

Doveet

DR41



INSTRUCTION MANUAL

IMPORTANT SAFETY INSTRUCTIONS

Please read this user manual carefully before you use this product.



The lighting flash and arrow head within the triangle is warning sign alerting you of dangerous voltage inside the product

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

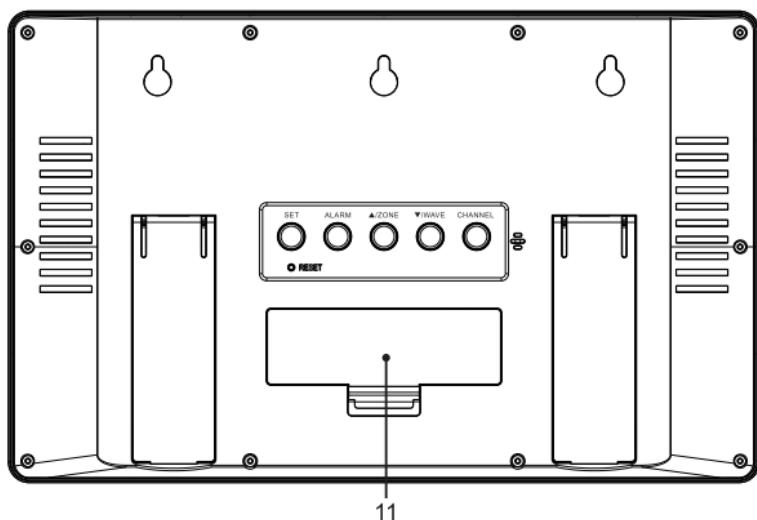
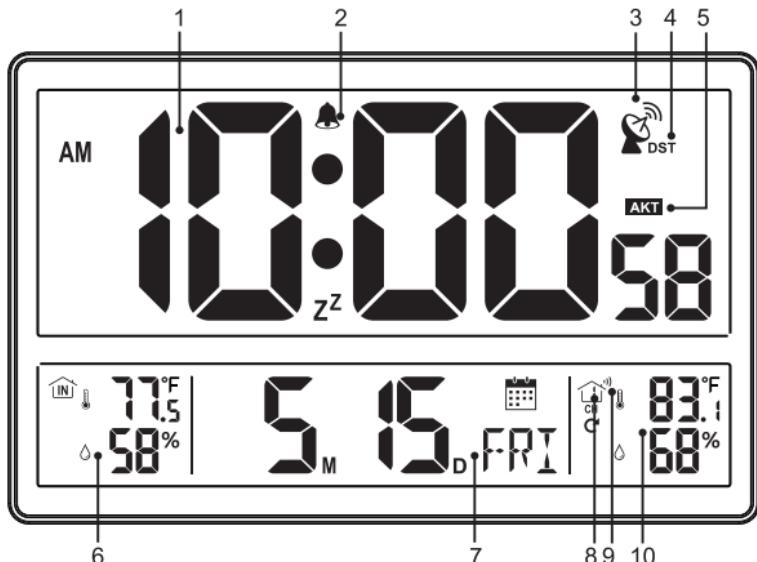
- Please do not expose the unit in the raining or moist environment to avoid fire hazard or electric shock.
- On the machine should not receive the water drop or the water splashes, on the machine could not lay object filled with liquid, like vase.

THE ADAPTOR MUST REMAIN EASILY ACCESSIBLE IN ORDER TO BE ABLE TO DISCONNECT THE DEVICE IN CASE OF EMERGENCY.

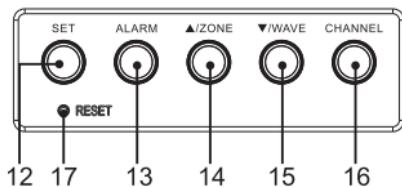
Note:

To prevent wireless interference, place units at least 3 ft (.9 m) away from electronic devices (TV, computer, microwave, radio, etc.)

1 Wall Clock Main Unit



- 1- Time display
- 2- Alarm indicator
- 3- Atomic clock indicator
- 4- DST (Daylight Saving Time) indicator
- 5- Time Zone (EST, CST, MST, PST, AKT, HST)
- 6- Indoor temperature and humidity reading
- 7- Calendar with month, date and day display
- 8- Channel indicator
- 9- Outdoor sensor signal strength indicator
- 10- Outdoor temperature and humidity reading
- 11- Battery door (4 x AA batteries)
- 12- SET button
- 13- Alarm button
- 14- ▲/ZONE button
- 15- ▼/WAVE(Radio Controlled Clock) button
- 16- Channel button
- 17 Reset button



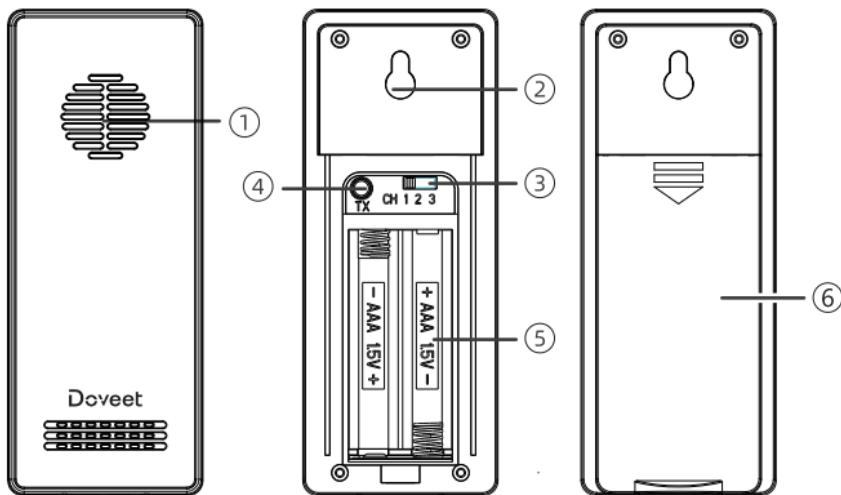
2 MAIN FEATURES

- Large LCD display.
- 5 functional buttons : SET, ALARM, ▲/ZONE, ▼/WAVE, CHANNEL.
- Self setting accurate atomic time function.
- Time display : Hour, minute, second.
- Calendar display : Month, date and weekday.
- 6 time zones: EST, CST, MST, PST, AKT, HST.
- Alarm with snooze function.
- Displays Indoor & outdoor temperature.
- Low battery indication for both wall clock and wireless sensor.
- Supports up to 3 optional wireless sensors.

3 OUTDOOR TEMPERATURE SENSOR

3.1 MAIN FEATURES

- Temperature and humidity measurement.



- ① LED: Flashes when the unit transmits a reading
- ② Wall mount
- ③ Channel switch: Channel 1,2,3 inside battery compartment
- ④ TX button: Manually release transmission of signal
- ⑤ Battery compartment: use 2 x AAA batteries
- ⑥ Battery door

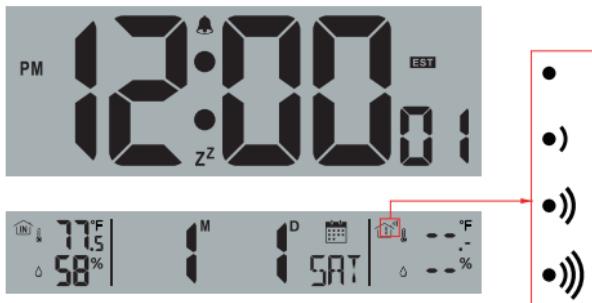
4 FIRST TIME TO USE

PAIR THE OUTDOOR REMOTE SENSOR

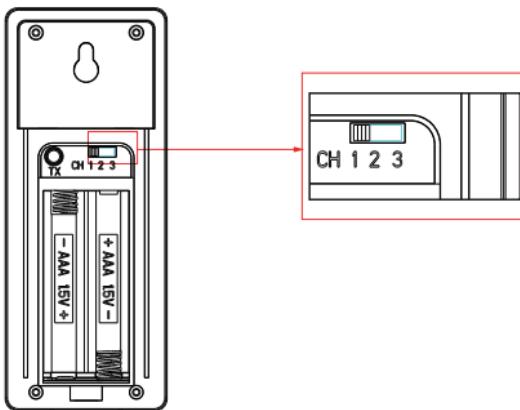
First of all, it needs to do the pairing between outdoor remote sensor and wall clock. Please follow below procedures to pair the sensor.

1. Insert 4 new "AA" batteries into the wall clock.

The screen is turned on. It starts to search sensor and register the received sensor. During pairing, the signal strength indicator will animate until the sensor signal is received or for 3 minutes if no signal available.



2. Slide the switch to CH1 of the outdoor sensor and Insert 2 new "AAA" batteries. The wireless remote sensor will transmit the signal and LED will flash during transmission. If necessary, press TX button to trigger off a transmission signal.



3. Keep the outdoor sensor 5-10 feet from the wall clock.
4. When the RF(radio frequency) connection is established, the temperature readings will appear on the station.



Note:

Please make sure that both the Main Unit and the Outdoor Sensor are powered on within 3 minutes.

If the Main Unit is powered for over 3 minutes without the sensor on, it will not pair with the Outdoor Sensor or receive signal anymore.

5 ATOMIC TIME RECEPTION

1. After 3 minutes sensor pairing time, the wall clock will automatically receive atomic time signal, the tower icon will be flashing.



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



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  is permanently displayed.



5. Allow the outdoor sensor and wall clock to sit together for 15 minutes to establish a strong connection.
6. Do not press button for 15 minutes.
7. After 15 minutes, place the sensor in a shaded outdoor location.

MANUAL ATOMIC TIME RECEPTION

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



NOTE:

- During atomic time reception, all buttons can not work except , press  to exit atomic clock reception.
- The wall clock automatically starts to search WWVB signal and update the time every day at 1:00am, 2:00am, 3:00am, 4:00am, 5:00am.
- The Atomic Time tower icon  will flash while searching and  will be displayed permanently when it has connected.

6 SET TIME AND DATE MANUALLY

In Normal display, press and hold SET over 3 seconds to enter setting mode. Press and release **▲** and **▼** to adjust the values. Hold to adjust quickly. Press and release SET to confirm and move to the next item.

SETTING ORDER

1. 12H/24H	2. Hour	3. Minute
4. Year	5. Month	6. Day
7. DST ON/OFF		

- 1.) Press and hold the SET button for 3 seconds to enter setting mode. When 12 Hr flashes, press ▲ or ▼ to adjust 12 hour or 24 hour time format. Press SET to confirm.
- 2.) When Hour value flashes, press ▲ or ▼ to adjust and press SET to confirm.
- 3.) When Minute value flashes, press ▲ or ▼ to adjust and press SET to confirm.
- 4.) When Year value flashes, press ▲ or ▼ to adjust and press SET to confirm.
- 5.) When Month value flashes, press ▲ or ▼ to adjust and press SET to confirm.
- 6.) When Date value flashes, press ▲ or ▼ to adjust and press SET to confirm.
- 7.) When DST ON flashes, press ▲ or ▼ button to select DST ON or OFF. Press SET to confirm.



7 SET ALARM TIME AND SNOOZE TIME

Press ALARM button to enter ALARM TIME display, and hold the ALARM button for 3 seconds to enter ALARM TIME setting mode.

1. When Hour value flashes, press **▲** or **▼** to adjust and press SET to confirm .
2. When Minute value flashes, press **▲** or **▼** to adjust and press SET to confirm.
3. When "05" flashes, press **▲** or **▼** to adjust the snooze time from 5 minutes to 30 minutes, snooze increment: 5 minutes.



Note :

1. When alarm time is set, the alarm clock is activated, alarm symbol **🔔** displays.
2. Only under ALARM TIME mode, press **▲** to turn on or shut down Alarm Clock. **🔔** will display when alarm is turned on and **🔔** disapper when alarm is shut down.
3. When alarm rings, press any buttons except SET button to stop daily alarm, **🔔** will stop flashing and alarm will ring again in next 24 hours.
4. When alarm rings, press SET button to activate SNOOZE, **Z² 🔔** keep flashing and alarm will ring again in next 5-30 minutes as required.
5. When snooze function is activated, press any buttons except SET button to exit snooze. **Z²** will disapper.
6. Alarm will ring for 2 minutes if without any operation and will stop to ring again in next 24 hours.

8 SWITCH TEMPERATURE UNIT

In Normal display, press and release ▼ to interchange the temperature unit between Fahrenheit (°F) and Celsius (°C).

9 SEARCH FOR OUTDOOR SENSOR

- In Normal display, press and hold CHANNEL over 3 seconds to search the outdoor temperature sensor.
- The wall clock can support up to 3 sensors with different channels 1/2/3.
- The signal strength icon will animate until the sensor(s) signal is received, or for 5 minutes if no signal available.



10 SWITCH READING DISPLAY FOR THE OUTDOOR TEMPERATURE SENSORS

- In Normal display, press and release CHANNEL to interchange the reading display for the outdoor temperature sensors.
- There are CH1, CH2 CH3 or cycle C display.
- In cycle display mode, the outdoor temperature reading will be switched every 3 seconds.

11 USING THE WALL MOUNT

- The both the wall clock and outdoor transmitter 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.
- For the transmitter, use the hang hole or place the unit in an area protected from direct rain.

12 IMPORTANT PLACEMENT GUIDELINES

- Mounting under an eave or deck rail works well.
- Mount the remote sensor on the North side where to prevent sun from causing incorrect readings.
- Be sure the outdoor sensor is mounted vertically to drain moisture.
- Mount at least 6 feet in the air for a strong RF (radio frequency) signal.
- To prevent wireless interference, place units at least 3 ft (.9 m) away from electronic devices (TV, computer, microwave, radio, etc.)
- To maximize atomic signal reception, place the sensor away from large metallic items, thick walls, metal surfaces, or other objects that may limit radio communication.
- The maximum wireless transmission range must be within 300 feet (100m) in open air, not including walls and floors.

13 SPECIFICATIONS

Indoor	<ul style="list-style-type: none">• Temperature Range: 14.0°F to 122.0°F (-10°C to 50.0°C)• Accuracy Tolerance: 14°F to 32°F: ±4°F (-10°C to 0°C: ±2°C) ; 32°F to 122°F: ±2°F (0°C to 50°C: ±1°C)• Humidity Range: 10% to 99%• Accuracy Tolerance: ±5%
Outdoor	<ul style="list-style-type: none">• Temperature Range: -40.0°F to 158.0°F (-40.0°C to 70.0°C)• Accuracy Tolerance: -40.0°F to 32°F: ±4°F, (-40°C to 0°C: ±2°C) ; 32°F to 122°F: ±2°F (0°C to 50°C: ±1°C) ; 122°F to 158°F: ±4°F (50°C to 70°C: ±2°C)• Note: Temperature below -4°F require Lithium batteries in the outdoor sensor• Humidity Range: 10% to 99%• Accuracy Tolerance: ±5%• Distance: 330ft (100m)• Transmission frequency: 433MHz
Power	<ul style="list-style-type: none">• Wall clock: 4 x AA 1.5V, alkaline batteries• Sensor: 2 x AAA 1.5V, alkaline batteries
Dimension	<ul style="list-style-type: none">• Wall clock: 14.37 x 9.01 x 1.20 inches• Sensor: 3.98 x 1.58 x 0.86 inches

14 TROUBLE SHOOING

LOW BATTERY INDICATION

- When battery indicator  appears next to the outdoor temperature, replace batteries in your outdoor sensor.
- When battery indicator  appears next to the atomic tower icon, replace batteries in your main unit.

TEMPERATURE READINGS SHOW HI OR LO

Indoor Temperature: HI for temperature above 122.0°F(50°C), LO for temperature below 14.0°F(-10°C).

Outdoor Temperature: HI for temperature above 158.0°F(70°C), LO for temperature below -40.0°F(-40°C).

DASHES SHOWN FOR OUTDOOR TEMPERATURE/ HUMIDITY

- Dashes means main unit has lost connection to the outdoor sensor.
- Distance/Resistance can cause loss of sensor signal. Avoid having more than one wall, window, tree etc., between the main unit and the sensor. UV coated windows may actually reflect the signal. Stucco walls will absorb the signal.
- Remove the batteries from the sensor for 2 minutes. Replace the batteries in the outdoor sensor and hold the CHANNEL button for 3 seconds. Wait 10 minutes. If the unit does not receive a reading from the outdoor sensor, please try to press RESET button.
- Change the location of main unit or/and outdoor sensor and try again.

INTERMITTENT SENSOR READINGS

- RF (radio frequency) communication may come and go occasionally. This can be normal in some environments (e.g. moister climates).
- If a outdoor sensor goes out, please wait 2-4 hours for it to reconnect on its own. Please be patience – these stations can reconnect on, after many hours out.
- RF (radio frequency) communication is not always 100% on.
- Certain temporary conditions can cause it to go out for a time (e.g., 100% humidity).

INACCURATE OUTDOOR TEMPERATURE/HUMIDITY

- Side-by-side test: Bring the outdoor sensor in the house and place it next to the main unit for 2 hours.
- Compare indoor and outdoor temperature. The temperatures should be within 4 degrees to be within tolerance. The humidity should be within 10% to be within tolerance.
- If the outdoor sensor reads correctly when next to your main unit then try a different location outside.

ATOMIC TIME SIGNAL RECEPTION WAS NOT SUCCESSFUL

- The main unit automatically searches for the atomic time signal at 1:00 a.m., 2:00 a.m., 3:0 a.m., 4:00 a.m., and 5:00 a.m. everyday. If main unit can't get signal in 24 hours, try below manual reception.
- Hold the ▼/WAVE button for 3 seconds to search manually for the atomic time signal. If it still fails to search for signal, it means this location is not good for reception. Suggest to change location close to window and try again.

NOTE:

- TV, computer, electrical household appliances, Electrical wires, utilities, cables, etc. may create interference if too close.
- Receiving a signal through crowded buildings is difficult.
- Without proper batteries, the antenna will have a harder time picking up the signal.

FCC Statement

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

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 uses 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 this equipment does 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 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

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.