





# ATOMIC DIGITAL WALL CLOCK

*Ref.: LDC542*

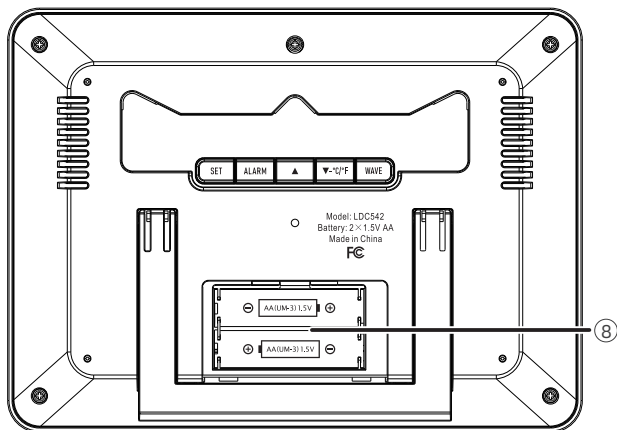
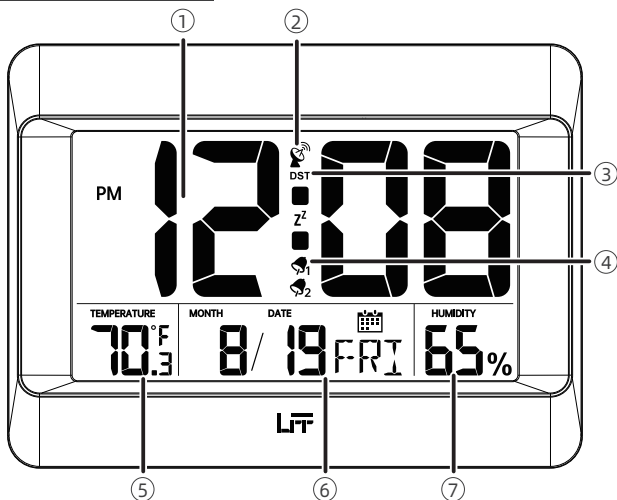


**-USER MANUAL-**

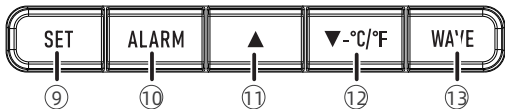
# PACKAGE LIST

ITEM NO	PART NAME	FIGURE	QTY
1	ATOMIC DIGITAL WALL CLOCK		1
2	USER MANUAL		1

# 1 WALL CLOCK UNIT



- ① Time display
- ② Atomic clock indicator
- ③ DST (Daylight Savings Time) indicator
- ④ Alarm indicator
- ⑤ Temperature reading
- ⑥ Calendar with month, date and day display
- ⑦ Humidity reading
- ⑧ Battery door (2 x AA batteries)
- ⑨ SET button
- ⑩ ALARM button
- ⑪ ▲ button
- ⑫ ▼/°C/°F button
- ⑬ WAVE button

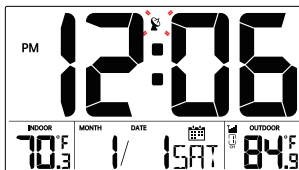



## 2 MAIN FEATURES

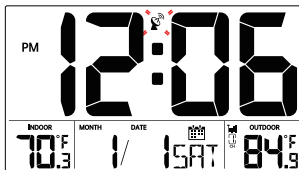
- Large LCD display.
- 5 functional buttons: SET, ALARM, ▲, ▼/°C/°F, WAVE.
- Self setting accurate atomic time function.
- Time display: Hour, minute.
- Calendar display: Month, date and weekday.
- 8 time zones: EST, CST, MST, PST, AKT, HST, AST, NST.
- Alarm with snooze function.
- Displays temperature/humidity readings.
- Low battery indication.


## 3 FIRST TIME TO USE

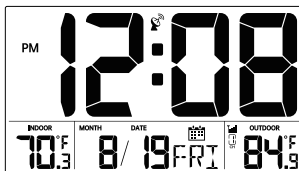
1. Insert 2 new “AA” batteries into the wall clock, the wall clock will automatically receive atomic clock signal, the tower icon 📶 will be flashing.



2. When the wall clock detects the atomic clock signal, the signal strength indicator  will be animated.




3. Put the wall clock away from interference, such as electronic devices. (TV, computer, microwave, radio, etc.)
4. When the wall clock signal is received successfully, the time and date will be updated. The Atomic Time tower icon  will be solid.




Normal Time Display

## **4 ATOMIC CLOCK RECEPTION**

- The wall clock automatically begins search WWVB signal and update the time every day at 1:00 am, 2:00 am, 3:00 am, 4:00 am, 5:00 am.
- The Atomic Time tower icon  will flash while searching and will be solid when it has connected.

**Note:** To maximize atomic signal reception, place the weather station away from large metallic items, thick walls, metal surfaces, or other objects that may limit radio communication.

### **4.1 MANUAL RCC RECEPTION**

You can receive the atomic clock signal manually. In Normal time display, press and hold **⓫ [WAVE]** over 3 seconds to receive the atomic clock signal manually. The tower icon  is flashing and will start atomic clock reception. When the atomic clock signal is received successfully, the time and date will be updated.



During atomic clock reception, press and release ⑬ [WAVE] key over 3 seconds to exit atomic clock reception.

For information about WWVB, visit  
[www.nist.gov/pml/div688/grp40/wwvb.cfm](http://www.nist.gov/pml/div688/grp40/wwvb.cfm)

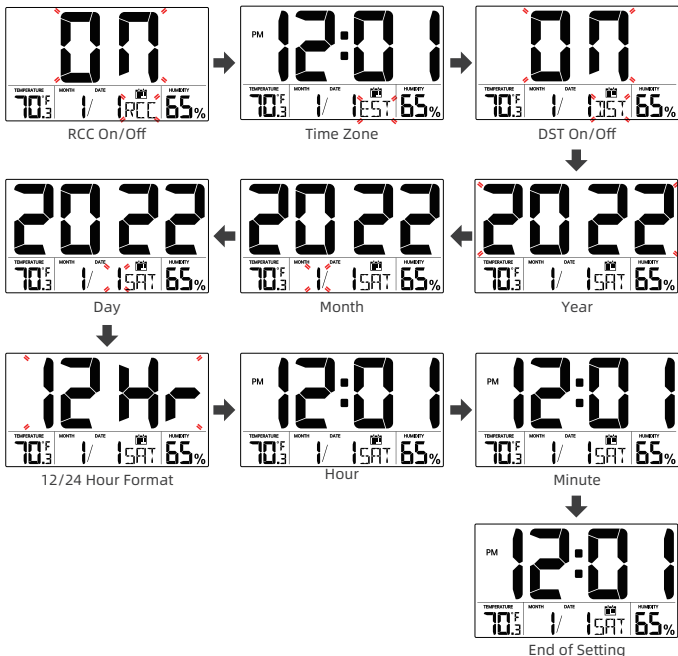
## 5 TIME SETTING

In Normal time display, press and hold ⑨ [SET] over 3 seconds to enter setting mode. Press and release ⑪ [▲] and ⑫ [▼/°C/°F] to adjust the values. Hold to adjust quickly. Press and release ⑨ [SET] to confirm and move to the next item.

### 5.1 SETTING ORDER

1. RCC On/Off
  2. Time Zone
  3. DST On/Off
  4. Year
  5. Month
  6. Day
  7. 12/24 Hour Format
  8. Hour
  9. Minute
  10. End of Setting
1. Press and hold ⑨ [SET] button entering the settings. RCC ON flashes. Press ⑪ [▲] and ⑫ [▼/°C/°F] to set RCC on/off. Press ⑨ [SET] to select Time Zone.
- Note:** If RCC OFF is selected, you will skip Time Zone and DST settings and move year setting.
2. When Zone EST icon flashes, press ⑪ [▲] or ⑫ [▼/°C/°F] button to set a different time zone (EST=Eastern, CST=Central, MST=Mountain, PST=Pacific, AKT=Alaska, HST=Hawaii, AST=Atlantic, NST=Newfoundland). Press ⑨ [SET] to select DST on/off.
3. When DST ON flashes, press ⑪ [▲] or ⑫ [▼/°C/°F] button to select DST on/off. Press ⑨ [SET] to select Year.
4. When Year flashes, press ⑪ [▲] or ⑫ [▼/°C/°F] to adjust the year. Press ⑨ [SET] to select Month.

5. When Month flashes, press ⑪[▲] or ⑫[▼/°C/°F] to adjust the month. Press ⑨ [SET] to select date.
6. When Date flashes, press ⑪[▲] or ⑫[▼/°C/°F] to adjust the date. Press ⑨ [SET] to select 12/24 hour format.
7. When 12 Hr flashes, press ⑪[▲] or ⑫[▼/°C/°F] to adjust 12/24 hour format. Press ⑨ [SET] to select hour.
8. When Hour flashes, press ⑪[▲] or ⑫[▼/°C/°F] to adjust the hours. Press ⑨ [SET] to select minute.
9. When Minute flashes, press ⑪[▲] or ⑫[▼/°C/°F] to adjust the minutes. Press ⑨ [SET] to save all settings and exit the setting.



## 6 ALARM CLOCKS

### 6.1 CHECK ALARM TIME

In Normal time display, press **(10) [Alarm]** to toggle switch display Alarm 1 and Alarm 2 time.



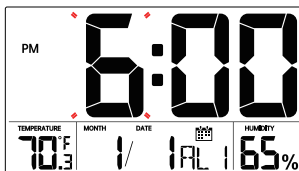
### 6.2 SETTING THE DAILY ALARMS

Press and hold **(10) [Alarm]** over 2 seconds to enter alarm setting mode.

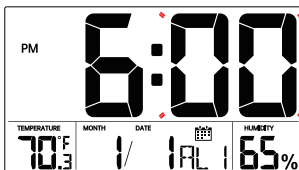
Press and release **(11) [▲]** and **(12) [▼/°C/°F]** to adjust the values. Hold to adjust quickly.

Press and release **(10) [Alarm]** to confirm and move to the next item.

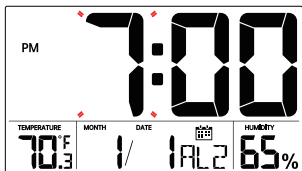
- Press and hold **(10) [Alarm]** over 2 seconds to enter alarm setting mode. Hour of Alarm 1 starts to flash. Press **(11) [▲]** or **(12) [▼/°C/°F]** button to set required alarm 1 hours. Press **(10) [Alarm]** to select Minute of Alarm 1.



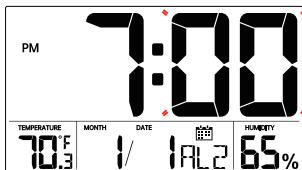
- When Minute of Alarm 1 flashes, press **(11) [▲]** or **(12) [▼/°C/°F]** button to set required alarm 1 minutes. Press **(10) [Alarm]** to select Hour of Alarm 2.



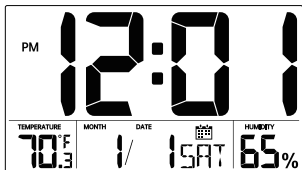
- When Hour of Alarm 2 flashes, press (11) [▲] or (12) [▼/°C/°F] button to set required alarm 2 hours. Press (10) [Alarm] to select Minute of Alarm 2.



- When Minute of Alarm 2 flashes, press (11) [▲] or (12) [▼/°C/°F] button to set required alarm 2 minutes.



Press (10) [Alarm] to save all settings and exit the setting.



**Note:** If there is no valid operation within 20 seconds, it will automatically return to the normal time display mode from the setting mode.

### **6.3 DEACTIVATE/ACTIVATE ALARM**

- In Normal time mode, press ⑪ [▲] to select the Alarm1 and Alarm 2 ON or OFF.
- If the alarm is on, its corresponding alarm icon (🔔<sub>1</sub> and 🔔<sub>2</sub>) will be shown on the display.
- Alarm 1 icon 🔔<sub>1</sub> is shown on display, it means Alarm 1 is turned on.
- Alarm 2 icon 🔔<sub>2</sub> is shown on display, it means Alarm 2 is turned on.
- Alarm 1 🔔<sub>1</sub> and Alarm 2 🔔<sub>2</sub> icon are shown on display, it means Alarm 1 and Alarm 2 are turned on.

### **6.4 SWITCHING OFF THE ALARM SIGNAL**

- When the alarm is ringing, press any buttons except ⑨ [SET] to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time next day.

### **6.5 SNOOZE FUNCTION**

- When the alarm rings, press ⑨ [SET] button to pause the alarm. The snooze indicator icon Z<sup>Z</sup> keep flashing.
- The alarm will resume after 5 minutes.

## **7 LOW BATTERY INDICATION**

- When low battery indicator 🔋 is indicated on the display, please replace batteries for your clock.

## **8 SWITCH TEMPERATURE UNIT**

In Normal time display, press and release ⑫ [▼/°C/°F] to interchange the temperature unit between degree Celsius and degree Fahrenheit.

## **9 USE THE WALL MOUNT**

- The wall clock have a table top and wall mounting structure.
- For the clock, use the recessed hole/holes on at the back of the clock to hang it or pull out the back-stand for table top use.

## **10 SPECIFICATIONS**

Indoor	<ul style="list-style-type: none"><li>• Temperature Range: 32.0°F to 122.0°F (0.0°C to 50.0°C)</li><li>• Humidity Range: 20% to 95%</li></ul>
Power	<ul style="list-style-type: none"><li>• Wall clock: 2 x AA 1.5V, alkaline batteries</li></ul>
Dimension	<ul style="list-style-type: none"><li>• Wall clock: 8.5 x 6.28 x 1.02 inches</li></ul>

## **11 FCC STATEMENT**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may NOT cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

### **NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates — and can radiate — radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If the equipment does not cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **WARNING:**

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**ATOMIC DIGITAL WALL CLOCK**

**LDC542**

