

RADIO CONTROLLED CLOCK (C-853/C-857/C-858 WWD)

IMPORTANT

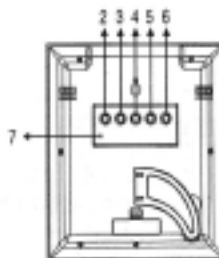
Make sure you read the message before operating this delicate clock. Even we fine-tuned this sophisticated instrument for the best reception performance, the signal transmitted from American Atomic Clock transmitter will be affected under certain situations. We suggest you note the following points:

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



Product Descriptions

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



Display symbols

Normal Time Mode

1. Time code
2. Signal Strength Indicator
3. Clock
4. Day of the week
5. Month
6. Date
7. Daylight Saving Time



Alarm Time Mode

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



Getting Start

1. Remove the battery door by slightly pressing the knob downwards.
2. Insert one new AA size battery as per indication marked on the battery compartment.
3. Close the battery door.
4. When the battery is inserted, all the segments of the 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 after 10 seconds.
6. The default time zone is Pacific time. If you are in this time zone, changing is not required. Otherwise, change to the correct time zone. (refer to the Select the Time Zone).

Note: If there is no display on the LCD after inserting the battery, try to replace a new battery 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

- MODE key:** Switch between Normal Time Mode and Alarm Time Mode.
- SET key:** In normal time mode, toggle between 12 and 24 hour format. In editing mode to step the setting sequences.
- ADJUST key:** In normal time mode, toggle between Date/Month and Year display. 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 10 minutes.

SNOOZE key: Stop the alarm sound or press any button when the bell rings.

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

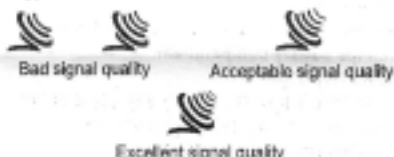
Select the time zone


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 "MODE" key to enter the alarm time mode.
2. Press "SET" key to change the time zone:
Pacific Mountain Central Eastern

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:



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

The unit is already synchronized with the time signal transmitter. Otherwise the antenna segment will disappear from the LCD display.

Note: 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 10 minutes. Test mode consumes more battery power that may reduce battery lifetime.

Manually Setting the Time and Date

Once you go travelling outside your country, you are required to set the clock manually.

1. Remove the battery from the battery compartment for 30 seconds. Insert the battery again.
2. Press "SET" key for 2 seconds until HOUR digit flashing.
3. Press "ADJUST" key to increase the value of the flashing digit.
4. Press "SET" key again to step the setting items. The setting sequence will be:
Hour > Minute > Second > Month > Date > Year.

5. Press "MODE" key to exit the setting mode.



About the Daylight Saving Time(DST)


During summer time, 1 hour is advance. DST is shown on the LCD display. The clock will change to the DST time automatically in the summer time.

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 flashing.
3. Press "ADJUST" key to increase the setting value.
4. Press "SET" key again to step the setting items. The sequence will be: Hour > 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, press the "ADJUST" key until both icons disappear.

Note: When the snooze function is activated, the alarm will automatically "snooze" once every 4 minutes, total snooze 4 times, each snooze will last for 1 minute.

Specification

1. Time code: WWVB(American version)
2. Recommended operating temperature: 0°C to +50°C
3. Power source: 1 x AA (1.5v / pc)
4. Battery lifetime: 12 months approximately (Alkaline battery recommended)

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