morphy richards®

MSF clock radio
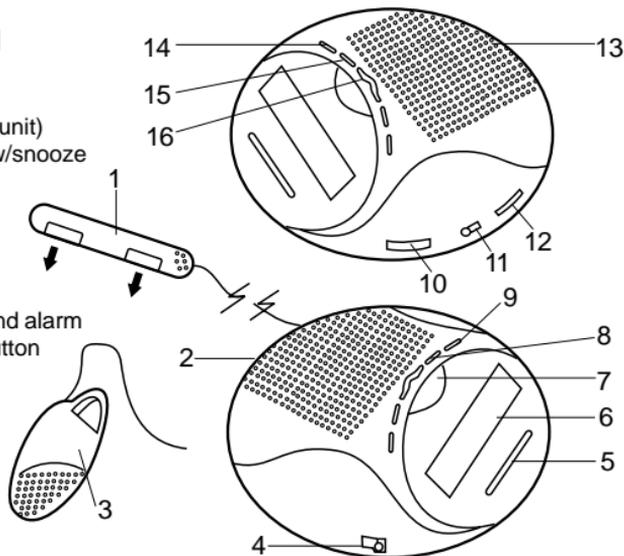# with pillow speaker

28026   OPERATING INSTRUCTIONS
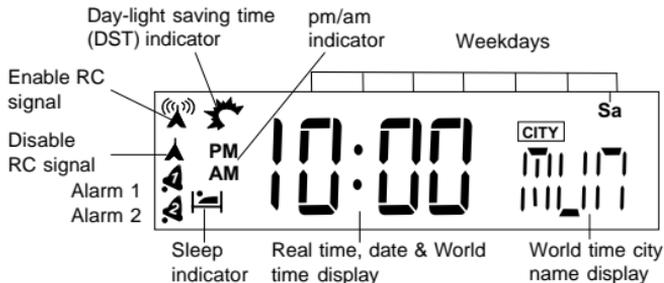
Illustration

Locations of control

1 RC signal receiver
2 Battery compartment
   (located underneath the unit)
3 Remote pillow speaker w/snooze button
4 Function switch
   (on/off/auto)
5 Dial scale display
6 LCD display
7 Snooze/sleep off/weekend alarm /daylight saving mode button
8 Mode button
9 Alarm button
10 Tuning control
11 Band selector
12 Volume/buzzer
   (when alarm on) control
13 Speaker
14 Forward (+) / RC signal receiving mode button
15 Backward (-) / Show button
16 Sleep ON button

Attention

Due to your clock radio operating by high precision software; an automatic reset circuit is built in. In case of a software hang-up (ie. no display after power failure) please unplug your unit from the mains and remove the back-up batteries, wait a few minutes for the unit to discharge power completely. Then reapply the mains and refit the back-up batteries.

2

Lcd display format

Day-light saving time (DST) indicator

pm/am indicator

Weekdays

Enable RC signal

Disable RC signal

Alarm 1

Alarm 2

Sleep indicator

Real time, date & World time display

World time city name display

Electrical requirements

Check that the voltage on the rating plate of your clock radio corresponds with your house electricity supply which must be A.C. (Alternating current).

For clock radios with fitted plug.

If the socket outlets in your home are not suitable for the plug supplied with this appliance the plug should be removed and the appropriate one fitted.

IMP0RTANT : THE PLUG REMOVED FROM THE MAINS LEAD, IF SEVERED, MUST BE DESTROYED AS A PLUG WITH A BARED FLEXIBLE CORD IS HAZARDOUS IF ENGAGED INTO A LIVE SOCKET OUTLET.

Should the fuse in the 13 amp mains plug require changing a 3 amp BS1362 fuse must be fitted.

The socket outlet should be installed near the equipment and shall be easily accessible.

Daylight saving time (DST) means at summer time you add one hour to standard time.

1 In manual mode, you can manually able or disable the DST function. Press the **mode button** (8) 5 times. The unit will be in local time setting mode. Choose your city eg LON then press the **Snooze button** (7) once. The DST symbol will appear and one hour will be added to your local time.

3

3   Press the **mode button** (8) 6 times. The unit will be at world time setting mode. Choose the city you want to review, e.g. LAX Los Angeles. Press the **Snooze button** (7) once. The DST symbol will appear. One hour will be added onto the world time. Please note that this action will only affect that particular time zone, i.e. LAX time. It will not change your local real time, i.e. LON.

Battery back-up facility (unit will work without a battery being fitted)

1   Remove the battery compartment cover (located underneath the unit) by pushing in the clip and lifting off.
2   Insert a 2 x AAA batteries and connect to terminals (Ensure batteries are inserted correctly)
3   Replace the battery compartment cover.
    Should a power interruption occur the clock will continue to run, however, time keeping will not be accurate.
    If the optional battery is not installed in case of the AC power failure, the clock will go through the automatic msf setting. You will need to reset the alarm when power is restored.
    Battery back-up is designed to operate for a short period only.
If the unit is not to be used for a prolonged period, remove the battery to avoid battery leakage.
    In the interests of environmental safety : dispose of batteries safely.

Radio controlled clock (automatic clock) operation

Once you plug in the power cable and install the back-up batteries in the battery compartment (2).
1   All the segments go solid for 2 seconds (LCD panel back-light will come on automatically).
2   The letters "LON" and the rc signal receiver symbol 《◦》 will flash.
3   After a few seconds the display will show "— : — " with the second section "00".
4   When the RC signal has been received and decoded successfully, the second section starts counting up. The real time clock is updated by the 《◦》 signal which goes solid and immediately switches to the Auto Run Mode.

If the RC signal has not been received and decoded successfully

1   Your unit will stay in "0:00" with all the symbols cleared and will stop receiving the RC signal after 15 minutes.
2   Press the **mode button** (8) once to switch the unit into self quartz oscillation Auto Run Mode. Please refer to the SETTING THE TIME AND DATE IN REAL TIME SECTION to set the clock manually. (The date and time is defaulted to 2 January 2003 0:00).
3   If you wish to receive the RC signal again, press the **RC signal receiving mode button** (14) to start receiving the signal.

Press the **RC signal receiving button** (14) to change the RC signal receiving mode accordingly.

1   When the ((•)) symbol flashes you will start receiving the RC signal
2   When the ((•)) symbol clears your unit will start receiving the RC signal at 0:00 or 12:00 only.

NOTE:
a) In order to get a clear, accurate RC signal, your clock requires several minutes for receiving. This is normal.
b) Please do not place the RC signal receiver (1) near any electronic or electrical products to avoid any interference (e.g. TV set, computer, refrigerator etc).

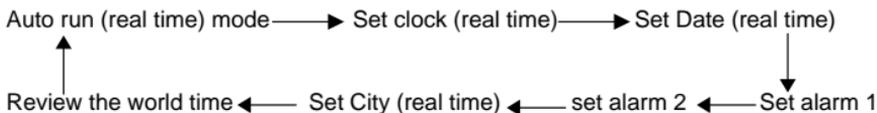## Clock operation (operate without RC signal)

Your clock is designed to operate by either synchronizing with the RC signal or built-in quartz oscillation, which means your clock can always be working even after you have left the RC signal transmitting area.

Weak or no RC signal is detected:

When there is a weak RC signal (not enough for synchronizing), the "0:00" will appear. Please set the clock manually. (Please refer to the clock setting section).

View your clock functions with mode button

Your clock is designed to view its varied functions by pressing **mode button** (8)
Please see below chart for reference:

Auto run (real time) mode ⟶ Set clock (real time) ⟶ Set Date (real time)

Review the world time ⟵ Set City (real time) ⟵ set alarm 2 ⟵ Set alarm 1

NOTE: When no button has been pressed for 15 seconds and is not in auto run mode
your unit will switch back into auto run mode automatically.

Setting the time and date for real time

1 Press the **mode button** (8) and the current real time will be flashing.
2 Press **forward button** (14) or **backward button** (15) to change the setting by 1
   minute per step. Press and hold the **forward** or **backward button** (for
   approximately 3 seconds) to change the setting in fast mode of 10 minutes per
   step.
3 Press the **mode button** (8) again to confirm the current setting and enter into the
   date setting mode.
4 Press the **forward button** (14) or **backward button** (15) to change the setting by
   1 day per step. Fast setting as above. (The date will be flashing in the LCD when
   setting).
5 Press **mode button** (8) 3 times to confirm the current setting and enter into real
   time city setting mode. Press the **forward button** (14) or the **backward button**
   (15) to change the setting.
6 Press **mode button** (8) several times to return to auto run mode.

   The clock will reset itself to the correct time at the following times 12:00, 01:00,
02:00 and 03:00 when in auto mode.

Reviewing / setting the alarm 1 and alarm 2

1 To review/set the alarm 1 time by pressing the **mode button** (8) three times and the previous alarm setting will appear (the time and week days will be flashing).
2 Press the **alarm (on/off) button** (9) to enable/disable alarm.
  The alarm enable symbol ⏰ will appear if you have activated the Alarm 1.
3 Press the **weekend alarm (on/off) button** (7) to enable/disable the weekend alarm off function (5 of the weekday indicators Mo-Fr) will appear when the weekend alarm off function was enabled and 7 of the weekday indicators (Su-Sa) will appear when the weekend alarm off function is disabled.
4 Press the **forward button** (14) or **backward button** (15) to change the setting by 1 minute per step. Press and hold the **forward** or **backward** key (for approximately 3 seconds) to change in fast mode 10 minutes per step.
5 Press the **mode button** (8) once to enter into the alarm 2 setting mode, the current setting is confirmed or if no key is pressed for 15 seconds it will return to real time with the current setting confirmed.
6 Repeat the above setting process for Alarm 1 (step 2 – step 6) to set alarm 2. (The alarm enable symbol ⏰ will appear if you have activated alarm 2).
7 Press the **mode button** (8) several times until it returns to auto run mode. Then turn the **function switch** (4) to 'auto' position.
8 Turn the **volume/buzzer** (12) to select between wake up by buzzer alarm or radio. Select your desired radio station by using the **tuning knob** (10) and **band selector** (11) and desired volume by **volume control** (12) if you wish to wake up by radio

Note:
(a) The alarm 1 and alarm 2 can only be activated and cancelled at the alarm setting mode by pressing the **alarm button** (9).
(b) The duration period for the buzzer alarm or radio is 59 minutes.

Setting the world time

1 Press the **mode button** (8) six times to enter into the world time setting mode. (The current world time setting will appear and the world city will flash)

2   Press the **forward button** (14) or **backward button** (15) to change the setting by 1 zone per step.
3   Press the **snooze button** (7) to enable (or disable) the daylight saving function. When daylight saving is enabled the ☀ symbol will become solid.
4   Press **mode button** (8) once to return to the auto run mode with the current setting confirmed or if no key is pressed for 15 seconds, the unit will return to the auto run mode automatically with the current setting confirmed as valid.

Note:

(a) Please refer to page 11 (reference 2) for the details between city names and abbreviations.
(b) For the detailed 24 hour world time zone, please refer to page 11 (reference 3).

When alarm is active

1   When any alarm is activated the buzzer or radio, press the **snooze button** (7) and the buzzer/radio will be turned off temporarily for approximately 9 minutes and the ♪ and/or ♪ symbol will flash. (The duration of the snooze function is 59 minutes).
2   To disable the alarm for at least 24 hours press **alarm button** (9). (The alarm button can also disable the snooze function).

Note:

(a) When the sleep mode, alarm 1, alarm 2 collides the latest has priority.
(b) As the alarm is activated, the sleep mode, if set, is terminated immediately.
(c) If set to radio alarm ensure that your desired programme will be transmitted at the alarm time.

Wake to pillow speaker

1   Set the desired alarm time as mentioned.
2   Plug in the pillow speaker (3) into the jack at the back of the clock. Buzzer or radio will sound to wake you at the preset time. Press the **snooze button** on the pillow speaker or the main unit until the alarm is disabled.
3   To turn the pillow speaker (3) off, slide the **function switch** (4) to the 'off' position or press the **alarm** set/off button (9).

Radio operation
1 To turn the radio on, slide the **function switch** (4) to the on position.
2 Slide the **band selector** (11) to your desired waveband FM or MW.
3 Adjust the **volume control** (12) to the desired level.
4 Turn the **tuning knob** (10) to select your desired station.
5 To turn off the radio, slide the **function switch** (4) to off position.

Sleep to radio
1 To activate the sleep function press **sleep button** (16). (The sleep function works
  on auto run mode with the **function switch** (4) not set to on position.
2 As the sleep function is being activated, the ⊨ symbol will be shown on the
  display and the previous setting of sleep duration will appear for at least 2
  seconds. (The default setting of sleep function is 1 hour).
3 To change the duration of the sleep mode, press **forward button** (14) or
  backward button (15) whilst the sleep duration is shown on the display. (The
  sleep function duration can be set within 1 minute to 1 hour 59 minutes.)
4 The sleep function will be terminated when any of the following events happen:
  -   press snooze button (7) once
  -   move the **function switch** (4) to the on position
  -   when any alarm is active (buzzer alarm or radio was activated by the alarm)

Auto alternate display (show function)
1 When at the auto run mode, press the **show button** (15) to select between
  showing the real time only, real time with world time, real time with date, real time
  with world time and date. The symbol "— —" will appear when the display is set
  to show the real time only.

Note:
(a) The symbol "— W" will appear when the display is set to show the real time and world time with city name.
(b) The symbol "D—" will appear when the display is set to show the real time and the date.
(c) The symbol "D W" will appear when the display is set to show all information.
(d) The display will change showing for each information after approximately 2 seconds.

Maintenance

Do not expose your clock radio to extremes of temperature. The product should be kept in a warm environment free from dust and damp. For external cleaning use only a soft, clean, damp cloth. Use of detergents may damage the finish.

Technical specification

AC Power supply	:	230v AC $\sim$ 50Hz
Battery back-up	:	2 x AAA (not provided)
Radio	:	FM 88Mhz - 108Mhz
	:	MW 540Khz - 1600Khz

Warning labels

WARNING: to reduce the risk of electric shock, do not expose this appliance to rain or moisture.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION: To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside the unit. Refer any servicing to qualified personnel.

The lightning flash with arrowhead symbol within the triangle is a warning sign alerting the user of 'dangerous voltage' inside the unit.

The exclamation point within the triangle is a warning sign alerting the user of important instructions accompanying the product.
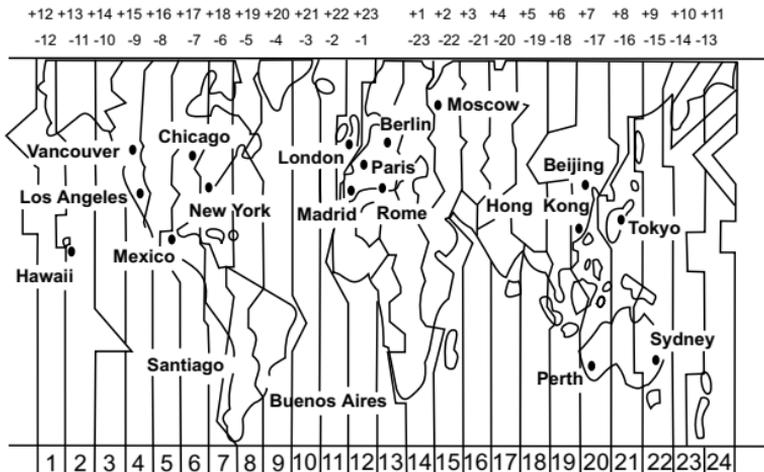
To prevent fire or shock hazard do not expose this apparatus to dripping and splashing.

Reference 2

World city name with abbreviation

Abb	Time diff	City	Abb	Time diff	City
LON	0.00	London	WLG	+12.00	Wellington
MUN	+1.00	Munich	-11	-11.00	(GMT -11)
CAI	+2.00	Cairo	HNL	-10.00	Honolulu
MOW	+3.00	Moscow	ANC	-9.00	Anchorage
DXB	+4.00	Dubai	LAX	-8.00	Los Angeles
KHI	+5.00	Karachi	DEN	-7.00	Denver
DAC	+6.00	Dhaka	CHI	-6.00	Chicago
BKK	+7.00	Bangkok	NYC	-5.00	New York
HKG	+8.00	Hong Kong	CCS	-4.00	Caracas
TYO	+9.00	Tokyo	RIO	-3.00	Rio de Janeiro
SYD	+10.00	Sydney	-2H	-2.00	(GMT -2)
NOU	+11.00	Noumea	-1H	-1.00	(GMT -1)

Reference 3

Guarantee

Morphy Richards products are manufactured to internationally accepted quality standards. In addition to your statutory rights, Morphy Richards guarantee your product to be free from manufacturing and component defects for a period of TWO YEARS from date of purchase.

If your product proves to be defective within 28 days of purchase, your Morphy Richards dealer from whom the product was purchased will be pleased to replace it free of charge.

Should your product develop a defect within the guarantee period but after the replacement period, please return the product to the following address, together with the proof of purchase, brief details of the symptoms and your own name and address.

After Sales Division
Morphy Richards Limited
Talbot Road
Mexborough
South Yorkshire
S64 8AJ

Your post office will provide a certificate of posting. The product will be repaired and returned to you promptly.

If you need any further advice, please call our Helpline on: 0870 060 2614 (Mon-Fri)

Morphy Richards Website: www.morphyrichards.co.uk

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Morphy Richards Ltd, Talbot Road, Mexborough, S64 8AJ

Morphy Richards products are intended for household use only.
Morphy Richards has a policy of continuous improvement in product quality and design.
The company, therefore reserves the right to change the specification of its models at any time.