

RADIO CONTROLLED CLOCK WITH PROJECTOR

USER'S INSTRUCTIONS

GETTING STARTED

1. If using the DC Adaptor to power the clock, plug the adaptor into the left side of the clock. If using battery, install 2 AA size batteries into the battery compartment, pay attention to the polarity.
2. When the clock is power on, all the segments of the LCD will be shown briefly before entering the radio controlled time reception mode.
3. The RC clock will automatically start scanning for the radio controlled time reception mode.

Note:

1. If there is no display on the LCD after inserting the battery, press RESET key by using a metal pin. Due to atmospheric disturbances, the clock may not receive the signal immediately, try to reset the clock again during night time.
2. If using battery and DC Adaptor at the same time, the unit will automatically select the Adaptor Power for both clock and projector.

FUNCTION KEYS

SNOOZE/LIGHT key:

- Turn the projector and EL on. Stop the current alarm when the bell is ringing.

MODE key:

- Switch between normal time mode and alarm time mode.

SET key:

- In normal time mode, toggle between °C/°F temperature format.
- In setting mode, step the setting items.

ADJUST key:

- Toggle between Date/Month and Year display.
- In alarm time mode, switch ALARM/SNOOZE function on or off.
- In setting mode, adjust the value of the flashing digit.

RECEIVE key:

- Press it to receive the signal for reception testing. If the signal is in acceptable signal quality in the first 30 seconds, leave the clock there. Otherwise, place it in other positions and press it again.

RESET key:

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

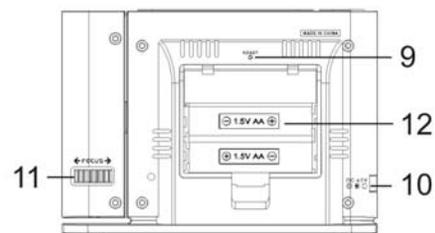
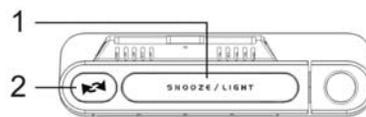
FOCUS key:

- Adjust the clearness of the projector.

PRODUCT DESCRIPTIONS

1. SNOOZE/LIGHT key
2. REVERSE key
3. LCD display
4. PROJECTOR
5. MODE key
6. SET key
7. ADJUST key
8. RECEIVE key
9. RESET key
10. DC adaptor
11. FOCUS key

12. Battery compartment



DISPLAY SYMBOLS

Normal time mode

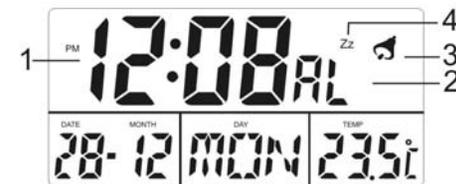
1. Time
2. Month
3. Date
4. Day of the week
5. Temperature
6. Signal strength indicator
7. Daylight savings time
8. Low battery indicator



Alarm Time Mode

1. Alarm time

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



ABOUT THE DAYLIGHT SAVING TIME (DST)

The clock has been programmed to automatically switch when daylight saving 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 four 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. The receive mode will stop automatically after 6-12minutes. Test mode consumes more battery power that may reduce battery lifetime.

USING THE PROJECTOR

Press the SNOOZE/LIGHT key to turn the projector on, rotate the projector to project the light beam on a dark background within 1-4 meters, the projected data (time & temperature) will be displayed as following:



LCD



Projected data

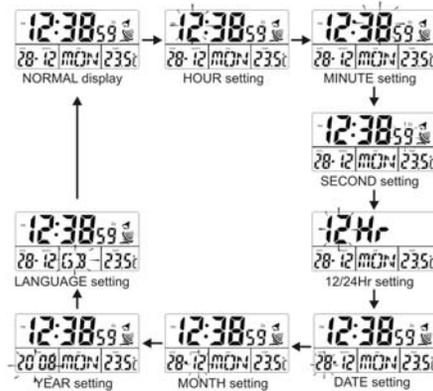
Note:

1. Press the SNOOZE/LIGHT key once, EL back light and the projection last for 5 seconds, then press the “↺” key to reverse the projected data.
2. Press the SNOOZE/LIGHT key for 3 seconds, the projection keeps on for 30 minutes unless pressing the SNOOZE/LIGHT key again, pressing “↺” key will reverse the projected data.
3. If using DC power, the projected data will be always on. Press SNOOZE/LIGHT key first, then the “↺” to reverse the projected data.
4. The rotate angle of the projector is $\pm 90^\circ$.
5. Adjust the quality of the projected data by using the FOCUS key.

MANUALLY SETTING THE TIME AND DATE

If the clock does not receive the time signal successfully, you can set the clock manually.

1. Press “SET” key for 2 seconds until HOUR digit flashing.
2. Press “ADJUST” key to increase the value of the flashing digit.
3. Press “SET” key again to step the setting items. The setting sequence will be: Hour > Minute > Second > 12/24Hr > Date > Month > Year > Day language
4. Press ADJUST key to select the day language: GB=English, FR=French, DE=German, ES=Spanish IT=Italian
5. Press “MODE” key to exit the setting mode.



SETTING THE ALARM

1. In normal time display, press “MODE” key to enter the Alarm Time Mode.
2. Press “SET” key for 2 seconds until the 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.

Note:

When the snooze function is activated and the snooze button will be pressed while alarm the alarm will automatically start again after 4 minutes, total 4 times. The alarm duration is 120 seconds.

BATTERY REPLACEMENT

Under battery operation, when the

low battery indicator “🔋” displayed, replace with 2 new AA size batteries. Pay attention to the battery polarity.

IMPORTANT

Make sure you read the instructions before operating this clock. The signal reception from German Atomic Clock transmitter will be affected under certain situations. We suggest you note the following points:

1. It is recommended to let this clock run over night time and let the clock receive signal automatically during midnight, if the reception is not possible while daytime.

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 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.

