To Power and Set Up the Weather Forecaster

Battery Power
2 AAA alkaline for base unit (not included).
2 AAA lithium (recommended) for remote sensor (not included).

Install Batteries into Base Unit
*Important: Install the base unit batteries **first**, before installing the remote sensor batteries, for proper signal connection.
Base unit –use 2 AAA alkaline or lithium batteries (not included).
Remove the battery compartment cover on the back of the base unit. Install 2 AAA batteries according to the polarity markings in the compartment. Replace the cover.

Set Current Weather Conditions
1. After installing the batteries into the base unit, the current weather icon flashes.
   2. Press "Up" or "Down" to select the weather icon you believe most closely reflects the current conditions in your area. (Partly Cloudy is the default setting).
   3. Press "Time/Date" to select the displayed weather icon. The icon stops flashing.
   4. The selected weather icon appears on all screens. (The temperature, humidity and weather forecasts update after remote sensor is added.)

Install Batteries into Remote Sensor
*Important: Install the remote sensor batteries **after** installing the base unit batteries for proper signal connection.
Remote sensor – use 2 AAA lithium batteries (not included).
Remove the screws from the battery compartment on the back of the remote (take care not to misplace the screws). Install 2 AAA batteries according to the polarity markings in the compartment. Replace the cover and the screws.

Battery Advice: Alkaline batteries will read outdoor temperatures from 14°F to 122°F (-10°C to 50°C).
Lithium batteries will read outdoor temperatures from -4°F to 158°F (-20°C to 70°C).
Although alkaline batteries may be used, lithium batteries are recommended for the wider temperature range.

Set Up Remote Sensor
1. After installing the batteries into the base unit and then the remote sensor, place the units close together for best setup connection.

2. Press and hold the "SYNC" button for 3 seconds to send a transmission signal to the

remote sensor. Allow a few minutes for a connection as the "   " icon flashes and the

current temperature digits show dashes.   When connected, the current temperature updates and the " " icon disappears.

3. After a signal is received, position the remote sensor at an outdoor location within 200 feet of the base unit in a dry, shaded area. Direct sunlight will heat the casing and inflate temperatures readings.

Important: Though the remote is weather resistant, it should be placed away from direct sunlight, rain, snow and should never be submerged in water.
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Allow at least **6** hours for the remote to analyze weather conditions and report forecast readings. During that time, indoor temperature will update every 30 seconds and appears on the forecast screens. Outdoor temperature and humidity show "—", and all weather icons are identical.

5.   When the units begin to forecast weather conditions after the first 6 hours, all temperature and weather screens will update with new forecasts.
6. The remote sensor will automatically transmit weather conditions to the base unit.
• Indoor temperature readings will update approximately every 30 seconds.
• Current outdoor temperature readings will update approximately every 1 minute.
•Outdoor temperature, outdoor humidity and weather condition forecasts will update every 6 hours during the first 24 hours of operation.
After the first 24 hours, updates occur every 1 hour.
Please note: if the remote senses identical weather conditions over a 24 hour period, the screens will all show identical readings.

Set Clock and Date
1. Press and hold "TIME/DATE" for 2 seconds, then release.
2. Press "UP" or "DOWN" to change the hours. Press "TIME/DATE".
3. Press "UP" or "DOWN" to change the minutes. Press "TIME/DATE".
4. Press "UP" or "DOWN" to change the month. Press "TIME/DATE".
5. Press "UP" or "DOWN" to change the date. Press "TIME/DATE".
6. Press "UP" or "DOWN" to change the year. Press "TIME/DATE".
7. Press "UP" or "DOWN" to switch between a 12 or 24 hour clock. Press "TIME/DATE".
8. Weather Forecaster and Clock/Date setup are complete.

Reading the Weather Forecaster
5 forecast displays over 24 hours
Forecast screens will rotate as time periods change, with the upcoming time period appearing at the left.

Today Evening	(6PM-10PM)
Today Overnight	(10PM-6PM)
Tomorrow Morning	(6AM-10AM)
Tomorrow Midday	(10AM-2PM)
Tomorrow Afternoon	(2PM-6PM)

Additional Features

°C/°F Selection
Press the "C/F" button to switch between Fahrenheit and Celsius temperatures.

Backlight
Press the Backlight button on the top of the base unit. The LCD screen will light up for 5 seconds.

Low Battery Warnings

Base unit – replace both batteries when the " " icon appears on the right side of the screen.

Remote sensor – replace both batteries when the " " icon appears on the left side of the screen.

Tips
Setup:
Place the base unit as close as possible to the remote sensor during setup.
This will ensure the best reception of signals as you set up your wireless forecaster.

Location:
Position the base unit and remote sensor within the effective transmission range of 200 feet (60 meters).

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

Place the remote sensor in a dry, shaded area. Direct sunlight will heat the casing and inflate temperatures readings.

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.

Note: The effective range is greatly affected by the building materials and where the base and remote units are positioned. Try various set ups for the best results. Check to make sure the transmission path is clear of obstacles and interference. Shorten the distance between base and remote units when necessary.

Placement:
Table stand – use to sit the units on a flat surface, such as a desk or countertop.
Keyhole – use to hang on a wall.

Batteries:
Lithium batteries are recommended for the remote sensor, since alkaline batteries may freeze or otherwise become damaged in extreme temperatures. The sensor will function with alkaline batteries, but are best suited for milder climates. (See Specifications.)

Problem Solving
1. If the LCD readout is faint, replace the batteries.
2. If outdoor temperature does not display on the base unit:
a) Press and hold the "SYNC" button for 3 seconds to trigger a signal from the base to the remote;
b) Relocate remote sensor if it is obstructed from weather conditions or in contact with an object that might affect temperature readings (hot metal object, snow, etc.)
c) Remove and reinstall all batteries, using new fully charged batteries;
d) Repeat set-up procedures;
e) Place the remote sensor closer to the base unit;
f) Position the base and remote within range and without interfering obstructions between units.
3. If new batteries are faulty on the initial installation, install fresh batteries. If you did not notice the Low Battery icon warning and the product performed correctly after initial set up, the batteries have lost their charge. Replace the batteries (see To Power and Set Up the Weather Forecaster).

General Information

Display Information
If the base unit does not receive a transmission from a remote channel for 1 hour, the display will show dashes. Press and hold the "SYNC" button for 3 seconds to send a signal manually. Check that the base and remote are within a 200 foot range. Check that there are no major obstacles between the units that may block signals, such as buildings, trees, etc. Try to have no more than 2 or 3 walls between the units. Try various locations and shorten the distance between units if necessary.

Over- or under- temperature and humidity range displays: If the temperature or humidity is outside the unit's range of -4°F to 158°F / -20°C to 70°C (with use of lithium batteries) or 20% - 99% RH, the LCD will show "HH" (higher than the range) or "LL" (lower than the range). When temperature or humidity are within the range, the readings will return. If necessary, relocate the remote sensor away from locations with extreme temperatures (such as snow or a hot surface).

Transmission Information

Signal Transmission:
The remote sensor sends temperature and weather condition information to the base unit.

After installing batteries into both units, allow 6 hours to analyze weather conditions and report forecasts.

Weather readings will update as follows:
• Indoor temperature updates approximately every 30 seconds.
        • Outdoor temperature updates approximately every 1 minute.
        • Temperature, humidity and weather forecasts update every 6 hours during the first 24 hours of operation after battery installation.
• After 24 hours, updates occur every 1 hour.

If there are no changes on the display after 6 hours, press and hold the "SYNC" button for 3 seconds to send a new signal to repeat the transmission cycle.

After an extreme temperature change (ex. relocating the sensor from a warm indoor location to snowy outdoors), allow a few minutes for the temperature reading to stabilize.

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.

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, 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.
Modifications not authorized by the manufacturer may void user's authority to operate this device.

Precautions
1. Always read the instruction manual before operating this product.
2. The base unit is intended for indoor use only. It is not sealed against moisture and could be damaged if used outdoors.
3. Do not immerse the unit in water. If you spill liquid on it, dry immediately with a soft, lint-free cloth.

4. The remote sensor is weather resistant but not waterproof and should never be submerged in water. It should be placed away from direct sunlight, rain, and snow.
5. Do not clean the units with abrasive or corrosive materials. This may scratch plastic parts and corrode electronic circuits.
6. Do not subject units to excessive force, shock, dust, temperature or humidity. This may result in malfunction, shorter electronic life span, damaged battery or distorted parts.
7. Do not tamper with the units' internal components. Doing so will invalidate the warranty on this product and may cause damage. The units contain no user-serviceable parts.
8. Do not mix old and new batteries. Do not mix Alkaline, Lithium, carbon zinc (standard) or Nickel-Cadmium (rechargeable) 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.
9. Due to continuous product improvements, the illustrations shown in this manual may differ from the actual display.
10. If you choose to place the remote sensor indoors (in a basement, attic, child's room, etc.), the sensor will not be tracking outdoor conditions and the base unit will not be able to receive an accurate weather forecast.

Specifications
Range of temperature measurement:
Base unit (indoor only): 14°F to 122°F (-10°C to 50°C)
Remote sensor:
With Lithium batteries: -4°F to 158°F (-20°C to 70°C)
With Alkaline batteries: 14°F to 122°F (-10°C to 50°C)
Outdoor Humidity: 20% - 99% RH
Resolution: 1° for temperature, 1% for humidity
Power:
Base unit – 2 AAA alkaline batteries
Remote sensor – 2 AAA lithium batteries (recommended for wider temperature range)
5 weather forecast icons: Sunny, Partly Cloudy, Cloudy, Rain, Snow
5 forecast time displays over 24 hours:
Today Evening (6PM-10PM)
Today Overnight (10PM-6PM)
Tomorrow Morning (6AM-10AM)
Tomorrow Midday (10AM-2PM)
Tomorrow Afternoon (2PM-6PM)
12/24 clock with date and year
5 second backlight
Transmission: Max. 200 ft (60m) open area, RF433.92MHz

Federal Communications Commission (FCC) Statement
This equipment has been tested. And it 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 uses and radiates radio frequency energy and, if not installed and used in accordance with the instruction,

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.