

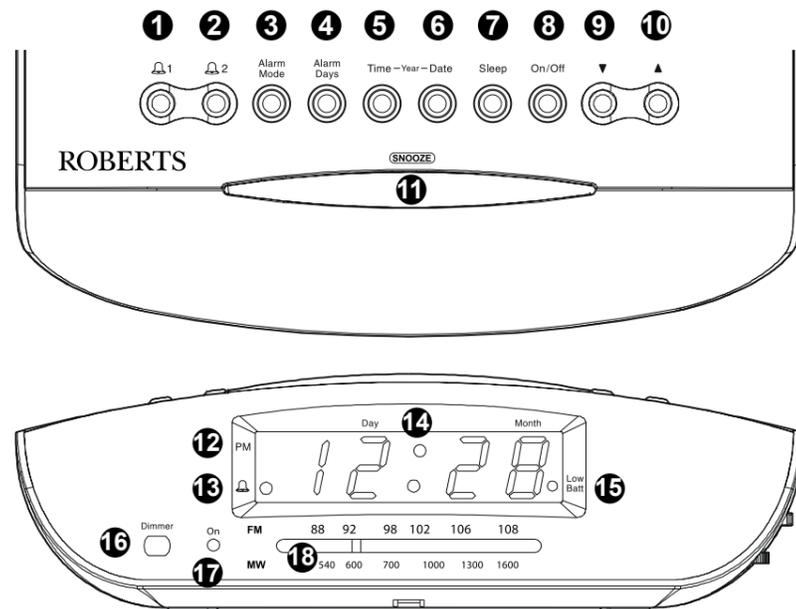
What is in the Box?

Clock radio, CR2032 battery (inside clock radio), quick start guide and warranty/safety leaflet.

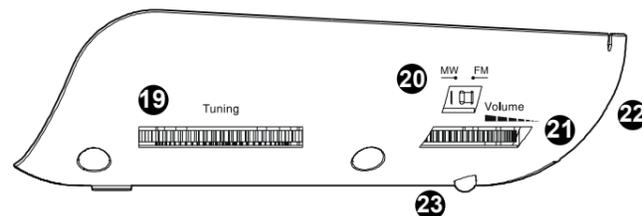
Features

- Automatic date / time set
- Dual alarm with weekday / weekend options
- MW / FM wavebands
- Auto dimmer
- Adjustable sleep timer
- Snooze function
- Alarm on indicators
- Low battery and PM indicators
- Battery back-up for clock/alarm requires 1 x CR2032 (included)

Controls



- | | |
|------------------------------|------------------------------|
| 1 Alarm 1 button | 13 Alarm indicator |
| 2 Alarm 2 button | 14 LED display |
| 3 Alarm mode button | 15 Low battery indicator |
| 4 Alarm days button | 16 Auto dimmer |
| 5 Time button | 17 Radio On indicator |
| 6 Date button | 18 Dial scale |
| 7 Sleep button | 19 Tuning control |
| 8 On / Off button | 20 Wave band selector switch |
| 9 Down button | 21 Volume control |
| 10 Up button | 22 Headphone socket |
| 11 Snooze / Time zone button | 23 Battery compartment |
| 12 PM indicator | |

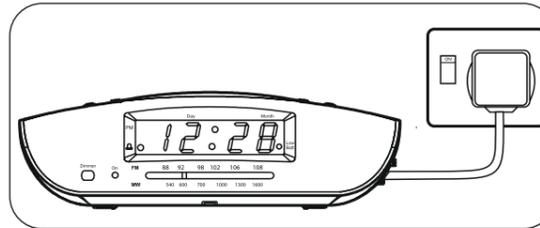


STEP 1 - Plug in & set the time

A - Connect to the mains

Please read the safety leaflet provided before connecting your clock radio to the mains.

- 1 Place your clock radio on a flat surface. Plug the power cord into the wall socket and switch on.
- 2 After a few seconds the time, day and date will set automatically.
- 3 Your clock radio is fitted with a long life back-up battery to maintain the factory set time, day and date. Your clock radio will automatically reset to the correct time should the power source be interrupted. It will also automatically adjust for summer/winter time.

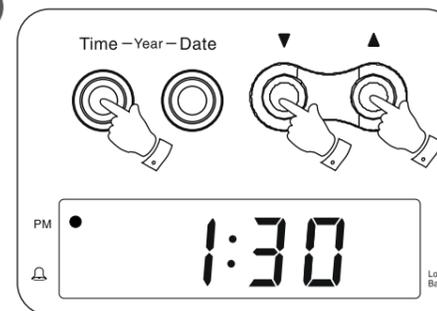


Note: If you wish to disable the automatic summer/winter time option please see overleaf. Also see the section on the Back-up battery overleaf.

Should the time, date or year require adjustment follow the procedure shown below.

B - Setting the time manually

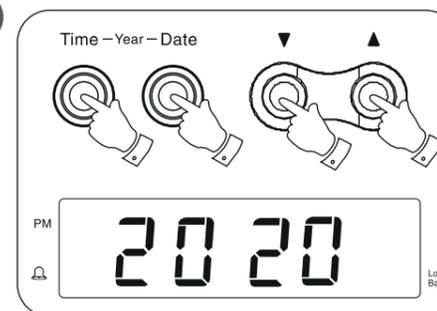
- 1 Press and hold down the **Time** button.
- 2 Whilst holding down the **Time** button press the **Up** or **Down** buttons to set the time. To advance the digits quickly **press and hold** the **Up** or **Down** buttons. Release the buttons when the correct time is reached.



The clock uses a 12 hour display with a **PM indicator**. Ensure that the correct 12 hour cycle is selected.

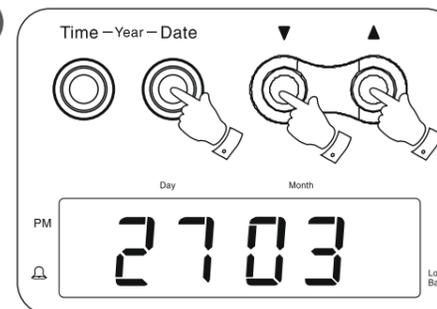
C - Setting the year manually

- 1 To set the year **hold down** both the **Time** and **Date** buttons. The display will change to show the year.
- 2 Whilst holding down the **Time** and **Date** buttons set the correct year by using the **Up** or **Down** buttons. When the **Time** and **Date** buttons are released the display will revert to showing the time.



D - Setting the date manually

- 1 To set the date **hold down** the **Date** button.
- 2 Whilst holding down the **Date** button set the correct date using the **Up** or **Down** buttons.

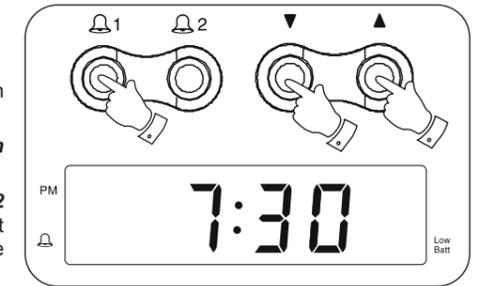


STEP 2 - Setting alarms

A - Setting alarm times

Your clock radio has two separate alarms which can be set to activate at different times.

- 1 Press and hold down the **Alarm 1** or **Alarm 2** buttons.
 - 2 Whilst holding down the **Alarm 1** or **Alarm 2** buttons press the **Up** or **Down** buttons to set the alarm time. Release the buttons when the correct alarm time is reached.
- The clock uses a 12 hour display with a **PM indicator**. Ensure that the correct 12 hour cycle is selected.



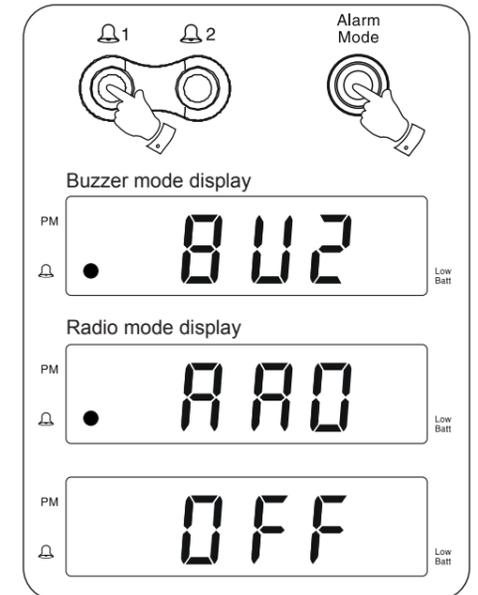
B - Setting alarm mode

The alarms can be set to wake you by either the buzzer or the radio.

- 1 Whilst holding down the **Alarm 1** or **Alarm 2** buttons, repeatedly press and release the **Alarm mode** button until the display shows the required alarm mode e.g. Buzzer (**B U Z**), Radio (**R A D**) or Off (**O F F**). Release the buttons when the required alarm mode is reached. The display will return to showing normal time.

It is possible to set **Alarm 1** to wake to buzzer and **Alarm 2** to wake to radio or vice versa.

The **Alarm indicator** will illuminate when one or both of the alarms are set to either Buzz or Radio mode. The **Alarm indicator** will extinguish when both alarms are set to Off.



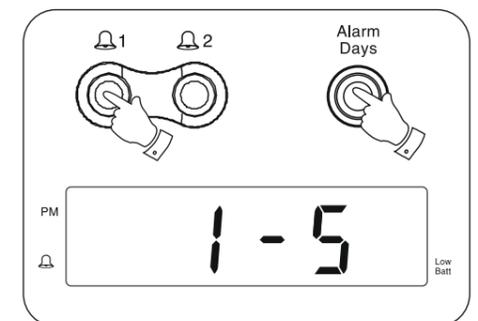
C - Setting alarm day

Your clock radio has five different day options for each of the alarms.

The **Alarm days** are:

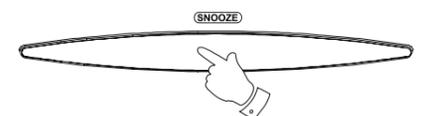
- Weekdays only display shows - 1-5
- Weekends only display shows - 6-7
- Everyday display shows - 1-7
- Monday to Saturday display shows - 1-6
- Sunday only display shows - 7-7

- 1 Press and hold down the **Alarm 1** or **Alarm 2** buttons (depending on which alarm you wish to set the day for).
- 2 Whilst holding down **Alarm 1** or **Alarm 2** buttons repeatedly press and release the **Alarm Days** button. The display will cycle through 1-5 for weekdays, 6-7 for weekends, 1-7 for everyday, 1-6 for Monday to Saturday or 7-7 for Sunday only. The alarm will sound on the selected days at the preset time for 1 hour.
- 3 To cancel an alarm please see overleaf.



D - Snooze

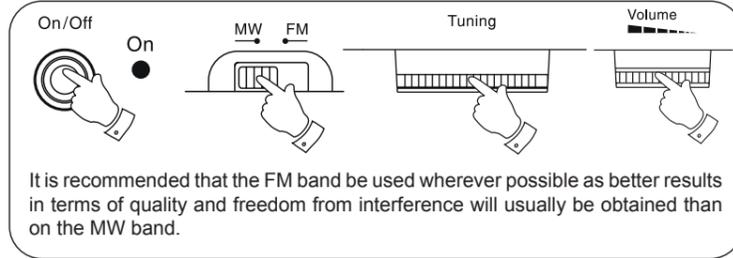
- 1 The radio or buzzer alarm can be silenced for approximately 9 minutes by pressing the **Snooze** button. This sequence can be repeated during the 60 minute alarm period.
- 2 During the snooze interval the alarm indicator will flash.



continued overleaf...

Step 3 - Listening to the radio

- Switch on the radio by pressing the **On/Off** button. The **Radio On** indicator will light.
- Select the required waveband using the **Waveband** switch.
- Tune in to the desired station using the **Tuning** control. Adjust the volume using the **Volume** control.
- The **Wire aerial** located on the rear of your clock radio is for FM reception. The wire should be fully extended and positioned for optimum reception.
For MW reception there is a built in ferrite aerial. Rotate your clock radio to the position giving best reception.
- To switch off the radio, press the **On/Off** button.



Other information

Cancel alarms

- To switch off the alarm until the next selected day press the **On/Off** button.
- To switch off the alarms permanently **press and hold** down the **Alarm 1** or **Alarm 2** button. Whilst holding down the **Alarm 1** or **Alarm 2** button repeatedly press the **Alarm mode** button until the display shows (OFF).



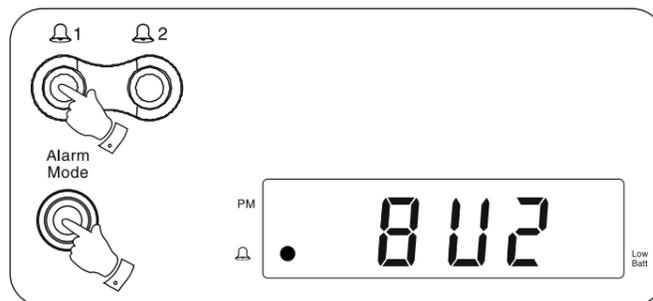
Check alarm times

- Press and hold** down either **Alarm 1** or **Alarm 2** buttons depending which alarm you want to check.
- The display will change from normal time to alarm time. Release the **Alarm 1** or **Alarm 2** buttons to return to normal time. To adjust the alarm time see overleaf.



Check alarm mode

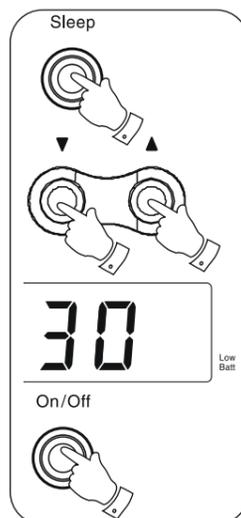
- Press and hold** down either **Alarm 1** or **Alarm 2** buttons depending which alarm you want to check.
- Whilst holding down **Alarm 1** or **Alarm 2** buttons press the **Alarm mode** button. The display will change from normal time to alarm mode. Release the buttons to return to normal time. To adjust the alarm mode see overleaf.



Sleep timer

You can program your clock radio to play the radio for up to 90 minutes and then switch off.

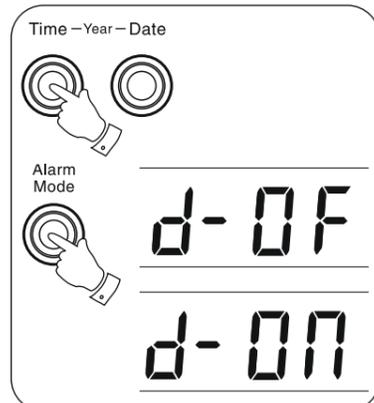
- Press the **Sleep** button. The display will show the sleep time.
- Hold down** the **Sleep** button and increase or decrease the sleep time using the **Up** or **Down** buttons (maximum 90 minutes - minimum 2 minutes).
- To cancel the sleep timer before the sleep time has elapsed press the **On/Off** button.



Disable the summer/winter time option

If you wish to disable the automatic summer/winter time option (also known as daylight savings) please follow the procedure below.

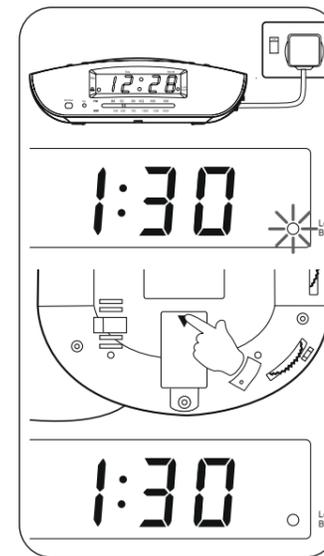
- Press and hold** the **Time** button.
- Whilst holding the **Time** button press and release the **Alarm Mode** button to toggle the summer/winter time option On or Off.



Back-up battery

Please read the safety leaflet provided before using coin button cell batteries. **Important:** Maintain connection to AC mains supply during battery replacement. This will provide power whilst the original battery is removed.

- Purchase a replacement lithium backup battery type CR2032 or equivalent. Remove the new battery from its packaging so that it is ready to install.
- Open the battery cover located on the underside of the clock radio by unscrewing the screw in an anti-clockwise direction.
- Remove old battery from the holder. Replace new battery with + sign facing upwards. Replace the battery cover.
- Check that the 'Battery low' indicator is not lit.



As with all batteries, eventually the built in lithium battery will need to be replaced. A number of factors, such as the length of time between the date your clock radio was manufactured and the date you plugged it in for the first time, determine the amount of time before battery replacement. During this initial storage period the lithium backup battery is supplying power to your clock radio's computer memory. Once you connect your clock radio to the household AC mains supply the battery no longer supplies power to your clock radio's computer memory. A fresh backup battery can supply power to your clock radio's computer memory for 3 years even if it is never connected to a mains supply. If your clock radio was connected to the AC mains supply within a few months after it was manufactured and you experience only short interruptions to the mains supply, your battery may last for up to 5 years or even longer.

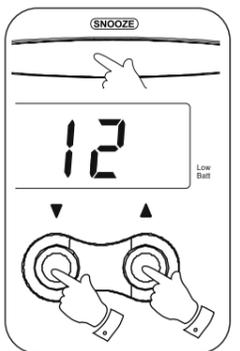
When the battery drops below a certain level the **Low battery indicator** will light. When you see this indicator you should change the battery as soon as it is convenient to do so.

Time zones

Your clock radio is set to UK time zone 12 GMT (UTC). Should you wish to take your clock radio to other countries the time zone will need to be reset. In the event that changes are made to UK time relative to GMT (UTC), you will need to make a onetime adjustment to the correct zone. Following a manual adjustment, your radio will continue to switch automatically between summer/winter time on the currently aligned European dates. Use the chart to select the correct time zone.

In the event that the currently aligned European dates for summer/winter time change, you will need to manually adjust the time.

- Press and hold** down the **Snooze/Time Zone** button - the display will show the time zone currently selected e.g. 12.
- Whilst holding down the **Snooze/Time Zone** button adjust the time zone using the **Up** or **Down** buttons. See below table for details of time zones and their offsets relative to GMT.



Zone	Offset (Hours)	Zone	Offset (Hours)
00	GMT +/-12	12	GMT 0
01	GMT +11	13	GMT -1
02	GMT +10	14	GMT -2
03	GMT +9	15	GMT -3
04	GMT +8	16	GMT -4
05	GMT +7	17	GMT -5
06	GMT +6	18	GMT -6
07	GMT +5	19	GMT -7
08	GMT +4	20	GMT -8
09	GMT +3	21	GMT -9
10	GMT +2	22	GMT -10
11	GMT +1	23	GMT -11

Roberts

CR9971

MW / FM dual alarm clock radio



Headphone socket

A 3.5mm **Headphone** Socket located on the rear of your clock radio is provided for use with headphones. Inserting a plug automatically mutes the internal loudspeaker. Please be aware that the sensitivity of headphones can vary widely. We therefore recommend setting the volume to a low level before connecting headphones to the clock radio.

Troubleshooting

In case of malfunction due to electrostatic discharge, it may be necessary to reset the product to resume normal operation. This may generally be performed by turning the unit off and on. In some cases a more complete reset may be needed, by removing all sources of power (battery and mains) when turned off.

Specifications

Power requirements

Mains 230V ~ 50Hz only
Back-up Battery 1 x CR2032 Lithium (3 - 5 year life)

Circuit features

Headphone socket 3.5mm dia.
Aerial System FM Wire aerial, MW - Built-in Ferrite aerial
Frequency coverage FM 87.5 - 108MHz, MW 515 - 1635 kHz

Product markings

⎓ This symbol indicates DC voltage.
~ This symbol indicates AC voltage.

The name plate is located on the underside of the unit.
The company reserves the right to amend the specification without notice.
Designed & Engineered in the UK
Made in China

ROBERTS RADIO LIMITED

Issue 8a www.robertsradio.com
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Please read this guide and the warranty/safety leaflet before use

