

RC CLOCK WITH PROJECTOR

USER'S INSTRUCTIONS

Getting Started

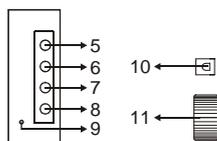
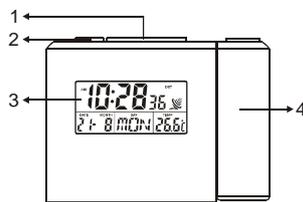
1. If using the DC Adaptor to power the clock, plug the adaptor into the left side of the clock. If using battery, insert **2pcs AA** batteries into the battery compartment, pay attention to the polarity.
2. When the clock is power on, all the segments of the LCD will be shown briefly before entering the radio controlled time reception mode.
3. The RC clock will automatically start scanning for the radio controlled time signal after 10 seconds.

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.

Product Descriptions

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



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



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Alarm Time Mode

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



Function Keys

PROJECTOR ON/OFF key: Turn the projector and EL on.

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.

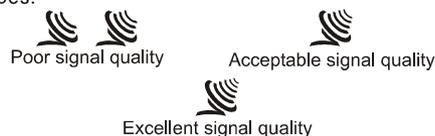
ADJUST key: Toggle between Date/Month and Year display. In alarm time mode, switch ALARM/SNOOZE function on or off. In setting mode, adjust the value of the flashing digit.

RECEIVE key: Press "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, use a pin to press the RESET key to re-start the clock.

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.

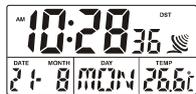
The unit is already synchronized with the time signal transmitter. Otherwise the antenna segment will disappear from the LCD display.

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 6-12 minutes. Test mode consumes more battery power that may reduce battery lifetime.

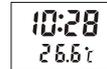
Using the Projector

Press the PROJECTOR ON/OFF key to turn the projector on, rotate the projector to project the light beam to a dark background within 1~4 meters, the projected data (time & temperature) will be displayed on the dark background as following diagrams.

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LCD



Projected data

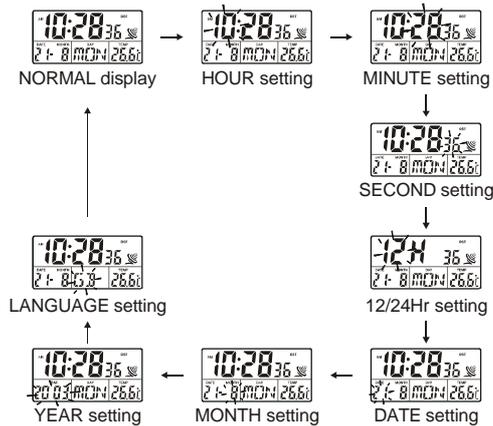
Note:

1. Press the PROJECTOR ON/OFF key once, EL back light and the projection last for 5 seconds.
2. Press the PROJECTOR ON/OFF key for 3 seconds, EL back light lasts for 5 seconds and the projection keeps on for 30 minutes unless pressing PROJECTOR ON/OFF key again.
3. The rotated angle of the projector is $\pm 90^\circ$.
4. Press the key to reverse the projected data.
5. Adjust the quality of the projected data by adjusting 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.



About the 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.

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 start again after 4 minutes, total 4 times then not sound again until the next day. The alarm duration is 120 seconds.

Battery Replacement

Under battery operation, when the low battery indicator "X" displayed, replace with two new AA size battery. Pay attention to the battery polarity.

IMPORTANT

Make sure you read the instructions before operating this delicate clock. We have this sophisticated instrument for the best reception performance, the signal transmitted from Germany or UK 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 receive 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 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.

