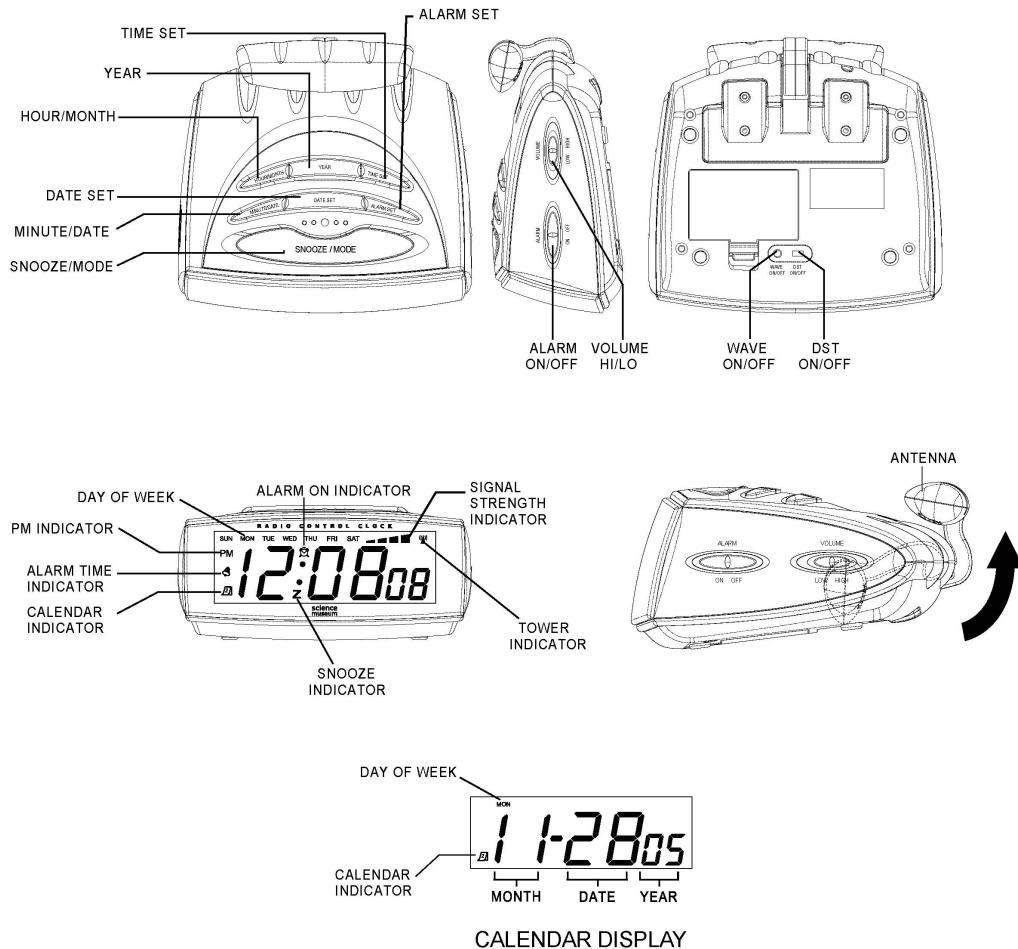


# Radio Controlled LED Alarm Clock Instruction Manual – SM2442

## Location Precaution

This clock receives a radio wave much like a TV or radio. Be sure to locate it near a window or some other location where reception is good. It is important to select a location where this clock will be at least 6 feet away from a television, computer, air conditioner, or other household appliances. These appliances will interfere with the signal and may prevent the clock from receiving the signal. This is similar to placing an AM radio near an operating appliance. The interference will cause static and poor reception. It is also important not to place this clock on a metal surface.

## Features & Controls



## Fast Set-up

1. Slide the Daylight Saving Time (DST) switch to ON position.
2. Plug in your clock.
3. Your clock will display 12:00 00 for a while and then start searching for the radio signal.
4. Your clock will display the signal strength while receiving and the **Tower Indicator** will begin blinking.
5. Your clock will set itself to the correct time. This can take anywhere from 10 minutes up to 24 hours.

## Signal Strength Detection

1. The **Signal Strength Indicator** located at the right top corner of the display will indicate the level of signal strength.
2. For optimal signal strength, place your clock near a window. If the clock has poor signal reception, move it to another location.
3. While the clock is receiving, press **SNOOZE/MODE** button once will show the current time for 3 seconds and then will go back to signal strength display.
4. If receiving cannot be completed in 15 minutes, the clock will return to the time display.

## Receiving Tower Indication

1. **Tower Indicator OFF**, indicates no reception or failed reception.
2. **Tower Indicator BLINKS**, indicates the clock is receiving.
3. **Tower Indicator ON**, indicates the clock successfully get the signal in the past 36 hours.

## First Reception

1. The clock starts to search for the MSF signal and searches for 15 minutes every time your plug in your clock.
2. In optimal conditions, the correct time will be displayed within 10 minutes.
3. The signal reception **Tower Indicator** will keep blinking when the clock is receiving the signal.
4. The static signal reception **Tower Indicator** indicates successful reception.
5. The signal is at its maximum strength from 12:00 am to 3:00 am and minimal radio interference.
6. If your clock fails to receive the signal in the first reception after power-up, it will start receiving again at 12:00 am.
7. You are recommended to set the clock manually if it fails to receive the signal in the first reception.

## Automatic time update

1. Your clock automatically updates everyday at 12:00 am. If the automatic time update fails, it will repeat the update every 60 minutes up to 5 times.
2. Once your clock get the radio signal. The **Tower Indicator** will stay on and you will not be able to set the time and date manually.

## Manual Radio Signal Reception

1. To activate radio reception manually, press **WAVE** button once. To stop it, press the WAVE button again.
2. You can always stop the radio reception at any time during reception.

### **To Set Time Manually**

1. If your clock fails to get the radio signal, you can set it manually.
2. To set the hour, press and hold the **TIME SET** button and then press the **HOUR/MONTH** button until the desired hour appears.
3. To set the minute, press and hold the **TIME SET** button and then press the **MINUTE/DATE** button until the desired minute appears.
4. Release the **TIME SET** button, the set time appears.
5. A **PM Indicator** will illuminate when the clock is reading PM time.

### **To Set Calendar**

1. To set the calendar, press and hold the DATE SET button. Calendar Indicator will turn ON.
2. To set the year (Starting from Year 2005 to Year 2054), press and hold the DATE SET button and then press the YEAR button until the desired year appears.
3. To set the month, press and hold the DATE SET button and then press the HOUR/MONTH button until the desired month appears.
4. To set the day, press and hold the DATE SET button and then press the MINUTE/DATE button until the desired days appears.
5. Release the DATE SET button, the clock returns to time display.

### **To Set Alarm Time**

1. To set the alarm time, press and hold the ALARM SET button. Alarm Time Indicator will turn ON.
2. To set the alarm hour, press and hold the ALARM SET button and then press HOUR/MONTH button until the desired alarm hour appears.
3. To set the alarm minute, press and hold the ALARM SET button and then press MINUTE/DATE button until the desired alarm minute appears.
4. Release the ALARM SET button, the clock returns to time display.

### **To Activate the Alarm**

1. To activate the alarm, slide the ALARM ON/OFF switch to the ON position.
2. The Alarm On Indicator will turn ON.
3. Your clock will sounds for 1 minute when the current time reaches the preset alarm time.
4. The Alarm On Indicator will flash during the alarm sounds.

### **To Stop the Alarm**

1. Press the SNOOZE/MODE button during alarm sounds will turn off the alarm momentarily.
2. The Snooze Indicator will start flashing.
3. The alarm will sound again after 8 ~ 9 minutes.

### **To Deactivate the Alarm**

1. To deactivate the alarm, slide the ALARM ON/OFF switch to the OFF position.
2. The Alarm On Indicator will turn OFF.

### **To Set Alarm Sound Level**

1. Slide the alarm VOLUME HI/LO switch to get the desired alarm sound level.

### **Calendar & Alarm Time Display**

1. At normal time mode, press the SNOOZE/MODE button once to display the Alarm Time.

2. If there is no input within 3 seconds, the clock will automatically return to time display.
3. At normal time mode, press the SNOOZE/MODE button twice to display the Calendar.
4. The clock will automatically return to time display after 3 seconds.

### **Battery Backup**

1. By installing 3pcs 1.5V "AAA" size batteries, the clock will continue to operate in the event of a short power failure.
2. The clock display will not light up, and the alarm will not function while AC mains power supply is interrupted.
3. The battery backup system is used for temporary power failures. If main power is disconnected for longer duration, the battery may become exhausted, or there may be some lost of clock accuracy.

### **Antenna**

1. Your clock has a built in antenna that will allow it to receive the atomic clock signal in most parts of the country. However there will be some locations where the signal is too weak for the clock to receive. In such cases you can flip the antenna up to get a better signal reception.