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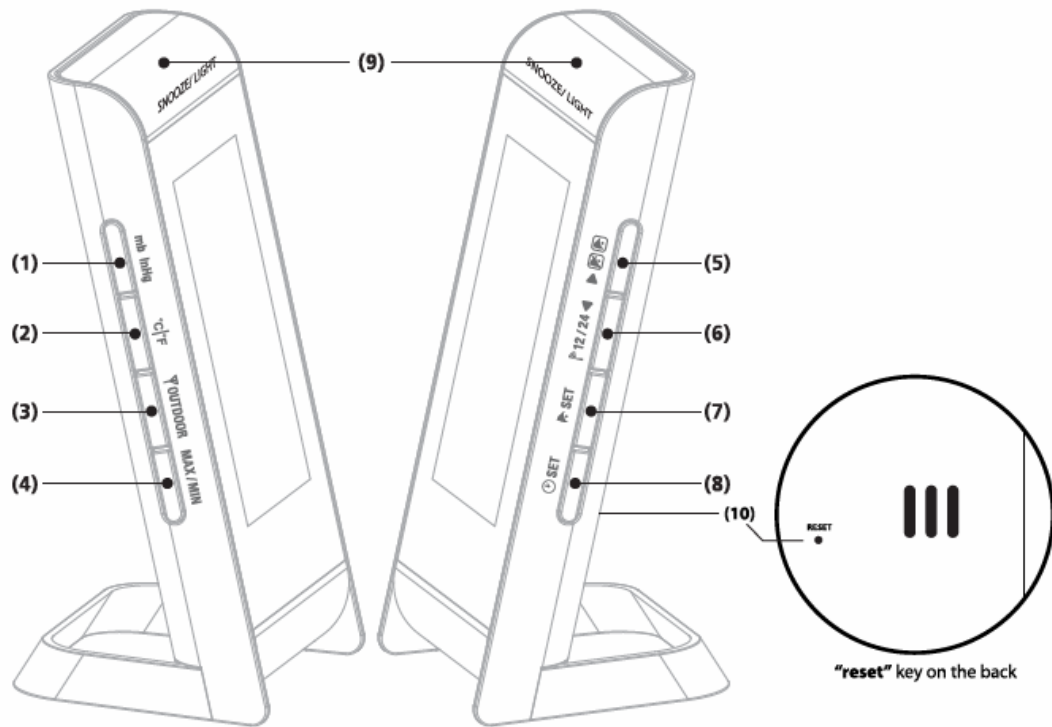
Overview

Congratulations! On purchasing this Electronic Weather Station with Radio Controlled Clock. The Weather Station displays indoor and outdoor temperature and humidity, barometric pressure, weather forecast, moon phase, time and date. When the Weather Station is within range of a RCC signal, the time will be automatically corrected. The Weather Station can also be used as an Alarm Clock with two alarm settings.

A small screen on the outdoor unit displays the outdoor temperature (in °C) and humidity.

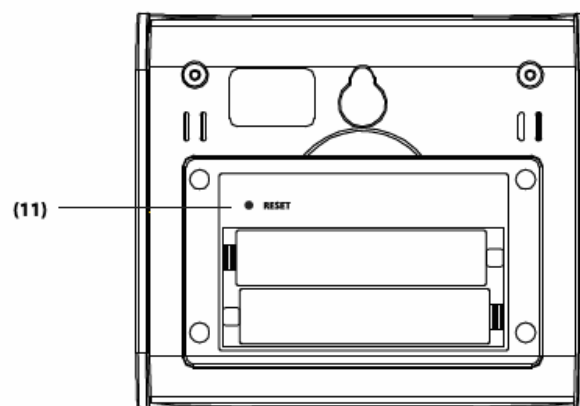
What's Included

Main unit
Stand for main unit
Remote Unit



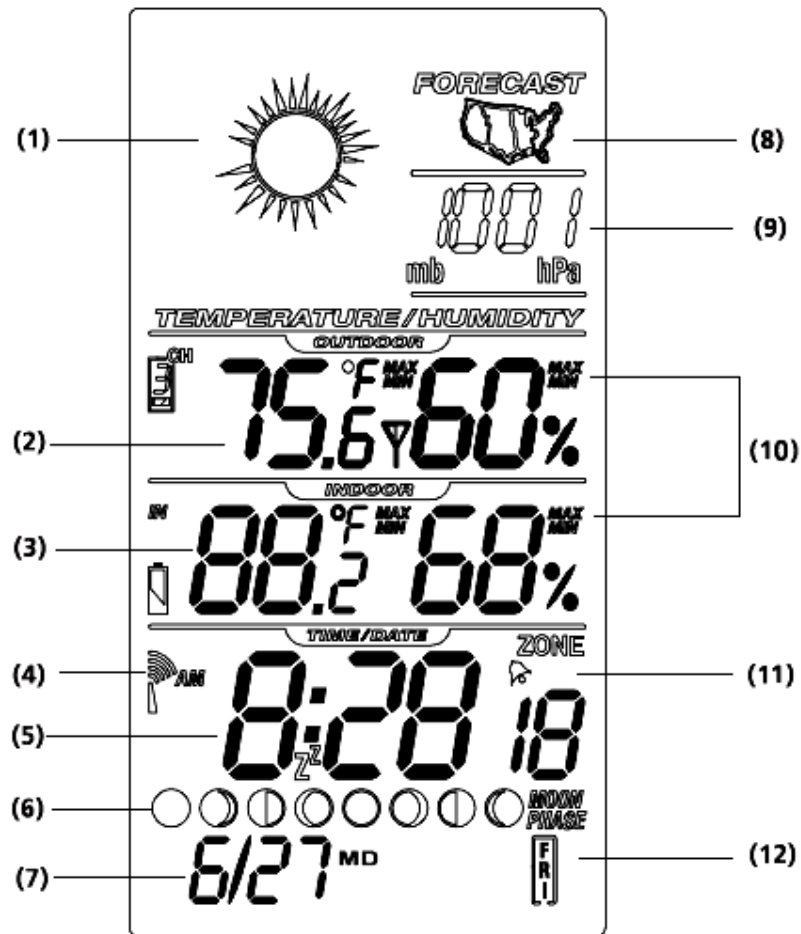
- (1) Pressure Unit : **mb/in Hg**
 (2) Temperature Unit : **°C/°F**
 (3) Connect to **Outdoor** Sensor
 (4) **MAX/MIN** Memory
 (5) Snooze/ Light Button
 (6) **▲** Alarm ON/OFF:
 (7) **▼** 12/24hr Clock **▶** Connect RCC
 (8) Alarm Set:
 (9) Time & Date Set:
 (10) **Reset Key** (on the back)

Remote Unit



- (11) "RESET" Key
 (inside the batteries door)

Display



- (1) Weather forecast display (partial sunny, sunny, stormy rain, rainy and cloudy)
- (2) Outdoor temperature (in C/ F), outdoor relative humidity and outdoor sensor connection status
- (3) Indoor temperature (in °C/° F) and relative humidity
- (4) Clock reception signal status
- (5) Time display in 12 hour or 24 hour format
- (6) Moon phase animated display
- (7) Date display
- (8) Time zone display in US
- (9) Barometric pressure reading
- (10) MAX/ MIN memory
- (11) Alarm display
- (12) Day of week display

Operation Conditions

Temperature:

Main Unit: 5 C to 45 C

Remote unit: -10 C to 50 C (-4 – 140 F)

Humidity: 30 – 90% RH



CAUTION Keep all batteries away from children. Batteries are small objects and could be ingested. If swallowed, contact a physician at once. Do not open battery, dispose of in fire, or attempt to recharge. Immediately dispose of used batteries safely.

Please read the instruction carefully before use

Do not mix used and new batteries for operation

Modification is not approved by the party responsible for compliance could void user's authority to operate the equipment.

Care & Maintenance

Clean the unit with the dry cloth only. Don't use the detergent or corrosive substance to clean the unit. Don't immerse the unit into water.

Setting Up

Setting up your Weather Station

This Weather Station has an indoor display unit and an remote unit. The two units are linked wirelessly with a maximum clear line-of-sight range of approximately 25 meters. Walls and electrical wiring may reduce this range. The signal between the two units is encoded to avoid interference with other Weather Station operating nearby. Please follow the instructions to wirelessly link the two parts of your Weather Station together.

The main unit requires 3 x AA batteries and the remote unit requires 2 x AAA batteries (batteries not included). The battery compartments are found on the back of each of the units, the battery compartment on the remote unit is secured with four screws.

Fit the batteries to the indoor unit first, then immediately fit the batteries to the remote unit. The indoor unit will initially show “ - - ” flashing in the outdoor temperature and humidity display area. The Weather Station will connect with the remote unit within a few minutes and the temperature will be displayed in the place of the “ - - ”.

If the “ - - ” stops flashing (it searches for 3 minutes) before establishing a wireless data connection with the remote unit, you will need to reinitiate the search procedure by pressing and holding the “OUTDOOR” key (3) for 3 seconds.

We recommend that the remote unit is located in a shaded location, sheltered from rainfall.

The outdoor temperature display on the indoor unit will be updated every 2~3 minutes.

Transmitter connection set up with indoor main unit

If the wireless connection between the remote unit and the indoor main unit is failed to link after battery installation, reset the main unit firstly by using the paper clip to press “RESET” key (10) on the back. After the unit is reset, wait for around 20seconds until pressure reading displays. Then, reset the remote unit to press the “RESET” key (11) inside the batteries door. The connection will be searched again to link up the main unit with remote unit.

The weather Station stores maximum and minimum temperatures for both the indoor and remote unit. Press the “MAX/MIN” key (4) to show maximum recorded temperature, press again for minimum temperatures and a further press of the key returns you to the current temperature display.

The temperatures can be shown in either degrees Fahrenheit or degree Celsius. Use the “ °C/ °F” key (2) to switch the display. The barometric pressure can similarly be adjusted between inches of mercury (InHg) and millibars (MB) using the “InHg/mb” key (1)

Radio Controlled Clock

WWVB-60 generated from the atomic clock in Fort Collins, Colorado. The radio signal range is 3219km (2000 miles). The strength of the signal depends upon your location.

The signal will penetrate most buildings, but a metal clad building or a basement location may shield the signal and electrical devices such as television and computer monitors may interfere with the signal. The signal is strongest at night time and the Weather Station is programmed to update the date and time during the night.

DST (Daylight Saving Time)

Depending on the time of year, you need to adjust the time of clock. If you live in the time zone, your clock will automatically readjust to summer time or wintertime.

Turn on / off DST of your Weather Station

In clock mode, after finishing the minutes setting, it will enter the DST On/ Off selection. Press “Alarm On Button “ or “12/24” button to toggle between On/ Off of DST setting. The LCD wording will be flashing as below:



To set the time

If you are located within the range of the WWVB-60 broadcasts, you don't need to manually set the time and date, but you may need to set the Time Zone. To initiate a search of the signal, press and hold the "DOWN" key (6) for 3 seconds. Please note that it may take 2 ~ 3 minutes to update. If the signal is weak, it may take 8 ~ 10 minutes. If you cannot connect to the signal during daylight hours, try again during the hours of darkness, when the radio signal may be stronger. To manually set the time and date, press and hold the "Time" key (8) until the unit beeps. The Year will be flashing, use the "UP" and "DOWN" keys (5&6) to select the correct year and then press "Time" (8). After completing the year setting, it will enter the MD/ DM selection. MD icon will start flashing. Just press "UP" and "DOWN" keys (5&6) to toggle between MD and DM format. The default setting is Month/Date of calendar. Press "Time" key (8) again after selection, then the month will start flashing, use the "UP" and "DOWN" keys (5&6) to select the correct month. Repeat this for the date, the hour and the minutes.

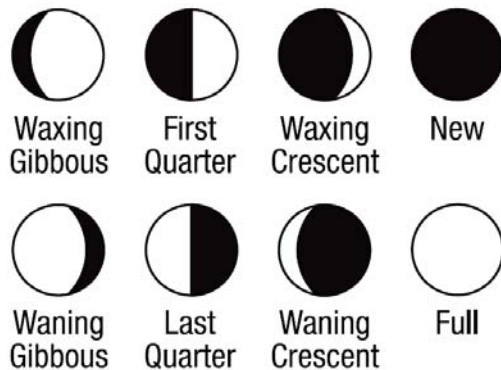
Finally set the time zone for your location. If you are within the default Pacific Time Zone, the zone displays. If setting the time is 4:00AM, the clock will show 4:00AM in P Zone after time setting. When the user locates in other time zone, ie. Eastern Time

Zone and want to set 4:00AM local time. They can set the time 1:00AM and press the “Time” key (8) once to change the zone display from Pacific Time Zone to Eastern Time Zone. The clock will show 4:00 AM. Your clock is now set.

The Wireless Weather Station is capable of displaying time in either 12 hr (am/pm) or 24 hr format. Use the “12/24” key (6) to set your preference.

Moon phase display

The Weather Station has a sequential moon phase display. Each phase of the moon is displayed in turn, and pauses at the current moon phase. The moon phase is calculated from the date set in the unit, no setting up is necessary.



Alarms

The Weather Station comes with two alarms. Press the “ALARM” key (7) once to view the “Alarm 1” time. Press “ Alarm” key again to show “ Alarm 2” time. To adjust the alarm time, first press the “ALARM” key (7) until the alarm you wish to adjust is displayed (either Alarm 1 or Alarm 2). Then press and hold the “Alarm” key until the hour begins to flash. Use “UP” and “DOWN” keys (5&6) to adjust the hour, then press “ALARM”. Use the “UP” and “DOWN” keys to adjust the minutes, then press “ ALARM”. The alarm is automatically set (indicated by a bell symbol on the display). To switch the alarms on and off, use the “UP” key – repeatedly pressing the key will cycle through Alarm 1, Alarm 2, Alarm 1 & 2 and Alarm off modes.

At the stop of the Weather Station is a “snooze” key (9). Pressing this will activate the display backlight and pressing this key when the alarm is sounding will silence the alarm for 5 minutes.

Batteries

Replace batteries when the battery symbol is displayed. Always use Alkaline or Lithium batteries. Do not mix old and new batteries.

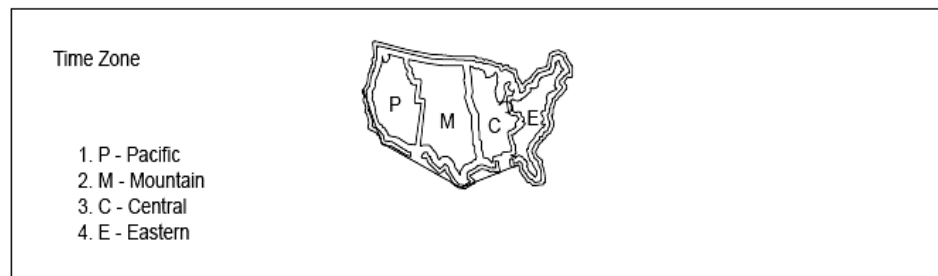
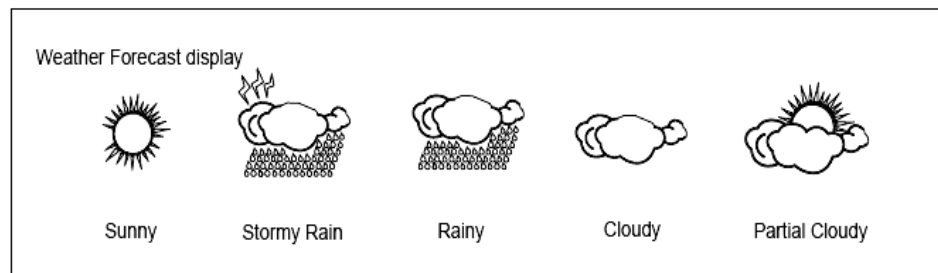
After battery replacement, the main unit will need to re-establish a wireless data connection with the remote unit. Press and hold the “OUTDOOR” key (3) for 3 seconds to initiate this connection process.

Very Low Temperatures

Alkaline batteries do not work well at very low temperatures. This may cause the outdoor unit to stop working and display “- -”. When the temperature rises, you may need to re-establish the wireless data connection by pressing and holding the “OUTDOOR” key (3) for 3 seconds. In areas with winter temperatures below freezing (0 C , 32 F) , we recommend the use of Lithium batteries for the remote unit.

Technical Specifications

Resolution	Temperature 0.1 °C (0.2° F) Humidity 1 % RH
Accuracy	Temperature: +/- 2 °C at 5 °C to 45 °C Humidity: +/- 8 % at 5° C to 45 °C and 30 – 90%
Remote unit data transmission	RF frequency: 433.9 MHz (ASK Modulation) Range: 25 meters (no obstructions) Noted: The remote unit can only display Centigrade temperature.
RCC Data	Range: Within 1500 km from signal source Receive time: Once per day – 1:02AM, 2:02AM, 3:02AM, 4:02AM
Battery	Main unit: 4.5V (3 x AA) Remote unit: 3.0V (2 x AAA)



Troubleshooting

Outdoor temperature and humidity not displayed

- Check the remote unit has a working battery – if the screen on the remote unit is blank, or the battery symbol is displayed, the battery needs replacement. Some types of batteries do not work at very low temperatures. We recommend Lithium batteries in these conditions.
- Your remote unit may be out of range of the Weather Station. Test this by reducing the distance between the two units and re-initiating the bonding process (see below).
- To initiate the establishment of a wireless data connection between the indoor display and the remote unit, press and hold the “OUTDOOR” button (3) for 3 seconds. This must be done each time batteries are replaced or if the Weather Station is moved out of range of the remote unit.

Clock will not update with the signal

- The Radio Control will not work outside US
- The radio signal will not work inside a metal-clad building or in a basement
- The radio signal is strongest during your geographical position.
- Try to move the Weather Station to a different position in your home.
- Press and hold the “DOWN” key (6) for 3 seconds to force the Weather Station to acquire the signal.

Time has updated, but the hour is not correct.

- The time zone has not been correctly set. Please refer to the section “To set the time” earlier in this instruction manual

FCC Information

Caution: users that modifications not approved by the party responsible for compliance could void user authority to operate the equipment.

“NOTE: This main unit and remote unit has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. The main unit only receive the radio signal and don't have any radio signal transmitting function.

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 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.”

Warranty

Omnitech™ Brand Limited 1 Year Warranty

Staples the Office Superstore, LLC ("Staples") or The Business Depot Ltd. ("Business Depot"), warrants to the original purchaser that this Omnitech™ brand product shall be free of defects in design, assembly, material, or workmanship for 1 year from the date of purchase. In the event of a defect in the design, assembly, materials or workmanship of this product within 1 year from the date of purchase, Staples or Business Depot, as the case may be, will either replace any such product with the same or equivalent product free of charge or refund 100% of the purchase price at Staples' or Business Depot's option. To claim your replacement or refund, contact product support at 1-888-496-9138.

This warranty does not apply to normal wear or damage from misuse, abuse, improper storage or handling, installation, accident, repair or alteration or other circumstances not directly attributable to manufacturing or material defects. THIS WARRANTY IS

EXCLUSIVE AND IN LIEU OF ALL OTHERS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. STAPLES AND BUSINESS DEPOT SPECIFICALLY DISCLAIM ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL STAPLES OR BUSINESS DEPOT BE LIABLE FOR ANY INCIDENTAL, DIRECT, INDIRECT, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (SUCH AS BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, BUSINESS, SAVINGS, DATA OR RECORDS) RELATED TO THIS PRODUCT. This warranty gives you specific legal rights, and you may also have other rights that vary depending upon the state, province, territory or country. Some states, provinces and territories do not allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty lasts. Except as stated herein, no other warranties shall apply.