DIGITAL RADIO-FREQUENCY (RF) CONTROLLED CLOCK
MODEL: RM802 (UK VERSION RM803)
INSTRUCTION MANUAL

INTRODUCTION
Congratulations on your purchase of the RF controlled clock (RM802), the RM802 / RM803 is a multifunction (RF) controlled clock, it can automatically synchronize to current time and date when brought within an approximate 500 km radius of the radio DCF77 signal transmitted by the MW station DCF 77 from Frankfurt, Germany (the UK version from MSF Rugby, England).

Other features of the RM802 include:
- Backlight for easy reading in the dark
- Displays time, date and day of the week in 4 languages (EN/DE/FR/ES)
- One second time-base display with time, date and day of the week
- Alarm tone at 8:00 a.m. per minute
- 2-minute crescendo alarm that increases in volume & low battery indication.

DESCRIPTION OF PARTS (FIG. A)
A. [P] Radio reception signal
B. 3-line LCD
C. [1-9] [0]/[0-9]/[7] button
D. [[1][1] [[0][1] [[0][1] button
E. [E] Battery-low indicator
F. (1)[1] Alarm icon
G. [P] Alarm-on button
H. [M] Main/night button
I. [O] (occupied) button
J. [L] Battery compartment
K. Table stand

BATTERY INSTALLATION
The unit uses two (2) UM-4 or "AAA" size batteries.

To install batteries:
1. Pull the back cover as indicated.
2. Insert the battery pack as shown in the polarities shown in FIG. B
3. Replace the battery compartment door.

Note: Battery low indicator: When the battery low indicator lights up, replace the battery when the battery low indicator lights up.

ABOUT RADIO RECEPTION
The RM802 / RM803 is a radio frequency (RF) controlled clock, When located within a 1500km radius of radio station DCF77 at Frankfurt, Germany, the clock will automatically synchronize to current time and date when brought into an approximate 500 km radius of the radio DCF77 signal. The benefit of a RF controlled clock is that highly accurate time is maintained and manual adjustments to the time and date are not required.

When the batteries are first installed, the RM802 / RM803 will automatically search for a radio signal.

When in search mode, the antenna icon [P] will blink. This process takes between two (2) and two (10) minutes. After initial search, short periodic reception scans will commence several times a day.

HOW TO SET THE CALENDAR CLOCK MANUALLY
When the unit is outside of the 1500km radius of the radio signal generated from DCF77 Frankfurt, Germany (UK version MSF Rugby), the unit may require manual setting.

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Display description for each time / date / time-zone mode
- Press [MODESET]. The display will advance in the order as mentioned above.

Note: The button field of the display will be illuminated by the alarm unit if [ALARM] is pressed.

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The antenna icon indicates the quality of reception.

CALENDAR CLOCK DISPLAY MODES
The RM802 / RM803 supports four display modes in the sequence of:

MODEL 1 Local Time
Hour, Minute, Seconds
Day, Month

MODEL 2 Local Time
Hour, Minute, Day-of-the-Week
Day, Month

MODEL 3 Local Time/Second Time-Zone Time
( local time ) Hour, Minute, Day-of-the-Week
( second time ) Hour, Minute, Day, Month

MODEL 4 Second Time-Zone
Hour, Minute, Day-of-the-Week
Day, Month

Display description for each time / date / time-zone mode
- Press [MODESET]. The display will advance in the order as mentioned above.

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HOW TO SET THE CALENDAR CLOCK MANUALLY
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To manually set the clock:
Press [MODE/S] and hold for 3 seconds.

Steps Setting Action
1. Hours
2. Minutes
3. Current Date
4. Month
5. Day-of-the-week
6. Offset for other time zones

Note: "ZONE" is shown [see Time Zone Offset Table (FR, CI)]
EC-DECLARATION OF CONFORMITY
This product contains the approved transmitter module TX-01 and complies with the essential requirements of Article 3 of the R&TTE Directive, 1999/5/EC. The product has been assessed by its intended use and that the following standards have been applied:

- Efficient one of radio frequency spectrum (Article 3.2 of the R&TTE Directive)
  - EN 300 220-1(2,3):1997
- Electromagnetic Compatibility (Article 3.1c of the R&TTE Directive)
  - EN 301 489-1 & 2:1996

Safety of Information technology equipment
(IEC 60950-1 : 1999)
- EN 60950:1997

Additional Information:
The product is safety certified to the Low Voltage Directive 89/336/EC and R&TTE Directive 1999/5/EC (Annex II) and carries the respective CE marking.

Robert Press
R&TTE Representative of manufacturer:

CE 0682
R&TTE Compliance Countries:
ABEC Countries, Switzerland
And Norway

CAUTION
- The content of this manual is subject to change without further notice.
- Due to printing limitations, the displays shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

THE TABLE STAND
To set the unit on a flat surface, rotate the table stand outward.

SPECIFICATION
- 24-h display: 24 h or 12 h
- 12-h display: 12 h or AM/PM
- Day-of-the-week: abbreviations in 4 languages (E, P, D, I)
- Second time zone: current date, time and day
- Dual alarm time: Two (2) minute chimes
- Power: Two (2) UM4 or "AAA" size batteries
- Size: 90 x 69 x 32 mm (L x W x D)
- Weight: 76 g (without battery)