



PRECISION

MSF Radio Controlled Alarm Clock

Automatic Time Keeping
Accurate to 1 second in 10 million years
Automatic resetting to summer /winter time

Congratulations on your purchase of this quality Radio Controlled product. Great care has been taken to design and manufacture your clock. Please read these instructions and keep them safely as you may wish to refer to them in the future.

The clocks will set up automatically once you have inserted the battery.

AP020

Instructions & Guarantee

How do I start the clock?

Automatic Set-up

Open the battery compartment and insert the battery (Alkaline AA or LR6). The hands will automatically move to 12 o'clock. The clock will then search for the time signal (this is often referred to as the set-up mode). After receiving the MSF time signal (3-5 minutes) the clock will automatically set to the correct time. During the set-up the clock should not be moved.

If the clock shows 12 o'clock it will continue to search for the time signal. It will try this 12 times, after which time it will exit the set-up function (this can take 15 minutes or more).

If the clock has been unable to receive the time signal it will revert to normal quartz time keeping and show the incorrect time (see manual time setting).

Manual Time setting

Should you have to set the time manually, press the M.SET button for 3 seconds to enter the manual setting mode. For every press of the button the time will advance by one minute. If the button is not depressed for 7 seconds the clock will come out of the manual time setting mode.

Manual Signal Reception

In case the clock displays the wrong time you can manually activate the radio signal search. This is done by pressing the REC button for 3 seconds. All the hands will return and stop at 12:00 and then search for the signal. If the signal is found the clock will reset to the correct time, otherwise the clock will return to the previous time.

Setting and using the alarm

Rotate the alarm set hand in an anticlockwise motion until you reach the desired set time. Slide the alarm on /off switch upwards to engage the alarm. Please avoid to set the alarm hand clockwise motion for it may damage the clock mechanism.

When the alarm time you set is reached, the alarm will beep for 2 minutes.

Press the Light / Snooze button on the top of the clock to engage the Snooze facility. By doing this whilst the alarm is activated you will pause the alarm sound for 5 minutes before it starts again. You can keep doing this until you slide the side button down which will turn off the alarm.

To illuminate the clock

Press the Light / Snooze button to illuminate the clock. The light will be on for 3 seconds.

Important Notice

If the clock keeps showing the wrong time then we advise changing the AA or LR6 alkaline battery. This normally resolves the problem.

Are you having difficulty in setting the clock to the correct time?

Signal strength improves at night, it is recommended to leave the battery inserted, ideally near a window overnight.

Possible interference or faults

Domestic electrical appliances without radio interference suppressors.
TV receivers and computers within 2 meters of the clock
Machinery with high frequency leakage
Outside the normal transmission radius (1200km)
Weather conditions can effect the signal transmission
Metal clad buildings.

There are times during the year when the signal is switched off for maintenance. Please check the following web site for technical information: www.npl.co.uk/time

If you have any problems with this product that cannot be corrected by considering the above then please telephone our Customer Services Helpline on 0121 524 1400 Monday - Friday 9.00am - 4.00pm

CARE OF YOUR CLOCK

Replace the battery promptly when necessary and store the clock without batteries when not in use. The battery should be replaced if the clock fails to keep good time or the light is dim. 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. Do not use rechargeable batteries. Non-rechargeable batteries are not to be recharged. Different types of batteries or new and used batteries are not to be mixed. Only batteries of the same or equivalent type as recommended are to be used. Batteries are to be inserted with the correct polarity. Exhausted batteries are to be removed from the product. The supply terminals are not to be short-circuited. Do not dispose of batteries in fire; batteries may explode or leak.

Note :

Attention ! Please dispose of used unit and batteries in an ecologically safe manner. Customer help line 0121 524 1400 (Monday - Friday 9:00am - 4:00pm). For more information relating to Precision Radio Controlled products. Please visit our website www.precisiontimekeeping.co.uk



National Physical Laboratory

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 synchronised to the national time scale at NPL, making it 'forever accurate'



TIME FROM NPL
forever accurate