

RC460B

Instructions for Ravencourt Radio Controlled Clock

UK Version MSF signal

Starting the clock:

Insert one fresh 'AA' alkaline 1.5v battery. All the hands should run and stop at 12.00 O'clock position. The hands will remain at 12.00 O'clock whilst the clock begins to receive the MSF time setting radio signal. This normally takes less than 15 minutes. If the signal is received correctly the hands will then set to the correct time.

If the clock can not receive the signal it will stay at 12.00 position for several hours and will enter a forced receive mode every hour until the signal is received. If no signal is available in that position the clock will not go to correct time. Signal reception is generally strongest between midnight and 4am so it is advisable to leave the clock overnight before moving it to a different location.

Running after receiving signal :

Once the clock has received the signal and set to the correct time it will continue to keep the correct time using the radio signal.

Summer/Winter time:

When the hour changes for summer or winter time the clock will automatically change to the correct time.

Radio signal reception:

If the location that you hang your clock normally receives good radio signals there should not be a problem, however things that can interfere with MSF signal are:

Metal clad buildings with no windows

Heavy metal bars on windows

Mountainous area

Overshadowing tall buildings

Do not place clock too close to televisions or computer equipment.

Close overhead high voltage cables.

Changing the battery:

Replace battery annually or when the clock no longer has the ability to receive the time signal.

When the new battery is inserted the clock will go to 12.00 O'clock position and start the initial receiving process again.

The clock can be set manually for use where there is no MSF time signal, by pressing the M.SET button, the second hand will momentarily stop then run again, then press and hold M.SET button (If not pressed within 7 seconds the function is over), the hands will run fast until you release the button when desired time is almost reached. You can now press and release the M.SET button to move the minute hand by small amounts until the hands are at correct time.

Pressing the REC button forces the clock into receive mode, the hands will run to 12.00 position until the signal is received and then correct time will be set.

RESET

If think you have accidentally pressed buttons or confused the time signal the clock can be reset .

Short circuiting the two recessed pins in the small round hole on upper left of clock movement will reset the clock to original start up mode.

