

Wi-Fi Features

Get your AcuRite Optimus display online quickly and easily with the AcuRite NOW app! View your home information from anywhere, set alerts, explore records and charts and share with friends and family members.

Download the AcuRite NOW App to get started!



Weather Forecast

The Optimus 06189M display features a patented forecast with a unique learning mode that monitors the barometric pressure and other exact conditions to fine tune the forecast. The result is an extremely accurate forecast of the weather conditions for the next 12 to 24 hours.

Weather Alerts

This display features programmable alarms that sound an alert to notify you when a value has been reached or exceeded.

Note: these are intended as LOCAL alerts only, alerts set on the display will not send to the AcuRite NOW app.

ACURITE OPTIMUS

The 06189M AcuRite Optimus display is specially designed to give you the most important weather information and be easily read from across the room.

Begin by installing the Optimus Outdoor Temperature sensor first. Next, press the "SET" button to go through the guided setup procedure on your display. Each setup option/value will flash, you may adjust the value by pressing the "UP" and/or "DOWN" arrow buttons, then press "SET" to enter the value and move on to the next setup option.



Using Weather Alerts

- Press the "ALERTS" button repeatedly to select the desired reading HIGH (⬆) or LOW (⬇) alert threshold setting.
- To toggle alert ON/OFF for a currently selected HIGH or LOW alert, press the "OPTION" button. The Alert icon will reflect ON(⬆) or OFF(⬇) status.
- To EDIT the selected HIGH or LOW alert threshold, press the "SET" button and utilize the "DOWN" and/or "UP" buttons to adjust the alert threshold.

OPTIONALLY, if you wish to toggle ALL alerts ON/OFF, press and HOLD the "ALERTS" button for 5 seconds.

Backlight Control

Press the "BACKLIGHT" button to adjust the backlight level from 100%, 50%, 30% or "AUTO." Auto dim will automatically adjust the backlight. OPTIONAL, you may turn the backlight completely off by pressing and holding the backlight button for 5 seconds.

Rainfall Tracking

Near term and month rainfall records are displayed by default. Press the "RECORDS" button to view rainfall totals from the last 48 hours, week, and all time accumulated total. Continue to press the "RECORDS" button to cycle through additional records.

Flex-display

Press the "OPTION" button to toggle between INDOOR conditions and heat index/dew point. Wind Chill is shown automatically below 32°F, as is an "ICE" warning.

Lightning Detection

Automatically alerts you to approaching lightning producing storms - up to 25 miles away! Keeps count of general lightning activity and distance to the storm. The lightning detection feature will automatically mute after the first few strikes. To permanently MUTE ANY lightning audible alerts, press and hold "MUTE" for 10 seconds.

TROUBLESHOOTING

NO RECEPTION FROM OUTDOOR SENSOR



- Confirm that the "ABC" switch position located in the battery compartments of both the outdoor sensor and the indoor display match. For example, if the outdoor Sensor is set to "A", the display must also be set to "A"
- Confirm the RED LED transmit indicator is flashing on the bottom of the outdoor sensor (near the battery bay). Look carefully, it blinks briefly every 18 seconds or so, and can be difficult to see during the daylight hours. If it's not operating, you may need to check or replace the batteries.
- Relocate one or both units and ensure they are placed within 330 feet of each other and away from electronics that may interfere with the wireless communication (TVs, microwaves, PC's, etc).
- RE-Synchronize the indoor display and outdoor sensor:
 1. Bring both the sensor and display together indoors and reset power on both units.
 2. Reinstall batteries or/power adapter in outdoor sensor.
 3. Let the units sit within a couple feet of each other for a few minutes to gain a strong connection.

OUTDOOR TEMPERATURE DISPLAYING " - " or "-40°F"

When the outdoor temperature is showing dashes, and the signal strength is consistently low, it may be an indication of long term wireless interference between the outdoor sensor and display. **CHECK OR REPLACE BATTERIES.**

- Relocate one or both units and ensure they are placed within 330 feet of each other and at least 3 feet (.9 m) away from electronics that may interfere with the wireless communication (TVs, microwaves, PC's, etc).
- When the outdoor temperature is showing "-40" or " - " (dashes), or displays the message "SERVICE TEMP. & HUMIDITY MODULE" it could be time to replace the temperature & humidity module in your Optimus Outdoor sensor. The Temperature & Humidity module should be replaced annually to ensure accuracy and continued operation. visit www.AcuRite.com for more information.

DISPLAY NOT CONNECTING TO Wi-Fi

- Your internet router and display must be within range of each other. Relocate your display closer to your Wi-Fi router.
- Ensure the network name (SSID) and password you've entered are correct. NOTE: Both network name and password are case sensitive.
- Make sure DHCP is enabled on your router. Most routers have DHCP enabled by default.
- Ensure your router is broadcasting a 2.4 GHz network. The weather station display only supports 2.4 GHz wireless
- Try adding your display again utilizing the AcuRite NOW app on your mobile device. Download the AcuRite NOW App and follow the on-screen APP instructions.

INACCURATE READINGS

- Make sure both the display and Optimus sensor are placed away from any heat sources or vents
- Make sure both units are positioned away from moisture sources
- Make sure the Optimus sensor is mounted at least (5 ft) off the ground.
- If INDOOR temperature and/or humidity readings are consistently off from expected and verified readings, you may try Calibrating the indoor readings by navigating to "Calibration" in the on-screen menu.

DISPLAY IS DARK OR APPEARS TO BE OFF

- This display requires a constant source of power to operate continuously. Batteries are ONLY for backup power to continue monitoring weather data and to retain records during/after a power outage. Ensure the display is plugged into a continuous power source/outlet - make sure it is NOT a switched outlet.
- The display backlight may have been temporarily turned off. Press and hold the "BACKLIGHT" button to toggle the backlight completely OFF or ON.

INDOOR USE ONLY, FOR USE IN DRY ENVIRONMENTS. NO USER SERVICEABLE PARTS INSIDE.

DISPLAY SPECIFICATIONS

TEMPERATURE RANGE

32°F to 122°F (0°C to 50°C) - (indoor readings)
1% to 99% - (indoor readings)

HUMIDITY RANGE

60 second updates - (indoor readings)

DATA SAMPLING

5V 1000mA Power Adapter, 3 x AAA batteries for backup (optional)
2.4 GHz ONLY, requires a broadband connection

POWER REQUIREMENTS

433 Mhz, RANGE 330 FEET (100 meters) to OUTDOOR SENSOR

WIFI COMPATIBILITY

RECEPTION FREQUENCY

IMPORTANT: PRODUCT MUST BE REGISTERED FOR WARRANTY SERVICE

www.AcuRite.com/product-registration

Limited 1-Year Warranty AcuRite is a business unit and brand of Combox, Inc. (referred to as "Combox," "we," "us," or "our" in this document. Chaney Instrument Company is also a business unit and brand of Combox. For purchases of both AcuRite and Chaney Instrument Company products, Combox provides the benefits and warranty services described below.

We warrant to the original purchaser that all products we manufacture under this warranty are of good material and workmanship and, when properly installed and operated, will be free of defects for a period of one year from the date of purchase (the "One Year Warranty"). Any product which, under normal use and service and after examination by us, fails to meet the One Year Warranty will, at our sole option, be repaired or replaced by us. Although, as explained below, in some cases a refund will be provided. Transportation costs and charges for returned goods shall be paid for by the purchaser. We hereby disclaim all responsibility for such transportation costs and charges. The One Year Warranty does not cover, and we will not repair or replace products which have received normal wear and tear not affecting the functionality of the product, been damaged (including by acts of nature), tampered, abused, improperly installed, or repaired or altered by anyone other than our authorized representatives.

The remedy under the One Year Warranty is limited to repair or replacement of the defective item(s). If we determine that repair or replacement is not feasible, we may, at our option, refund the amount of the original purchase price.

THE ONE YEAR WARRANTY IS NOT TRANSFERABLE AND IS THE SOLE WARRANTY FOR THE PRODUCTS AND IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. ALL OTHER WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH HEREIN ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. WE EXPRESSLY DISCLAIM ALL LIABILITY FOR SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, WHETHER ARISING IN TORT OR BY CONTRACT FROM ANY BREACH OF THIS WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. WE FURTHER DISCLAIM LIABILITY FROM PERSONAL INJURY RELATING TO OUR PRODUCTS TO THE EXTENT PERMITTED BY LAW. BY ACCEPTANCE OF ANY OF OUR PRODUCTS, THE PURCHASER ASSUMES ALL LIABILITY FOR THE CONSEQUENCES ARISING FROM THEIR USE OR MISUSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO BIND US TO ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS. FURTHERMORE, NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO MODIFY OR WAIVE THE TERMS OF THIS WARRANTY UNLESS DONE IN WRITING AND SIGNED BY A DULY AUTHORIZED AGENT OF OURS.

IN NO CASE SHALL OUR LIABILITY FOR ANY CLAIM RELATING TO OUR PRODUCTS, YOUR PURCHASE OR YOUR USE THEREOF, EXCEED THE ORIGINAL PURCHASE PRICE PAID FOR THE PRODUCT.

Applicability of Warranty The One Year Warranty applies only to purchases made in the United States and Canada. For purchases made in a country other than the United States or Canada, please consult the warranties, if any, applicable to the country in which you made your purchase. As noted, the One Year Warranty applies only to the original purchaser of our products. We cannot and do not offer any return, refund, or warranty services if you buy products used or from resale sites such as eBay or Craigslist.

Governing Law The One Year Warranty is governed by the laws of the United States and the State of Wisconsin. Any dispute relating to the warranty shall be brought exclusively in the federal or State courts having jurisdiction in Walworth County, Wisconsin; and purchaser consents to jurisdiction within the State of Wisconsin.

ACURITE OPTIMUS

DESIGNED IN THE U.S.A.

INST 06189M 10162025

