

ROBERTS

Sound for Generations

time
Set for life!

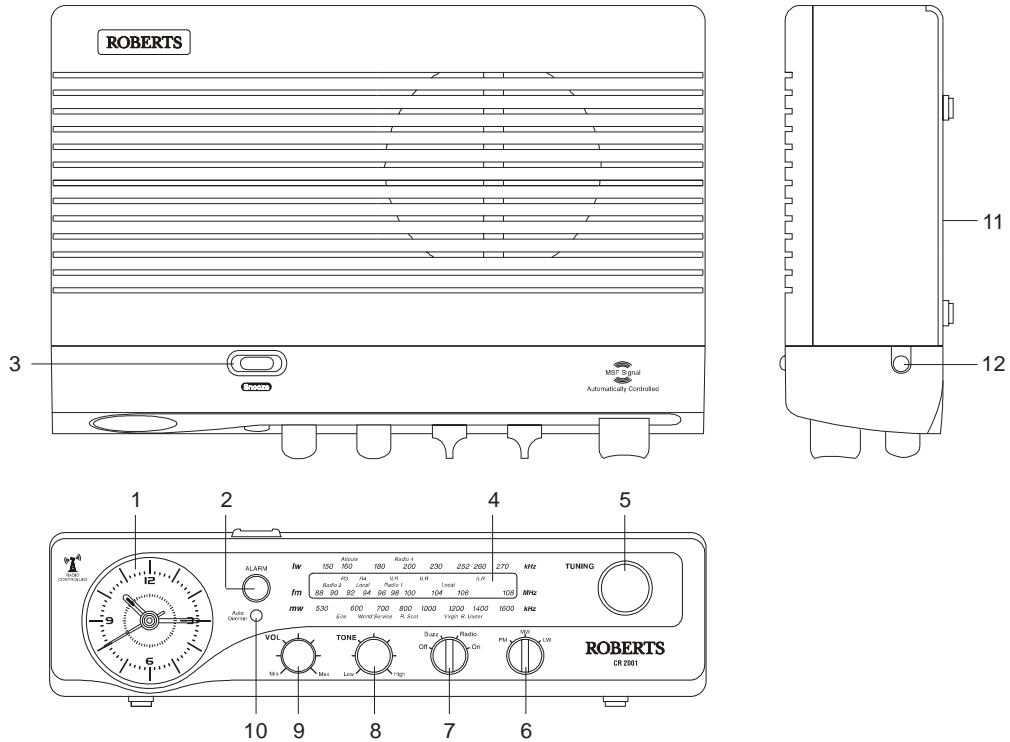
CR2001

3 Band Auto Time Set
Analogue Alarm Clock Radio



Please read this manual before use

Controls



1. MSF Clock
2. Alarm set and off button
3. Snooze button
4. Tuning scale

5. Tuning control
6. Waveband switch
7. Function switch
8. Tone control

9. Volume control
10. Auto dimmer
11. Battery compartment (underside)
12. Headphone socket

Automatic clock setting

When you plug in your clock radio or instal the backup battery for the first time it will receive and synchronise to the official UK standard time signal transmitter (MSF) located at Rugby in the U.K. Your clock radio will automatically switch from summer to winter time and vice versa by following the radio time signal.

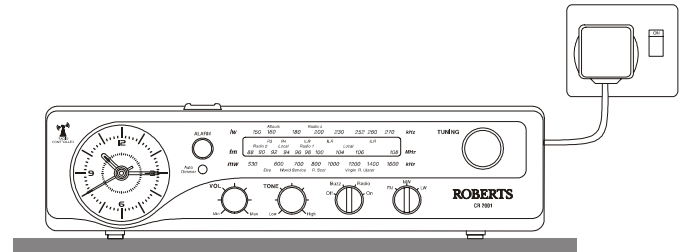
At certain times of the year the MSF transmitter closes down for maintenance. During this time the clock will not automatically set. Recorded information on transmitter status can be obtained on 020 8943 6493.

At all other times if the transmitter closes down the clock will continue to run on its own internal time memory.

Power on

1. Place the unit on a flat surface. Plug the mains lead into a wall socket and switch on. The clock face will illuminate.
2. The built in microprocessor will automatically activate the Radio Controlled clock to set the hour and minute hands to the 04:00, 08:00 or 12:00 o'clock reception mode position and initiate a search for the time signal.
3. When the time setting process has been completed (2-4 minutes), the hour and minute hands will move to show the exact time.
4. **If the time does not set it may be necessary to rotate your clock radio to a position giving better reception of the MSF signal.**
5. It is recommended that your clock radio is placed as far away as possible from any sources of interference such as computers or televisions, etc.
6. To repeat the automatic time set process, unplug the mains lead from the wall socket, remove the backup battery if fitted, wait 2 minutes, then repeat the above power on procedure.

In the event of a mains power failure with no backup battery fitted, your clock radio will automatically synchronise with the MSF time signal and reset the clock when the mains power is restored.



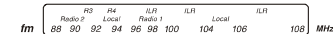
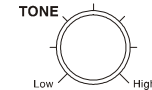
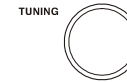
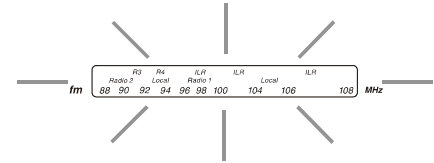
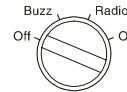
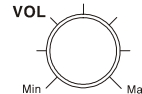
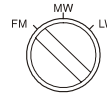
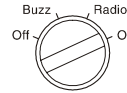
Listening to the Radio

1. Switch on the radio by setting the **Function switch** to the 'On' position. The **Dial scale** will illuminate indicating that the radio is switched on.
2. Select the required waveband using the **Waveband selector switch**.
3. Tune in to the desired station by rotating the **Tuning 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 and LW reception there is a built in ferrite aerial. Rotate your clock radio to the position giving best reception.

4. Adjust the volume by rotating the **Volume control**.
5. Adjust the tone by rotating the **Tone control**.
6. The radio can be switched off by setting the **Function switch** to the 'Off' position.



Headphones

A **Headphone socket** (3.5mm) located on the right hand side of your clock radio is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal loudspeaker.



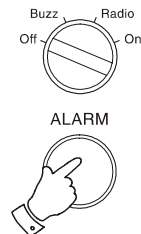
Auto dimmer

This clock radio is fitted with an **Auto dimmer** to automatically adjust the intensity of the clock face and dial scale illumination to suit the room brightness.



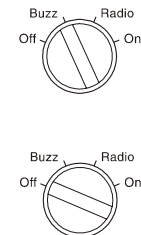
Setting the alarm time

1. Set the **Function switch** to the 'OFF' position.
2. Each press of the **Alarm button** will advance the alarm time in 6 minute increments. Pressing and holding down the **Alarm button** will advance the alarm time rapidly.
3. Release the **Alarm button** at the required alarm time. The alarm time indicator hand will remain indicating the set alarm time.



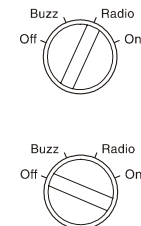
Setting the alarm to wake to buzzer

1. Set the alarm time as previously described.
2. Set the **Function switch** to the 'Buzz' position.
3. The buzzer alarm will sound for 30 minutes every **12 hours at the preset alarm time.**
4. To switch off the alarm for 12 hours, press the **Alarm button.**
5. To switch the alarm off permanently, set the **Function switch** to the 'Off' position.



Setting the alarm to wake to radio

1. Set the alarm time as previously described.
2. Set the **Function switch** to the 'Radio' position.
3. The radio alarm will sound for 30 minutes every **12 hours at the preset alarm time.**
4. To switch off the alarm for 12 hours, press the **Alarm button.**
5. To switch the alarm off permanently, set the **Function switch** to the 'Off' position.



Snooze control

1. The radio or buzzer alarm can be silenced for 5 minutes by pressing the **Snooze** button. This sequence can be repeated during the 30 minute alarm period.



General

Do not allow this unit to be exposed to water or steam. It is recommended that the FM band be used wherever possible as better results in terms of quality and freedom from interference will usually be obtained than on the MW or LW bands.

Mains supply

Your CR2001 will operate from a supply of AC 230volts, 50Hz \sim only.

For your convenience this product is supplied with a plug which is fitted with a fuse of the appropriate rating. If the plug supplied is not suitable for your socket outlet, it should be removed by unscrewing the plug top, the terminal screws, and removing the cable.

The correct style of plug to suit your household together with a correctly rated fuse should be fitted.

IF IN DOUBT - CONSULT A QUALIFIED ELECTRICIAN

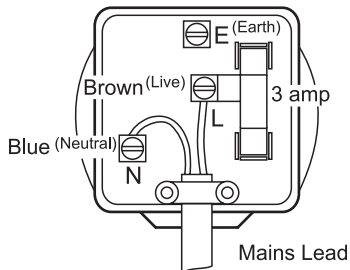
IMPORTANT. DO NOT make any connection to the larger terminal which is marked with the letter E or by the safety earth symbol \perp or coloured Green or Green-and-yellow.

The wires in the mains lead are coloured in accordance with the following codes :-

BLUE - NEUTRAL

BROWN - LIVE

As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:-



The wire coloured BLUE must be connected to the terminal marked N or coloured BLACK.

The wire coloured BROWN must be connected to the terminal marked L or coloured RED.

Fuse

This apparatus must be protected by a 3A fuse (BS1362) in a 13A plug (BS1363). If another type of plug is used a 5A fuse should be fitted in the plug, adaptor or distribution board.

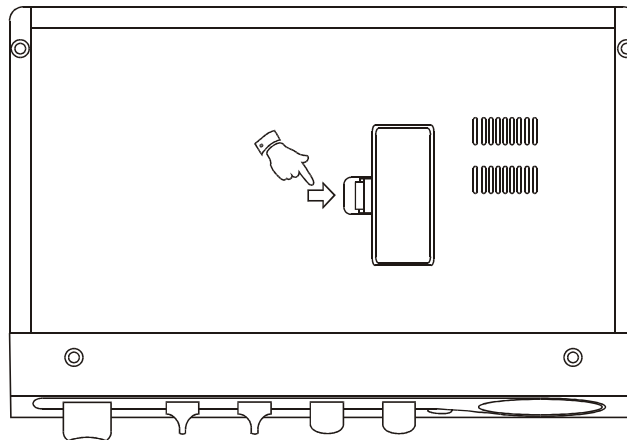
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Back-up Battery (not necessary for the unit to function)

Slide the battery cover catch in the direction of the arrow. Remove the battery cover. Fit 2 x LR06 (AA size) or equivalent batteries into the battery compartment. Replace the battery cover.


The time and alarm settings will be retained during a temporary failure of the AC mains supply. The clock face and dial scale illumination will be extinguished to conserve battery life, but the memory will retain details of the time and alarm time settings.

If your clock radio is not to be used for a prolonged period of time, remove the battery to avoid damage by battery leakage.



Specifications

Power Requirements

Mains	AC 230 volts, 50Hz  only
Back-up Batteries	2 X LR06 (AA size)

Frequency Coverage

FM	87.5 - 108MHz
MW	525 - 1610kHz
LW	150 - 260kHz

Circuit Features

Loudspeaker	8 ohms
Output power	500mW
Aerial System	FM Wire Aerial
	MW Built-in Ferrite aerial
	LW Built-in Ferrite aerial

The Company reserves the right to amend the specification without notice.

Guarantee

This clock radio is guaranteed for twelve months from the date of delivery to the original owner against failure due to faulty workmanship or component breakdown, subject to the procedure stated below. Should any component or part fail during this guarantee period it will be repaired or replaced free of charge.

The guarantee does not cover:

1. Damage resulting from incorrect use.
2. Consequential damage.
3. Product with removed or defaced serial numbers.

Procedure: Any claim under this guarantee should be made through the dealer from whom the instrument was purchased. It is likely that your Roberts' dealer will be able to attend to any defect quickly and efficiently but should it be necessary the dealer will return the product to the company's service department for attention. In the event that it is not possible to return the instrument to the Roberts' dealer from whom it was purchased, please contact Roberts Radio Technical Services at the address shown below before taking further action.

These statements do not affect the statutory rights of a consumer.

ROBERTS RADIO TECHNICAL SERVICES

97-99 Worton Road
Isleworth Middlesex
TW7 6EG