place (near to window) and press and hold the HOUR / WAVE button for 3 seconds. The radio signal reception will be initiated again. Place the clock where minimal electrical disturbance or shielding effects are expected. Try to avoid positioning very close TV sets or computers.

D. TO FORCE RADIO RECEPTION

Press the HOUR / WAVE button for 3 seconds to force the clock to receive the radio signal.

E . SETTING THE TIME MANUALLY

1. Hold the TIME button and press HOUR/WAVE button simultaneously to set the desired hours.
 2. Hold the TIME button and press the MINUTE button simultaneously to set the desired minutes.
- NOTE: The PM indicator will light when the hour is advanced into the PM time.

F . SETTING THE ALARM TIME

1. Hold the ALARM button and press HOUR/WAVE button simultaneously to set the desired hours.
 2. Hold the ALARM button and press MINUTE button simultaneously to set the desired minutes.
- NOTE: The PM indicator will light when the hour is advanced into the PM time.

G. ACTIVATING THE ALARM AND SNOOZE

After setting the alarm to the desired alarm time, you may activate the alarm by moving the ALARM ON/OFF knob to the ALARM ON position. Alarm dot indicator will appear on lower left corner to indicate the alarm has been activated. To activate the snooze function, press the SNOOZE button when the alarm sounds. The alarm will shut off automatically and then sound again 9 minutes later. This snooze process may be repeated over and over.

H. LED DISPLAY BRIGHTNESS CONTROL

Slide the dimmer HI/Low knob to HI position for brighter display. Slide the dimmer HI/Low knob to Low position for normal display.

CARE OF YOUR CLOCK

Clean your clock with a soft cloth or paper towel. Do not use corrosive cleaners or chemical solutions on the clock. Avoid putting the clock in a highly humid environment such as poolside or in a bathroom. Do not expose the clock to direct sunlight, extreme hot or cold temperatures.

Note :

Attention ! Please dispose of used unit and batteries in an ecologically safe manner.


Customer help line 0121 524 1400 (Monday - Friday 9:00am - 5:00pm).

¹For more information relating to Precision radio Controlled products.

Please visit our website www.precisiontimekeeping.com

Email Address : customerservice@peershardy.co.uk

Battery precautions

1. Use only fresh batteries of the required size and recommended type.
2. Do not mix old and new batteries, different types of batteries (standard, alkaline or rechargeable) or rechargeable batteries of different capacities.
3. Never leave dead or weak batteries in the unit.
4. If the unit does not respond to your commands, replace the batteries.
5. If you do not plan to use the unit for several weeks, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.
6. Dispose of batteries promptly and properly. Do not burn or bury them.
7. Non-rechargeable batteries are not to be recharged. Rechargeable batteries are to be removed from the unit before being charged. Rechargeable batteries are only to be charged under adult supervision.
8. The supply terminals are not to be short circuited.
9. Batteries are harmful if swallowed so keep away from young children. Do not remove outer casings.
10.  The WEEE symbol indicates that waste electrical and electronic equipment should not be treated as normal household waste. It should be segregated and recycle when it has reached the end of its life, which can be done free of charge at local Civic Amenities Sites. For your nearest facilities see www.recycle-more.co.uk.

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Email Address: customerservice@peershardy.co.uk

PH Services, Precision House, Unit 4, Startey Way,

Birmingham International Park. Bickenhill Lane, Solihull, B37 7GN



The National Physical Laboratory (NPL) is the UK's home of measurement and the nation's timekeeper. NPL is responsible for operating the national time system and making accurate time available across the UK. The clock you have just received keeps accurate time by picking up NPL's radio signal, called MSF, which is broadcast on 60 kHz from a location in Cumbria. This transmission carries a date and time code that radio controlled clocks use to set themselves to the correct time. The signal is controlled by atomic clocks at the radio station, and is adjusted to keep it in step with the national time maintained at NPL's laboratory in south-west London. For more information visit www.npl.co.uk/time Your clock is controlled by the MSF signal which is synchronized to the national time scale at NPL, making it 'forever a




TIME FROM NPL
forever accurate