RADIO CONTROLLED THERMO CLOCK
USER'S INSTRUCTIONS

Thank you for your purchase of this quality clock. The utmost care has gone into the design and manufacture of your clock. Please read these instructions carefully and keep the manual well for future reference.

GETTING STARTED

1. Remove the battery door by slightly pressing the knob to the right.
2. Insert 3 new AAA size batteries according to the polarity information marked on the battery compartment.
3. Close the battery door.
4. When the batteries are inserted, all the segments of LCD will be shown briefly before entering the radio controlled time reception mode.
5. The RC clock will automatically start scanning for the radio controlled time signal in 5 minutes.

Note:

If there is no display on the LCD after inserting the batteries, try to replace with 3 new AAA size batteries or press the "RESET" key by using a metal wire. In some cases, you may not receive the RC signal immediately. Due to the atmospheric disturbance, the best reception often occurs during nighttime.
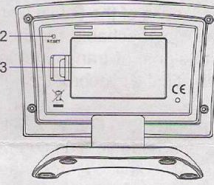
FUNCTION KEYS

RESET key: Press it to reset all values to default values.
In case of mal-function, the unit may be required to reset.

SNOOZE/LIGHT key: Press it to turn on the backlight for 5 seconds.
Press it to stop the current alarm when it is sounding.
Press and hold it for 3 seconds to receive the RC signal for reception testing.

TIME&12/24 HR key: Press it to switch between 12 and 24 hour formats.
Press and hold it for 2 seconds to enter the normal time setting mode.

ALM 1/ALM 2 key: Press it to switch between Alarm1 and Alarm2 mode.
Press and hold it for 2 seconds to enter the alarm time setting mode.

CAL & °C/°F key: Press it to switch between Celsius and Fahrenheit.
Press and hold it for 2 seconds to enter the calendar setting mode.

ADJ key: In setting mode, press it to change the setting values.

ALM 1 ON/OFF key: Press it to turn on/off the Alarm 1.

ALM 2 ON/OFF key: Press it to turn on/off the Alarm 2.

MIN/MAX key: Press it to check the maximum and minimum temperature.
Press and hold it for 2 seconds to delete the Maximum and Minimum temperature.
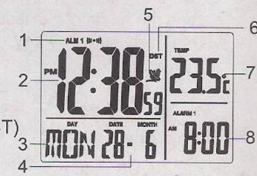
YEAR key: Press it to check the year.

PRODUCT DESCRIPTIONS

1. SNOOZE/LIGHT key
2. LCD display
3. TIME & 12/24 HR key
4. ALM 1/ALM 2 key
5. CAL & °C/°F key
6. ADJ key
7. ALM 1 ON/OFF key
8. ALM 2 ON/OFF key
9. MIN/MAX key
10. YEAR key
11. Table stand
12. RESET key
13. Battery door

LCD DISPLAY SYMBOLS

1. Alarm icon
2. Normal time
3. Day of the week
4. Date & Month
5. Signal strength indicator
6. Daylight Savings Time (DST)
7. Temperature
8. Alarm time

DAYLIGHT SAVINGS TIME (DST)

The clock has been programmed to automatically switch when the daylight savings time is in effect. Your clock will show "DST" during the summer.

SIGNAL STRENGTH INDICATOR

The signal indicator displays signal strength in 4 levels. Wave segment flashing means time signals are being received. The signal quality could be classified into 4 types:

No signal quality   Weak signal quality

Acceptable signal quality   Excellent signal quality

If the RC clock receives signal successfully, a sync-time symbol " ☊ " will appear on the LCD.
The unit has already synchronized with the time signal transmitter. Otherwise the antenna segment will disappear from the LCD display.

Note:

You may use the "SNOOZE/LIGHT" key to receive the time signal manually. Be cautious of using the RECEIVE mode, which consumes more battery power and thus may reduce the battery lifetime. The RECEIVE mode will be off automatically in 6-12 minutes.

CALENDAR SEETING

1. Press and hold the "CAL & °C/°F" key for 2 seconds to enter the Calendar setting mode with the Year digit flashing.
2. Press the "ADJ" key to change the value of the flashing Year digit.
3. Repeat the above operations to set calendar in this order: Year > Month > Date.

4. Press the "CAL & °C/°F" key to save and exit the setting mode, or let it exit automatically 30 seconds later without pressing any key.

YEAR setting   MONTH setting   DATE setting

NORMAL TIME SETTING

If you are out of reach of the Radio Controlled transmitter or if the reception is not reachable, the time can be set manually. As soon as the signal of transmitter is received again, the clock will automatically synchronize with the exact time.

1. Press and hold the "TIME&12/24 HR" key for 2 seconds to enter the normal time setting mode.
2. Press the "ADJ" key to change the value of the flashing Hour digit.
3. Repeat the above operations to set the Minute.
4. Press the "TIME&12/24 HR" key to save and exit the setting mode, or let it exit automatically 30 seconds later without pressing any key.

HOUR setting   MINUTE setting

ALARM TIME SETTING

1. Press the "ALM 1/ALM 2" key to enter the Alarm1/Alarm2 mode.
2. Press and hold the "ALM 1/ALM 2" key for 2 seconds to enter the Alarm1/Alarm2 time setting mode.
3. Press the "ADJ" key to change the value of the flashing alarm Hour digit.
4. Repeat the above operations to set the alarm Minute.
5. Press the "ALM 1/ALM 2" key to save and exit the setting mode, or let it exit automatically 30 seconds later without pressing any key.

HOUR setting   MINUTE setting

USING THE ALARM AND SNOOZE FUNCTION

1. Set the alarm time as described in the previous section.
2. Press the "ALM 1 ON/OFF" or "ALM 2 ON/OFF" key once to turn on the Alarm1 or Alarm2 with the icon "((•))" displayed on the LCD.
3. Press the "ALM 1 ON/OFF" or "ALM 2 ON/OFF" key again to turn off the Alarm1 or Alarm2 until the icon disappears.

Note:

1. When you turn on the alarm, the Snooze function will be activated automatically.
2. Once the Snooze function is activated, the 4-step crescendo alarm will sound 4 times in 10-minute interval. The alarm duration is 60 seconds.
3. Press the "SNOOZE/LIGHT" key to turn off the current alarm and enter the snooze mode; while pressing the "ALM 1 ON/OFF" or "ALM 2 ON/OFF" key not only can turn off the alarm but also can turn off the snooze function.

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BATTERY REPLACEMENT

When the LCD becomes dim, replace with 3 new AAA size batteries at once according to the polarity information marked on the battery compartment.

Note:

Attention! Please dispose of used unit or batteries in an ecologically safe manner.

Suggestion:

Make sure you read the instructions before operating this delicate clock. We have developed this sophisticated instrument for the best reception performance; however, the signal transmitted from U.K. or Germany Atomic Clock transmitter will be affected in certain situations. We advise you to note the following instructions:

1. It is strongly recommended starting this clock at night and let the clock receive the signal automatically during midnight.
2. Always place the unit away from interfering sources such as TV set, computer, etc.
3. Avoid placing the unit on or next to metal plates.
4. Closed area such as airport, basement, tower block or factory is not recommended.
5. Do not start reception in moving articles such as vehicles or trains.

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