

RADIO CONTROLLED CLOCK WITH THERMOMETER

USER'S INSTRUCTIONS

GETTING STARTED

1. Remove the battery door by slightly pressing the knob upwards.
2. Insert two new AAA size batteries as per indication marked on the battery compartment.
3. Close the battery door.
4. Once the battery is inserted, all the segments of the LCD will show briefly before entering the radio controlled time reception mode.
5. The RC Clock will automatically start scanning for the radio controlled time signal after 10 seconds.
6. FOR WWVB VERSION ONLY:
The default time zone is Pacific zone. If you are in this time zone, changing is not required. Otherwise, change to the correct time zone (Refer to 'Select the Time Zone'.)

Note:

If there is no display on the LCD after inserting the battery, try to replace with two new batteries or press RESET key by using a metal wire. In some cases, you may not receive a signal immediately. Due to atmospheric disturbances, the best reception often occurs during night time.

FUNCTION KEYS

SNOOZE/LIGHT key: Turn the back light on, stop the current RC reception or stop the alarm sound during its activation.

MODE key: Switch between Normal Time Mode and Alarm Time Mode.

SET key: In normal time mode, toggle between °C and °F format. In editing mode, step the setting items.

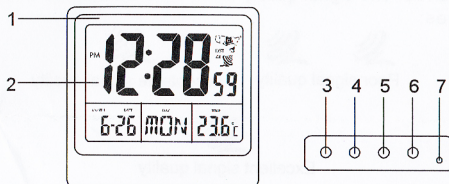
ADJUST key: In normal time mode, toggle between Date/Month and Year display. In normal time setting mode, change the setting value. In Alarm time mode, switch ALARM/SNOOZE function ON/OFF.

RECEIVE key: Press "RECEIVE" button to receive the signal for reception testing. Check the signal strength indicator in the first 30 seconds. If the signal strength indicator is in acceptable signal quality, fix the clock here. Otherwise, place the clock in other position and press the "RECEIVE" button again, the reception will be off automatically after 6-12 minutes.

RESET key: In case of mal-function after insert of battery, use a pin to press the RESET key to restart the clock.

PRODUCT DESCRIPTIONS

1. LCD display
2. MODE key
3. SET key
4. ADJUST key
5. RECEIVE key
6. SNOOZE/LIGHT key
7. RESET key

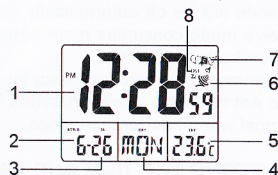


DISPLAYS SYMBOLS

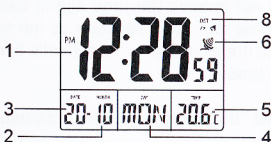
Normal Time Mode

1. Time
2. Month
3. Date
4. Day of the week
5. Temperature
6. Signal Strength Indicator
7. Time zone map (WWVB version only)
8. Daylight Savings Time

(WWVB VERSION)

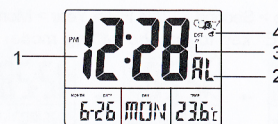


(DCF / MSF VERSION)



Alarm Time Mode

1. Alarm time
2. Alarm mode
3. Snooze icon
4. Alarm icon



SELECT THE TIME ZONE (FOR WWVB VERSION ONLY)

Make sure the time zone is already set to appropriate location. The default time zone is Pacific zone. If your location is out of Pacific zone, please do the following steps:

1. In the normal time mode, press the MODE key to enter the alarm time mode.
2. Press the SET key to change the time zone.
P=Pacific M=Mountain C=Central E=Eastern

DAYLIGHT SAVINGS TIME (DST)

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

SIGNAL STRENGTH INDICATOR

The signal indicator displays signal strength in 3 levels. Wave segment flashing means time signals are being received. The signal quality could be classified into three types:




Poor signal quality



Acceptable signal quality



Excellent signal quality

If the RC clock receives signal successfully, a Sync-time symbol  appears on LCD.

The unit has already received the time signal. Otherwise the signal strength symbol will disappear from the LCD display.

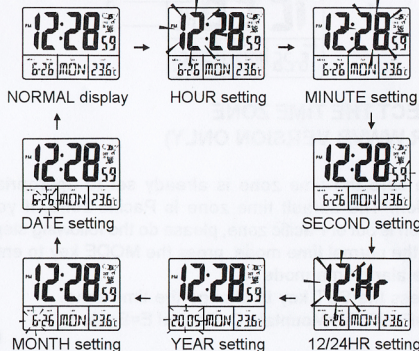
Note:

1. You may use the RECEIVE button to receive the time signal manually. Be caution of using the RECEIVE mode. The receive mode will be off automatically after 6-12 minutes. Receive mode consumes more battery power that may reduce battery lifetime.
2. Under the environment with radio frequency interference, the unit could not maintain communication link and resume to normal when interference stops.

MANUALLY SETTING THE TIME AND DATE

If the clock does not receive the time signal successfully, you can set the time manually. As soon as the transmitter is received again, the clock will automatically synchronize with the receive time.

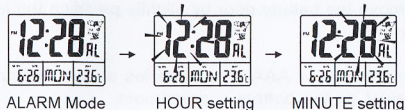
1. Press and hold "SET" key for 2 seconds until HOUR digit flashes.
2. Press "ADJUST" key to increase the value of the flashing digit.
3. Press "SET" key again to step the setting items. The sequence is:
Hour > Minute > Second > 12/24 HR > Year > Month > Date.
4. Press "MODE" key to exit the setting mode.




3

SETTING THE ALARM

1. In the Normal Time Display, press "MODE" key to enter the Alarm Time Mode.
2. Hold "SET" key for 2 seconds until HOUR digit flashes.
3. Press "ADJUST" key to increase the alarm hour value.
4. Repeat the above operation to set the alarm minute.
5. Press "MODE" key to exit the setting mode.



USING THE ALARM AND SNOOZE FUNCTION

1. Set the Alarm time as described in the previous section.
2. Activate the Alarm by pressing the "ADJUST" key so that the bell icon  appears.
3. Activate the Snooze by pressing the "ADJUST" key so that the snooze icon "Zz" appears.
4. To de-activate the alarm and snooze function, press the "ADJUST" key until both icons disappear.

Note:

When the snooze function is activated, the alarm will automatically start again after 4 minutes, total 4 times. It won't sound again afterwards until the next day.

BATTERY REPLACEMENT

When the LCD becomes dim, replace with two new AAA size batteries at once. Pay attention to the battery polarity.

IMPORTANT

For best reception, please read the following instructions:

1. This sophisticated instrument will automatically receive the time signal transmits from American Atomic Clock transmitter, UK or German Atomic Clock transmitter. (This depends on which version you purchase).
2. It is strongly recommended to start this clock at night and allow the clock to receive the signal automatically overnight.
3. Always place the unit away from interfering sources such as TV set, computer, etc.
4. Avoid placing the unit on or next to metal surfaces.
5. Closed area such as airport, basement, tower block, or factory is not recommended.
6. Do not start reception in a moving article such as vehicle or train.



4