ROBERTS

Sound for Generations

R9969

PLL Synthesised World Radio

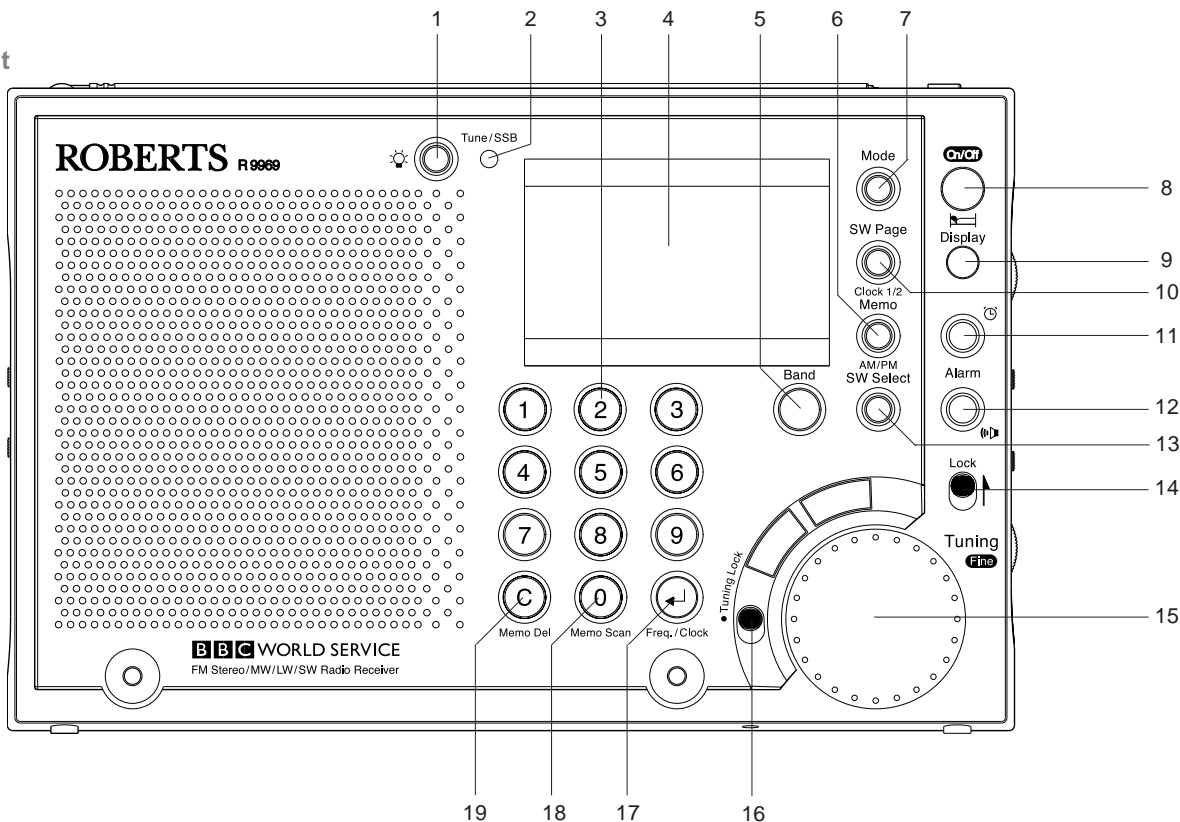*travelling lite 3*

Please read this manual before use

Contents

1. Light
2. Tune/SSB LED
3. 1 to 9 Numerical buttons
4. Display
5. Band selection
6. Memo AM/PM
7. Mode
8. On/Off Sleep
9. Display button
10. SW Page Clock 1/2 button
11. Signal Alarm button
12. Radio Alarm button
13. SW Select button
14. Lock switch
15. Fine tuning dial
16. Tuning lock switch
17. Freq./Clock button
18. Memo Scan button
19. Memo Del button

If you need any further advice, please call our Technical Helpline on :-
020 8758 0338 (Mon-Fri)

Controls

Right side

SSB Fine Tuning —— 20

SSB Off On —— 21

Tone Low High —— 22

Volume —— 23

Left side

24 —— SW External Antenna

25 —— FM/SW DX Local

26 —— FM St. FM

27 —— (headphone)
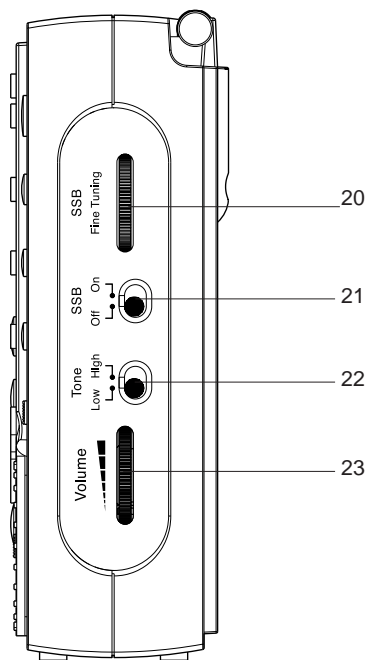
28 —— DC 6v

20. SSB Fine Tuning
21. SSB On/Off
22. Tone (low/high)
23. Volume
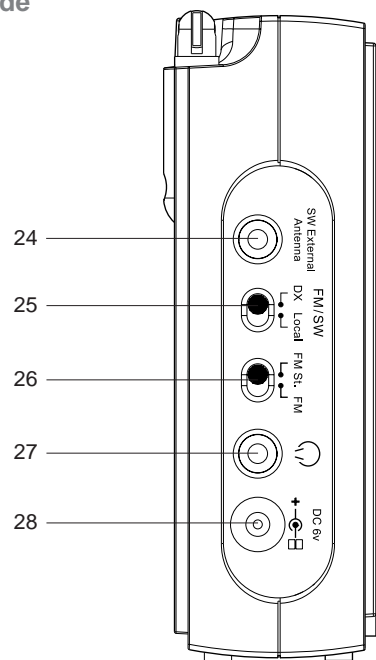
24. SW External Antenna
25. FM/SW DX./Local
26. FM St./FM
27. Headphone socket
28. DC 6 V socket for mains adapter (not supplied)

Controls

Top

29. Antenna

Bottom

Reset

30

30. Reset button

If you need any further advice, please call our Technical Helpline on :-
020 8758 0338 (Mon-Fri)
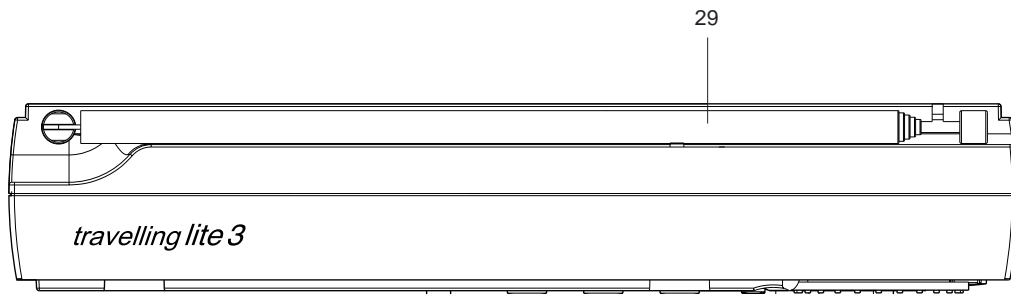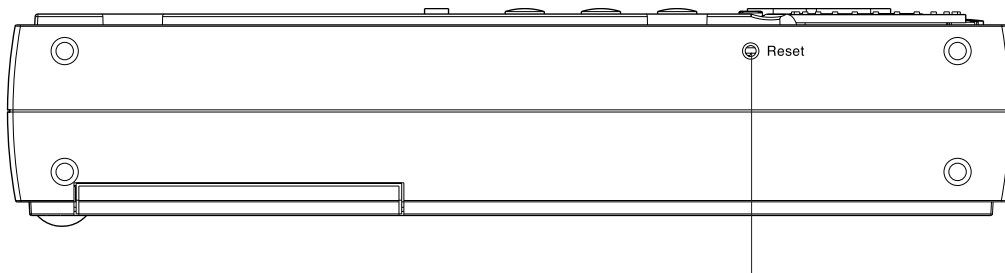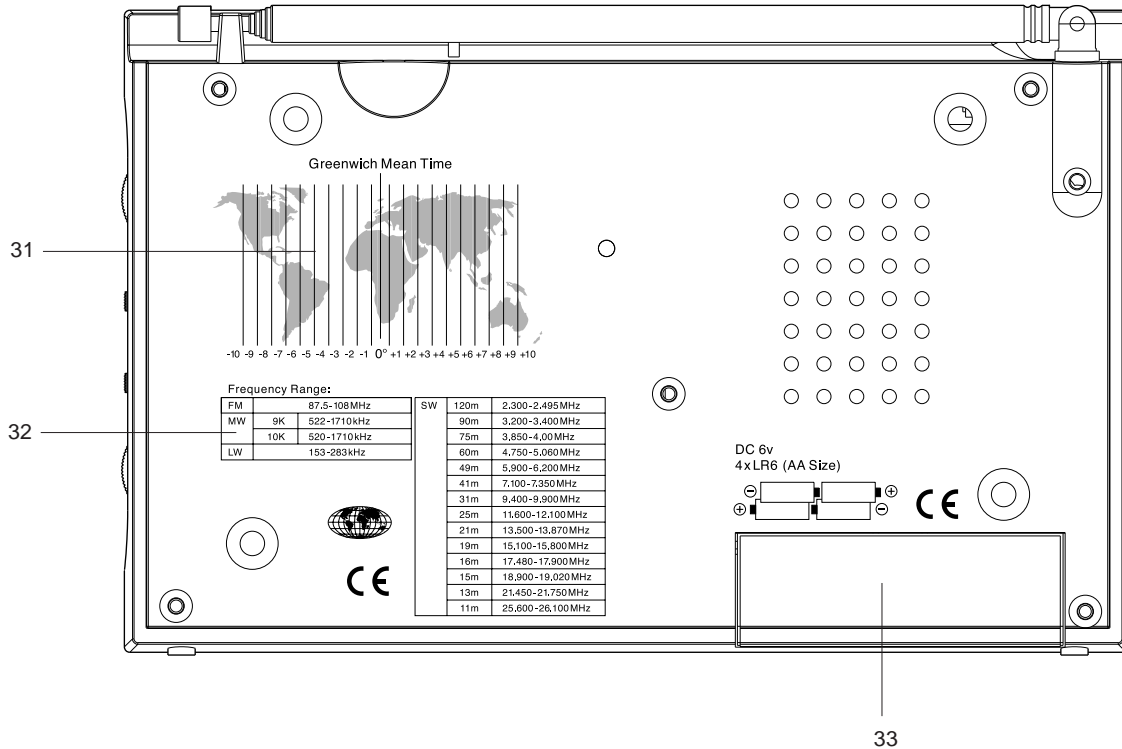
31. Map of world time zones
32. Frequency scale
33. Battery compartment

Within the diagram:

Greenwich Mean Time

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0° +1 +2 +3 +4 +5 +6 +7 +8 +9 +10

DC 6v
4 x LR6 (AA Size)

Frequency Range:

FM		87.5-108MHz
MW	9K	522-1710kHz
	10K	520-1710kHz
LW		153-283kHz

SW	120m	2,300-2,495MHz
	90m	3,200-3,400MHz
	75m	3,850-4,00MHz
	60m	4,750-5,060MHz
	49m	5,900-6,200MHz
	41m	7,100-7,350MHz
	31m	9,400-9,900MHz
	25m	11,600-12,100MHz
	21m	13,500-13,870MHz
	19m	15,100-15,800MHz
	16m	17,480-17,900MHz
	15m	18,900-19,020MHz
	13m	21,450-21,750MHz
	11m	25,600-26,100MHz

6

Installing the batteries

4 x 1.5V, LR6 (AA size) type batteries are required.

1. Open the battery compartment on the back of your receiver by pressing the marking and opening the lid.

2. Insert the batteries into the compartment. Make sure the (+) and (-) ends of the batteries are positioned as shown on the rear of the receiver.

3. Close the battery compartment cover.

Note: When the batteries are low, the battery level icon flashes in the display. Each time the radio is switched off the battery charge indicator appears for seven seconds. If the charge level falls below 2 the batteries must be changed. If the batteries are not replaced within 3 minutes all stored settings will be lost.

Remove the batteries if the reciever is not going to be used for an extended period of time. The manufacturer accepts no liability for damage resulting from used batteries.

Environmental note: Batteries, including those which contain no heavy metal, may not be disposed of with household waste. Please dispose of used batteries in an environmentally sound manner.

DC 6v
4 x LR6 (AA Size)

If you need any further advice, please call our Technical Helpline on :-
020 8758 0338 (Mon-Fri)
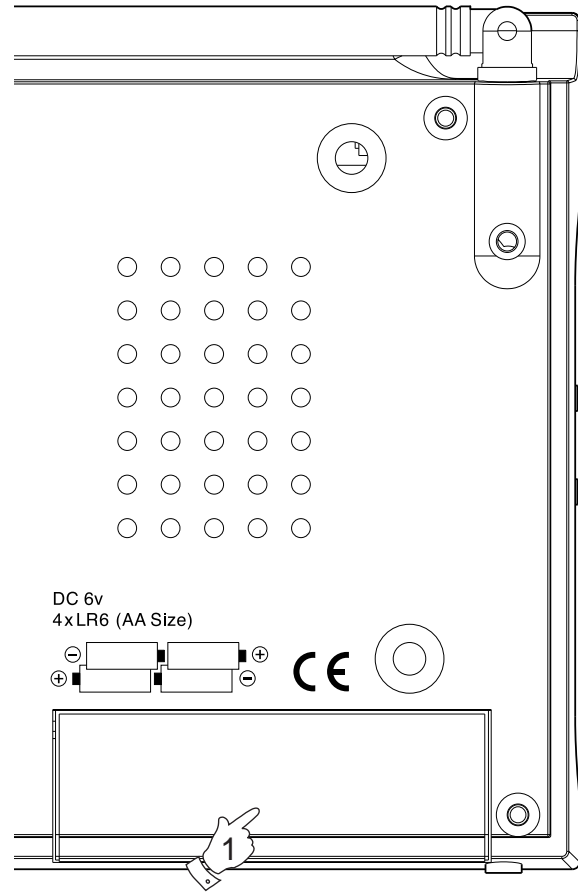
Switching on and setting the clock

Before setting the clock make sure that the local time zone is known. There are 24 time zones based on a standard time zone called the UTC (Universal Time Co-ordinated), previously known as GMT (Greenwich Mean Time), as shown in the diagram on the back of the receiver.

Two different local times can be set, local time **'1'** and local time **'2'**.

Setting local time 1

When the receiver is first switched on the display indicates that the clock has to be set. The digital display will show **'0:00'** and the local time **'1'** symbol will be shown.

Note: If you are operating the receiver in the 12-hour format, AM and PM can be set by pressing the *Memo AM/PM button.*

1. Place the receiver on a flat surface. Make sure that the batteries have been inserted correctly, or if using mains power, plug the mains lead into a wall socket and switch on at the wall socket.

2. Press down and hold the *Freq./Clock button* until the display indicates the time can be set. The digital display will show **'-:--'** and the local time **'1'** symbol will flash.

Note: If the radio is switched on, press the *Display button* to switch the display to the clock.

3. Enter the time using the numerical buttons **'1 ..... 0'** in the correct sequence.

Note: If the digits are entered incorrectly, a signal sounds and **'Err'** flashes briefly in the display. The time will have to be entered again.

4. Press the *Freq./Clock button* to confirm the entry.

Display

Freq. / Clock
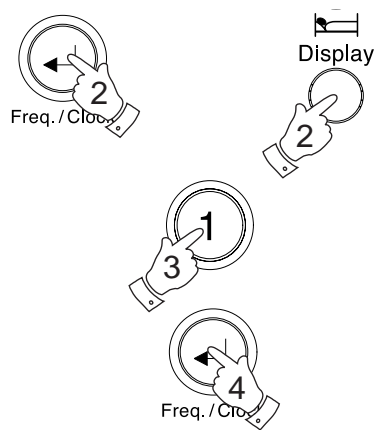
Freq. / Clock

Setting local time 2

1. Press the **SW Page Clock 1/2 button**. The display flashes for local time **'2'**.

2. To set the display to local time **'2'** press the **Freq./Clock button**.

3. Press down and hold the **Freq./Clock button** until the display indicates the time can be set. The digital display will show **'-:--'** and the local time **'2'** symbol will flash.

4. Enter the time using the numerical buttons **'1 ..... 0'** in the correct sequence.

Clock

Freq. / Clock

Freq. / Clock

Setting and storing radio stations

1. Switch on the radio by pressing the **On/Off Sleep button**.

2. Press the **Band button** to select the required waveband (FM, SW, MW or LW).

There are various ways to set radio stations and store them at preset positions.

3. If short wave is selected, the frequency band can be selected by pressing the **SW select button**.

Tuning radio stations directly

1. Press the **Freq./Clock button.**

2. Enter the frequency using the numerical buttons.

3. Press the **Freq./Clock button** to confirm the entry.

10

Tuning radio stations manually (1)

1. Tune in to the desired station by turning the **Fine tuning dial**. The display will show the frequency in 100 or 200 kHz increments (FM), in 9 or 10 kHz increments (MW), in 3 kHz increments (LW) or in 5 kHz increments (SW).

2. To fine tune to the station, briefly push in and turn the **Fine tuning dial**. The display will show frequency changes in 50 kHz increments (FM) or 1 kHz increments (MW, LW and SW).

Note: The word STEP is displayed whilst in fine tune mode.

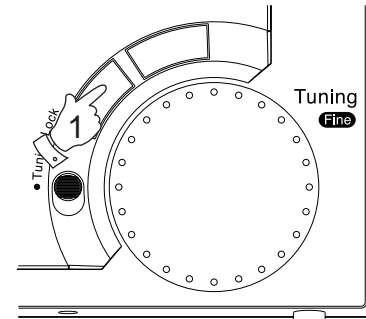3. To return to the original mode, push the **Fine tuning dial** again.

Note: The word STEP is removed from the display.
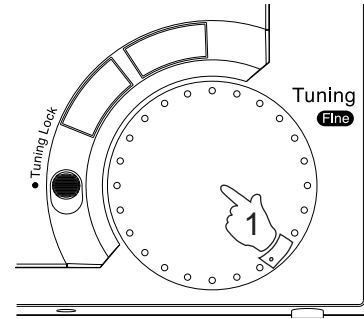
Tuning radio stations manually (2)

1. Press the arrow buttons until you reach the desired station

   or

   Hold down one of the arrow buttons until the frequency changes to a rapid run-through.

   The automatic search stops at the next station with a strong signal.

Saving radio stations at preset positions

Band

1

You can store up to 45 radio stations; 18 on two memory levels for short wave frequencies, and nine each on FM, MW and LW frequencies.

1. Select the frequency band and the radio station.

Memo

2

AM/

2. Press the **Memo AM/PM button**.

3. Press the **Freq./Clock button** to store the radio station. The station is then stored on preset position 1.

3

Freq. / Clock

    Repeat the process for additional stations.
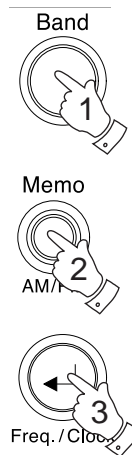
Storing short wave (SW) stations

SW Page

2

Clock

The short wave band is divided into frequency bands of different lengths. Therefore up to 18 SW stations can be stored on two memory levels.

1. Save short wave stations as previously described.

Memo

2. Once nine stations are stored on one memory level M1, press **SW Page Clock 1/2 button** to switch to the second memory level.

3

AM/

3. Store the remaining nine stations as described above.

Note: If you try to store more than 18 stations and press **Memo AM/ PM button, 'FULL'** appears in the display.
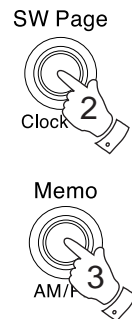
Automatic station search

This function allows an automatic search and store of nine stations in each of the FM, MW and LW bands (not SW). The search starts at the lowest frequency in the selected wave band, and stores the nine stations with the strongest signals. After the search has finished, a signal sounds.

1. To start the search, press both **Arrow buttons** at the same time and hold them down until a signal is heard. The display indicates the stored number.

Note: When you start the search, all the previously stored stations are deleted. During the search, the display shows the progress, but not the stations found.

2. The search can be stopped by pressing the **On/Off button**.

   You can reorganise the preset stations using **'MODE 50** or **51'** (see page 23).
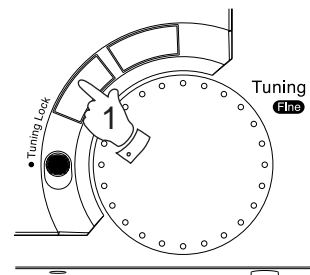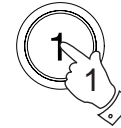
Deleting preset stations

1. Enter the preset station using the numerical buttons **'1 to 0'**. The frequency and the preset number will be displayed.

2. Press the **Memo AM/PM button**. The selected preset station flashes.

3. Press the **C Memo Del button** to delete the station.

If you need any further advice, please call our Technical Helpline on :-
020 8758 0338 (Mon-Fri)

Calling up stored radio stations

1. Select the station using the numerical buttons **'1...0'** for the preset number.

2. To call up preset numbers 10 to 18 in the SW band, press the **SW Page Clock 1/2 button** to switch to the second memory level.

Note: For FM reception, pull out the telescopic antenna and tilt it until the best signal is recieved. For short wave reception (SW), the antenna should be upright. For medium wave and long wave reception, align the internal antenna by turning the receiver.

SW Page

Clock

Checking stored radio stations

All the stored radio stations in a wave band can be called up automatically for seven seconds (memory scan).

1. With the radio playing, press the **Memo Scan button**. The device starts with the current preset station and then changes to the next one. When you reach the desired station, press the **Memo Scan button** to stop the function.

Memo Scan

Changing preset positions

1. Enter the preset station you want to change using the numerical buttons **'1...0'.**

2. Press the *Memo AM/PM button* and the selected preset position flashes.

3. Enter the new preset position using the numerical buttons **'1...0'**. A signal sounds and the preset positions are changed.
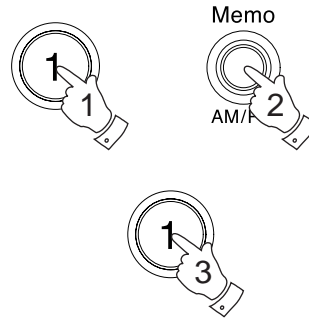
Adjusting the volume

1. Adjust the volume using the **Volume** control on the right hand side of the receiver.
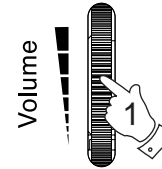
Adjusting the tone

1. Adjust the tone using the **Tone low/high** switch on the right hand side of the receiver.

Listening with Headphones

1. A **Headphone Socket** (3.5mm) located on left side of the receiver is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal loudspeaker.
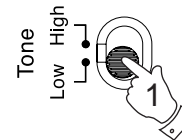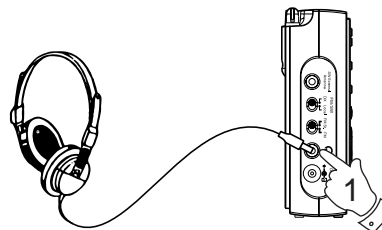
Switching between stereo and mono reception

FM stereo reception is only available with headphones.

1. Connect the headphones and select an FM station.

2. Set the **FM St./FM** switch on the left side of the device to stereo. The display indicates stereo has been selected.

3. If the reception of the station is weak in FM stereo, move the **FM St./FM** switch to mono. The stereo symbol disappears from the display.
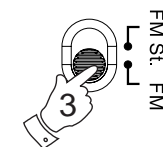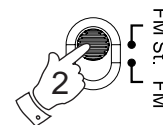
Setting the reception sensitivity

1. If the sensitivity is too high, set the **DX./Local** switch (on the left hand of the receiver) to **DX.**

2. If the signal is too strong, and is causing distortion, move the **DX./Local** switch to **Local** (low sensitivity).
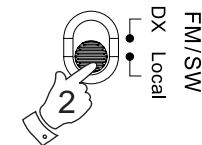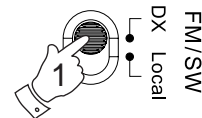
Special features of SW reception

Short wave reception

Your radio can receive signals in a number of frequency bands. It is easy to get used to tuning to stations in the FM, MW and LW bands, since they are always on the same frequencies.

Unfortunately, this is not always the case with short wave stations. Due to atmospheric conditions, short wave stations must frequently broadcast on different wavelengths. Most short wave bands are available all over the world and can be used by international broadcasters. At present these are the only wavelengths which provide listeners with direct reception over long distances.

If you want to listen to a particular SW station, the precise frequency and wavelength need to be known. Many short wave stations will send broadcasting schedules which give the information required. This information is also available on the Internet.

Connecting the external SW antenna

To improve short wave reception the external SW antenna supplied can be connected.

1. Insert the plug of the antenna cable into the **SW External Antenna** socket on the left hand side of the receiver.

Note: Unroll and align the antenna to achieve the best reception. If there is interference, move the **DX./Local** switch to **Local.**

SW External
Antenna

FM/SW
DX Local

If you need any further advice, please call our Technical Helpline on :-
020 8758 0338 (Mon-Fri)
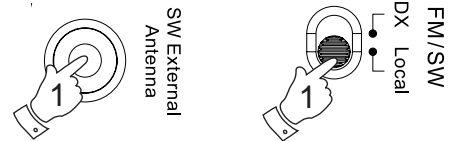
SSB reception (for example for radio hams and shipping)

Some short wave stations broadcast Morse code for shipping using continuous waves (CW). Voice signals, for example amateur radio, is normally broadcast on the single side band (SSB).

1. Select the SW waveband using the *Band button.*

2. Select the frequency band using the *SW Select button.*

3. Set the **SSB On/Off** switch on the right hand side of the receiver to **'ON'.** The **Tune/SSB** LED changes to light up red.

4. Slowly turn the **'SSB Fine Tuning'** dial on the right hand of the receiver until you achieve a clear reception. If an SSB station is received, the **'Tune/SSB'** LED lights up orange.

Note: For fine tuning, the **Fine Tuning Dial** can also be pressed.

Band

1

SW Select

2

SSB

On

Off

3

Tune / SSB

3

SSB
Fine Tuning

4

Tune / SSB

4

Lock

Tuning
Fine

Tuning Lock

4
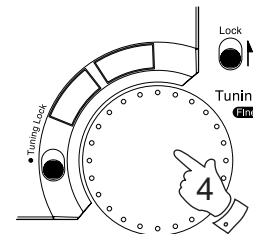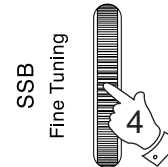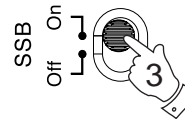
Alarm mode

Displaying the alarm time

1. Press the appropriate **Alarm button** (signal tone or radio). The last setting will be displayed or the radio symbol will flash.

Note: The display will return to the current time after 7 seconds.

Alarm with signal tone

1. With the radio switched off, press the **Alarm button** (signal tone). The last alarm set flashes.

2. Enter the alarm time using the numerical buttons **'1...0'.**

3. Press the **Freq./Clock button** to confirm the entry. The alarm time entered stays lit.

The receiver switches on with the signal tone at the set time (alarm duration 1 hour). The signal tone increases in volume for one minute, stops for a minute and starts again.

4. Press the **On/Off Stop button** to switch off the alarm.

Alarm with radio station

1. Press the **On/Off Sleep button** to switch on the receiver.

2. Select the frequency band and the radio station.

3. Adjust the alarm volume using the **Volume** dial.

4. Press the **Display button** to switch the display to the clock.

5. Press the **Alarm button** (radio station). The last alarm time set flashes.

6. Enter the alarm time using the numerical buttons **'1....0'.**

7. Press the **Freq./Clock button** to confirm the entry. The alarm time entered stays lit.
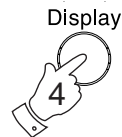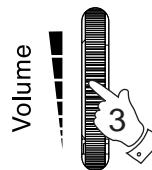
8. Press the **On/Off Sleep button** to switch off the alarm.
   - The device switches the radio on at the set time (alarm duration 1 hour).

On/Off

Band

Volume

Display

Alarm

Freq. / Clock

On/Off

Cancelling the alarm for the day

1. Press the **On/Off Sleep button** while the alarm is sounding. The alarm (signal tone or radio) stops, but the alarm function remains activated for the next day at the set time.

Cancelling alarm stand-by

1. Press the appropriate **Alarm button** (signal tone or radio).

2. To deactivate the alarm, press the **C Memo Del button.**
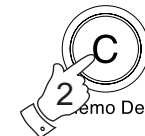
Sleep timer mode

The receiver has an adjustable sleep-timer, which can be set to 15, 30, 60, 90 or 120 minutes.

Setting the sleep timer

1. With the radio playing, press and hold down the **On/Off Sleep button**. The sleep times will flash in sequence 60...30...15...120...90.

2. To set the desired switch-off time, release the **On/Off Sleep button**.

If you need any further advice, please call our Technical Helpline on :-
020 8758 0338 (Mon-Fri)

Deactivating the sleep timer

1. To deactivate the sleep timer, press the **On/Off Sleep button** to switch off the radio.

Additional functions

Displaying local time 1 or 2

If two local times are set, local time **'1'** is normally displayed.

1. To temporarily change from local time **'1'** to local time **'2'**, press the **SW Page Clock 1/2 button**. The display will show local time **'2'** for 7 seconds then return to local time **'1'.**

2. To permanently change from local time **'1'** to local time **'2'**, press the **SW Page Clock 1/2 button** and then the **Freq./Clock button.**

3. To permanently change from local time **'2'** to local time **'1'**, press the **SW Page Clock 1/2 button** and then the **Freq./Clock button.**
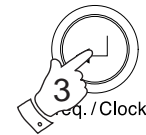
Setting various function modes

Mode

Using the **Mode button** and a two-digit code, which you enter using the numerical buttons **'1---0',** you can change various functions:

	Code	Function	Code	Function
MODE *	10	FM frequency change in 100 kHz steps	11	FM frequency change in 200 kHz steps
MODE *	20	MW frequency change in 9 kHz steps	21	MW frequency change in 10 kHz steps
MODE *	30	Time display in 12 hour format	31	Time display in 24 hour format
MODE *	40	Signal tone off	41	Signal tone on
MODE *	50	Arrange stations in sequence from low to high frequency range	51	Arrange stations in sequence from low to high frequency range

To change the various function modes.

1. Press the **Mode button**.

Mode

2. Enter the desired code, shown in the table using the numbered buttons **'1---0'**.

3. Press the **Freq./Clock button** to confirm.

Freq. / Clock

Switching on the back lighting for the display

1. Press the *Light button* to switch on the display lighting for 7 seconds.

2. Press the *Light button* to switch off the display lighting.

Disabling and enabling the buttons

1. To disable the buttons, move the *Lock button* to the red dot.

2. To enable the buttons, move the *Lock button* to the opposite position.

Disabling and enabling the fine tuning dial

To prevent the frequency being changed accidentally, the **'Fine tuning dial'** can be disabled.

1. To disable the dial, move the *Tuning Lock button* to the red dot.

2. To enable the dial, move *Tuning Lock button* to the opposite position.

24
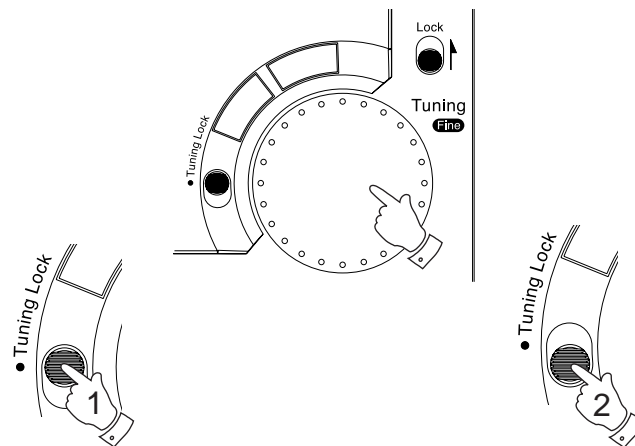
Deleting all settings

The receiver can be reset to its original state. All settings are lost when you do this.

1. Press the **Reset button** on the bottom of the device using a suitable implement such as a paper clip. All settings are deleted.

Reset

1

Specifications

Power supply

Battery operation	4 x 1.5V LR6 (AA size)
Mains operation	6V (200 mA) mains adapter, DC
Output	300 mW 10% THD

Antennas

Telescopic antenna	FM and SW
Ferrite rod antenna	MW and LW

Sockets

DC socket	Dia. 4.0 mm, 6V (200 mA) centre pin negative
Headphone jack	Dia. 3.5 mm stereo, 2 x 32 impedance
SW antenna socket	Dia. 3.5 mm mono

Dimensions and weight

W x H x D	184 mm x 120 mm x 40 mm
Weight	510 g

Frequency bands

FM		87.5 - 108 MHz
MW		520 - 1710 kHz or 522 - 1710 kHz
LW		153 - 283 kHz
SW 1 - 14	120 m	2.3 - 2,495 MHz
	90 m	3.2 - 3.4 MHz
	75 m	3.85 - 4.0 MHz
	60 m	4.75 - 5.06 MHz
	49 m	5.9 - 6.2 MHz
	41 m	7.1 - 7.35 MHz
	31 m	9.4 - 9.99 MHz
	25 m	11.6 - 12.1 MHz
	21 m	13.5 - 13.87 MHz
	19 m	15.1 - 15.8 MHz
	16 m	17.48 - 17.9 MHz
	15 m	18.9 - 19.02 MHz
	13 m	21.45 - 21.75 MHz
	11 m	25.6 - 26.1 MHz

Guarantee

This receiver 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. Receivers with removed or defaced serial numbers.
4. Telescopic aerials.

Procedure:

Any claim under this guarantee should be made through the dealer from whom the receiver 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 instrument 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 department at the address shown on the rear of this manual before taking further action.

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

If you need any further advice, please call our Technical Helpline on :-
020 8758 0338 (Mon-Fri)

ROBERTS RADIO TECHNICAL SERVICES

97-99 Worton Road

Isleworth Middlesex

TW7 6EG

Technical Helpline:- 020 8758 0338 *(Mon-Fri)*

$$C \ E$$

Free Manuals Download Website

http://myh66.com

http://usermanuals.us

http://www.somanuals.com

http://www.4manuals.cc

http://www.manual-lib.com

http://www.404manual.com

http://www.luxmanual.com

http://aubethermostatmanual.com

Golf course search by state

http://golfingnear.com

Email search by domain

http://emailbydomain.com

Auto manuals search

http://auto.somanuals.com

TV manuals search

http://tv.somanuals.com