

Wireless Weather Station with Barometer Model 1733

Simple, reliable, accurate...the weather station allows you to monitor indoor or outdoor locations from one room. The base unit reads indoor conditions, while the remote sensor wirelessly reports outdoor weather conditions back to the base unit for an all-in-one weather display.

NOTE: Some units have a static cling label over the digital display. Please remove before use.

BATTERY INSTALLATION

The base unit operates on 2 AAA batteries and the remote sensor operates on 2 AAA batteries (batteries not included). Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.

IMPORTANT: Install batteries in the base unit first, then the remote sensor, otherwise the units' transmissions may not properly connect. Place the base unit as close as possible to the remote sensor when installing batteries.

TIP: When the temperature falls below freezing point, alkaline batteries used in outdoor units may freeze, lowering their voltage supply and effective range. Use of Lithium batteries is recommended in extremely cold or hot locations.

Base Unit

The battery compartment is located on the back of the unit. Remove the battery compartment door. Install (2) AAA size batteries into the battery compartment according to the polarity markings. Replace the battery compartment door.


Remote Sensor

The battery compartment is located on the back of the unit. Slide off the battery compartment cover. Install (2) AAA size batteries into the battery compartment according to the polarity markings. Replace the battery compartment door.


After Powering Up the Units:


When the base unit is powered up, it will beep and the LCD screen will light up.


The base unit will begin to display indoor temperature. The outdoor temperature display will flash dashes "--".

Allow at least 3 minutes for the base unit to connect with the remote sensor and analyze current outdoor temperature conditions. A radio antenna icon () moves next to the "OUT" icon in the outdoor temperature screen during this time.

Temperature digits replace the flashing dashes "--" when analysis is complete.

If after 3 minutes the icon stops moving and dashes remain, press and hold the "DOWN" button on the back of the base unit for 3 seconds to send another signal. The outdoor temperature will switch to flashing dashes "--" and the radio antenna icon () will flash as the base unit searches for the remote sensor's signal.

If after 3 minutes the icon stops moving and dashes remain, press and hold the "DOWN" button on the back of the base unit for 3 seconds to send another signal. The outdoor temperature will switch to flashing dashes "--" and the radio antenna icon () will flash as the base unit searches for the remote sensor's signal. For best setup connection, keep the base unit and remote close to each other while trying to connect. Keep away from other electronic equipment that may interfere with the connections, such as mobile phones, appliances, computers, refrigerators, TVs, etc.

Indoor temperature readings update on the base unit approximately every 60 seconds. The remote transmits temperature readings to the base unit approximately every 57 seconds. A red light flashes on the sensor when it sends a transmission signal and the radio antenna icon () will flash on the base unit when the signal is received.

Note: While the base unit is in "analyzing" mode, some functions may not be operational, or using the functions will interrupt the transmission reception. Once the "analyzing" mode is complete, the other functions will become operational.

DISPLAYING YOUR WEATHER STATION

Base Unit

Place the base unit indoors in a well-ventilated location away from direct sunlight.

Table top – pull the bottom of the Table Stand located on the back of the base unit to set it on a flat surface.

Wall – use the keyhole on the back of the base unit to hang on a wall using a screw or nail (not included).

Remote Sensor

Table top – place the sensor on a flat surface.

Wall – use the keyhole on the back of the remote to hang on a wall using a nail or screw (not included).

The transmission range of the remote sensor is 200 feet. The effective transmission range is vastly affected by obstacles such as walls, sheds, trees, etc. Try various set ups for the best results. Shorten the distance between the base and remote units when necessary.

To get the most accurate readings and to prolong the life of your sensor, we recommend that you mount it out of direct sunlight and rain. Direct sunlight will heat the casing and inflate temperatures readings. Place the sensor in a dry, shaded area. Fog and mist will not affect the sensor, but large volumes of soaking rain may. To guard against this, we recommend that you mount it under the eave of your house, your garage or any other suitable place that will keep it out of direct sun and rain.

Important: Though the remote unit is weather resistant, it should be placed away from direct sunlight, rain, snow and should never be submerged in water.

TEMPERATURE READINGS

The base unit displays indoor temperature readings on the left side of the screen (“IN”) from its location.

The remote sensor transmits outdoor temperature readings (“OUT”) from its location back to the base unit.

Press the “DOWN” button on the back of the base unit to switch between Fahrenheit and Celsius temperature displays.

Note: If the current temperature is higher than the range of the unit, the display will show “HH”. If the current temperature is lower, the display will show “LL”.

CLOCK FEATURE

The Clock display is located at the bottom of the base unit’s LCD screen. The clock has alarm and snooze functions.

A) Clock Setting

1. Press and hold the “MODE” button on the back of the base unit for 2 seconds to enter Clock Setting Mode. The year digits flash in place of the clock digits.
2. Press the “UP” or “DOWN” button to change the year. Press “MODE” to confirm. The month digits blink.
3. Press the “UP” or “DOWN” button to change the month. Press “MODE” to confirm. The date digits blink.
4. Press the “UP” or “DOWN” button to change the date. Press “MODE” to confirm. The Month/Day (“M D”) or Day/Month (“M D”) selection blinks.
5. Press the “UP” or “DOWN” button to toggle between Month/Day and Day/Month format. Press “MODE” to confirm. “12 Hr” or “24 Hr” blinks.
6. Press the “UP” or “DOWN” button to toggle between 12 and 24 hour clock mode. Press “MODE” to confirm. The hour and minute digits reappear. The hour digits blink.
7. Press the “UP” or “DOWN” button to change the hours. Press “MODE” to confirm. The minute digits blink.
8. Press the “UP” or “DOWN” button to change the minutes. Press “MODE” to confirm. The hour and minute digits stop flashing. The clock is set.

Notes: If no buttons are pressed within 30 seconds, the unit will automatically exit Clock Setting mode. Until a time has been set, the clock will count up the time since battery installation.

B) Alarm Setting

1. Press the "UP" button on the back of the base unit. An "🔔" icon appears between the hour and minute digits (above the colon ":"), indicating the alarm function is active.
2. Press the "MODE" button to enter Alarm Setting mode. The alarm digits appear in place of the clock, indicated by the "AL" icon which appears next to the alarm digits.
3. Press and hold the "MODE" button for 2 seconds. The alarm hour digits blink.
4. Press the "UP" or "DOWN" button on the back of the unit to change the hours. Press "MODE" to confirm. The minute digits blink.
5. Press the "UP" or "DOWN" button to change the minutes. Press "MODE" to confirm. The alarm is set. The clock display returns.
6. The alarm will sound for 1 minute at a rising volume unless silenced.
 - To silence the alarm for 5 minutes, press the "SNOOZE" button on the back of the base unit. The Snooze icon ("Zz") between the hour and minute digits (under the colon ":") blinks. The "Zz" icon will continue to blink as long as the Snooze is active.
 - To stop the alarm for the day and deactivate the Snooze, press any button on the base unit except SNOOZE. The alarm will sound again the next day at the set time.
 - To deactivate the alarm completely, press the "UP" button until the alarm bell icon ("🔔") disappears. The alarm is deactivated and will not ring the next day.

Note: If no buttons are pressed within 30 seconds, the unit will automatically exit Alarm Setting mode and return to Clock mode. If the snooze button is not pressed, the alarm will silence after one minute. The alarm will not ring again until the next day if the alarm is still active.

WEATHER FORECAST ICONS

The weather station will estimate weather conditions over the next 6-12 hours. These estimates are based on changes in barometric pressure.

One of these weather icons will be display at the top of the LCD screen:



Notes: The weather icons indicate estimated weather fluctuations over the next 6-12 hours, not the current weather conditions. Once the weather station is powered, the first 12 hours of data will be incorrect, as the units are still analyzing the current weather conditions.

Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your weather station and local weather forecasting service, please take the advice of the forecasting service over the weather station.

BAROMETRIC PRESSURE READINGS

Absolute barometric pressure refers to the true measured air pressure at the current time and location of the weather station. It may be expressed in either millibars (mb)/hectopascals (hPa) or inches of mercury (inHg). A rising or falling barometric pressure reading indicates the likelihood of fair or poor weather conditions. The barometric pressure display is located in the center of the LCD screen.

-A high or rising barometric pressure indicates fair weather conditions.

-A low or falling barometric pressure indicates poor weather conditions.

To select a Barometric Pressure Display:

1. Press and hold the "HISTORY" button on the back of the base unit for 2 seconds. An "mb/hPa" or "inHg" icon blinks in the Barometric Pressure Display window.
2. Press the "UP" or "DOWN" button to toggle between "mb/hPa" and "inHg".
3. Press "HISTORY" to confirm. The barometric pressure display format is set.

Note: "mb/hPa" altitudes will be expressed in meters, while "inHg" is expressed in feet. If no buttons are pressed within 30 seconds, the unit will automatically return to Normal mode.

Barometric Pressure History

Press the "HISTORY" button on the back of the unit to see the barometric pressure readings for the past 12 hours. The "HIST" (history) box icon indicates which hour history is displayed (1 hour ago, 2 hours ago, etc.). To return to the current barometric pressure readings, press "HISTORY" until the hour icon is "0".

Note: until there are 12 hours of history readings, some history hours will show dashes.

LOW BATTERY

Base unit: replace the batteries if readings grow dim or irregular.

Remote sensor: replace the batteries if the red light on the sensor stops flashing approximately every 57 seconds, or if transmission signals seem weak or irregular.

Always replace all batteries in each unit at the same time; do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.

NOTE: Please recycle or dispose of batteries per local regulations.

WARNING: Batteries may pose a choking hazard. As with all small items, do not let children handle batteries. If swallowed, seek medical attention immediately.

PRECAUTION: Do not dispose of batteries in fire. Batteries may explode or leak. Remove the batteries if the units will not be used for a long period of time.

PROBLEM SOLVING

1. If the base unit does not receive a transmission from the remote sensor for one hour, the outdoor temperature display will show dashes (" - "). Press and hold the "- " button on the back of the base unit for 3 seconds to force a transmission signal. If the connection still fails:
 - a) Check that the remote is properly positioned, within the appropriate transmission range (200 feet). Transmissions are vastly affected by building materials and where the receiver and remote units are positioned. Try various set ups for the best results. Shorten the distance between receiver and remote units when necessary.
 - b) Check to make sure the transmission path is clear of obstacles and interference.
 - c) Place the remote sensor closer to the base unit.
 - d) Remove and reinstall all batteries. Try fresh batteries.
2. If the current temperature is higher than the range of the unit, the display will show "HH". If the current temperature is lower, the display will show "LL".
 - Indoor temperature range is 32°F to 122°F (0°C to 50°C).
 - Outdoor temperature range transmitted by remote sensor is -4°F to 140°F (-20°C to 60°C) using alkaline batteries. (Use of Lithium batteries can extend the range to -40°F to 140°F / -40°C to 60°C.)
3. The temperature sensors are manufactured to the accurate within plus or minus 2°F (1°C) within a temperature range from 32 to 104°F (0 to 40°C) and plus or minus 4°F (2°C) outside that range. Therefore, 2 units placed next to each other may report different readings. This is a normal occurrence with digital sensors and should not be considered a defect.
4. For maximum performance in normal conditions, good quality alkaline batteries are recommended. When temperatures are below 0°F, alkaline batteries can lose power resulting in a loss of remote transmission. If you reside in an area that experiences frequent temperatures near or below 0°F, lithium batteries are recommended to minimize the loss of transmission.

TRANSMISSION COLLISION

Signals from other household devices, such as doorbells, home security systems and entry controls, may interfere. This is normal and does not affect the general performance of this product. The transmission will resume once the interference recedes.

Important: Though the remote sensor is weather resistant, it should be placed away from direct sunlight, rain, snow and should never be submerged in water.

PRECAUTIONS

1. The base unit is intended for indoor use only. It is not sealed against moisture and could be damaged if used outdoors. The remote sensor is weather-resistant but not weather-proof or waterproof. Do not immerse it in water or allow snow to accumulate on it. Do not leave it outdoors in extreme weather conditions. If these conditions become likely to occur, temporarily move the sensor to an indoor area. Otherwise, permanent damage to the sensor's internal circuits may occur.
2. Do not immerse the units in water. If you spill liquid on one, dry immediately with a soft, lint-free cloth.
3. Do not clean the units with abrasive or corrosive materials. This may scratch plastic parts and corrode electronic circuits.
4. Do not subject units to excessive force, shock, dust, temperature or humidity. This may result in malfunction, shorter electronic life span, damaged batteries or distorted parts.
5. Do not tamper with the unit's internal components. Doing so will invalidate the warranty on this product and may cause damage. Other than replacing the batteries, the units contain no user-serviceable parts.
6. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries. Do not dispose of batteries in fire. Batteries may explode or leak. Remove the batteries if the units will not be used for a long period of time.
7. This product is for measuring weather temperatures only. **DO NOT PLACE UNITS INTO OVENS, GRILLS, FREEZERS or MICROWAVE OVENS.**
8. Always read the instruction manual before operating this product.

SPECIFICATIONS

Indoor temperature range: 32°F to 122°F (0°C to 50°C)

Outdoor temperature range transmitted by remote sensor:

Alkaline batteries: -4°F to 140°F (-20°C to 60°C)

Lithium batteries: -40°F to 140°F (-40°C to 60°C)

Over/Under temperature range messages: "HH" for over, "LL" for under

Resolution: 1 degree for temperature

Indoor temperature readings update approximately every 60 seconds

Remote sensor transmits temperature readings approximately every 57 seconds

Weather Forecast – 6 to 12 hour forecast icons

Barometer with 12 hour history

Clock with alarm and snooze

Transmission: Maximum 200 feet (60 meters) in open area

Power: 2 AAA batteries for base unit (not included) and 2 AAA batteries for remote sensor (not included).

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

Note: 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 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.

FCC ID: WEC-1502 (remote sensor transmitter)

One Year Limited Warranty

This product is warranted against defects in materials or workmanship (excluding batteries) for one (1) year from date of original purchase for the original purchaser. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and/or repair. Should this product require service (or replacement at our option) while under warranty, do not return to retailer. Please pack the item carefully and return it prepaid, along with store receipt showing date of purchase and a note explaining reason for return to:

**Taylor Precision Products
2220 Entrada Del Sol, Suite A
Las Cruces, New Mexico 88001
www.taylorusa.com
Email: prodsupport@taylorusa.com**

There are no express warranties except as listed above. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For additional product information, or warranty information outside the USA, please contact us through www.taylorusa.com.

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Made to our exact specifications in China.