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You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY C86371. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY C86371 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LA CROSSE TECHNOLOGY C86371 User guide LA CROSSE TECHNOLOGY C86371 Operating instructions LA CROSSE TECHNOLOGY C86371 Instructions for use LA CROSSE TECHNOLOGY C86371 Instruction manual LA CROSSE TECHNOLOGY C86371

LA CROSSE[®] TECHNOLOGY

Color Wireless Atomic
Weather Station Model: C86371

INTRODUCTION:
The Color Wireless Atomic Weather Station offers radio-controlled time, weather forecast, indoor and outdoor temperature, humidity, heat index and dew point, on a stylish, colorful, and easy to read display. Includes a USB charge port that charges your devices from the weather station!

COLOR WEATHER STATION:



Set up instructions step by step:

- Step 1:**
- Remove battery cover from LCD Display, slide tab to right and pull out to remove the cover.
 - Insert 2 NEW AA batteries (not included) into the back of the LCD Display. Observe the correct polarity (see marking inside the battery compartment).
 - Do not mix old and new batteries, use alkaline batteries.
 - The display will light up and display indoor temperature, humidity and channel 1.
- Step 2:**
- Insert the 5 volt AC power adapter into the designated area on the back of the LCD display.
 - Insert the power adapter plug into a wall outlet if you want a continuous backlight display.
 - IMPORTANT:** When operating on ac power, the backlight will turn off while the Display searches for the WWVB signal, to avoid interference. The backlight will return after the 2-10 minute search.

- Step 3:**
- Install batteries into the outdoor transmitter.
 - Slide the battery cover down and lift off the back of the transmitter.
 - Insert 2 NEW AA batteries into the transmitter. Observe the correct polarity.
 - You will see a CH switch next to the battery install area, this is factory set at Channel 1. Keep it at channel 1. Keep the LCD display and the transmitter close to each other (within 10 feet).
 - Within 3 minutes the LCD display will beep and the Outdoor temperature should be displayed.

- Trouble shooting:**
- If after 3 minutes of waiting, the Outdoor temperature does not show up in the designated area on the display. Remove the power adapter and all batteries from both units and TRY the set up again.
 - If the outdoor temperature does not show up after a second attempt to initiate, we suggest you slide open the battery cover of the outdoor transmitter and you will

see a small button called TX, push down on this button for 3 seconds and this will send a signal to your LCD display.

For optimal reception performance, of the 433 MHz signal, the outdoor transmitter should be placed within 200 feet (60 meters) from the indoor LCD display.

The Color LCD display weather icons will require 8-12 hours to initialize based on outdoor weather conditions so do not consider the immediate readings as accurate.

POSITIONING THE OUTDOOR TRANSMITTER
The remote temperature transmitter should be mounted vertically to avoid damage. Place both units in the desired shaded locations, and wait approximately 1 hour before permanently mounting the transmitter to ensure that there is proper reception. The outdoor temperature/humidity transmitter is water resistant, not waterproof and should be placed anywhere it will become submerged in water or subject to standing water or snow.

WALL MOUNT

- Choose a location for the transmitter that is within range of the Wireless Color Forecast Station and under an overhang for accuracy.
- Install one mounting screw (not included) into a wall leaving approximately 1/4 of an inch (12.7mm) extending.
- Place the transmitter onto the screw, using the hanging hole on the backside.
- Gently pull the transmitter down to lock the screw into place.

To achieve a true temperature/humidity reading, mount the transmitter out of direct sunlight. Mount the outdoor transmitter on a North facing wall or in any wall shaded area. Under an eave or deck rail works well. The maximum transmitting range in open air is 200 feet (60 meters). Obstacles such as walls, windows, eaves, concrete, and large metal objects can reduce the range. Place the transmitter at least 4 feet in the air to improve signal transmission.

WWVB RADIO CONTROLLED TIME
The NIST radio station, WWVB, is located in Ft. Collins, Colorado and transmits the exact time signal continuously throughout the United States at 60 kHz. The signal can be received up to 2,000 miles away through the internal antenna in the Color Atomic Forecast Station. However, due to the nature of the Earth's ionosphere, reception is very limited during daylight hours. The Atomic Color Forecast Station will search for a signal every night when reception is best. The WWVB radio station degrades its signal from the NIST Atomic Clock in Boulder, Colorado.

WWVB RECEPTION ICON with full signal strength will appear on screen if the reception of atomic time is successful.

- The lower icon will show solid when the display has received the WWVB signal.
- No lower icon displayed. The display was unable to receive a signal at the time.
- Repetition of the display for better signal reception or try again at bedtime.
- The display will start searching at UTC: 0:50 and if no reception on the first attempt they will try again at 09:00, 09:40 and 10:00. Each attempt will be at least 2 minutes and the most will be 10 minutes.
- If there is no signal or too much interference the receiver will only be on for 2 minutes.
- If the signal is good it may catch a signal in ABOUT 2-3 minutes.
- If the signal is marginal it will try to catch a signal for up to 10 minutes.
- IMPORTANT:** When operating on ac power, the backlight will turn off while the Display searches for the WWVB signal, to avoid interference. The backlight will return after the 2-10 minute search which occurs during the late night or early morning hours.

Note: In case the Atomic Color Forecast Station is not able to detect the WWVB signal (disturbances, transmitting distance, etc.) the time can be manually set.

PROGRAM MENU: The SET button will move through the program menu. To change a value use the +/-RCC or +/-F/C buttons.

WWVB ON/OFF: Hold the SET button 5 seconds and WWVB and the word ON will flash. Press and release the +/-RCC or +/-F/C button to turn this to OFF if you do not wish WWVB reception. Confirm with the SET button and move to the next item.

TIME ZONE: EST will flash. Press and release the +/-RCC or +/-F/C button to select a different Time Zone: AST=Atlantic, EST=Eastern, CST=Central, MST=Mountain, PST= Pacific, AKT=Alaska, HAT=Hawaiian time zone. Confirm with the SET button and move to the next item.

DAYLIGHT SAVING TIME: DST will flash and the word ON. Press and release the +/-RCC or +/-F/C button to turn this to OFF if you do not observe DST. Confirm with the SET button and move to the next item.

12/24 HOUR TIME: 12H will flash. Press and release the +/-RCC or +/-F/C button to select 24H. Confirm with the SET button and move to the next item.

- HOUR:** The hour will flash. Press and release the +/-RCC or +/-F/C button to select the correct hour. Confirm with the SET button and move to the next item.
- MINUTES:** The minutes will flash. Press and release the +/-RCC or +/-F/C button to select the correct minutes. Confirm with the SET button and move to the next item.
- YEAR:** The year will flash. Press and release the +/-RCC or +/-F/C button to select the correct year. Confirm with the SET button and move to the next item.
- MONTH:** The month will flash. Press and release the +/-RCC or +/-F/C button to select the correct month. Confirm with the SET button and move to the next item.
- DATE:** The date will flash. Press and release the +/-RCC or +/-F/C button to select the correct date. Confirm with the SET button and exit the program menu.

CELSIUS/FAHRENHEIT: Press and release the +/-C/F button once on the display, to switch from Celsius to Fahrenheit.

AUTO: This word appears in the outdoor temperature/humidity area. The Display will automatically switch between channels (when using multiple transmitters).

- Press and release the CH button repeatedly until AUTO is displayed. The Display will rotate through all available channels.
- Press and release the CH button once to display only one channel continually.
- Note:** When only one transmitter is connected, you cannot see other channels.

BUTTON FUNCTIONS:

Button	Press and Release Functions	Hold 3-5 seconds
SET	Move through program menu Confirm setting.	Enter program menu, set time, date, etc.
ALARM	View Alarm Activate/Deactivate Alarm	Alarm set Search for WWVB signal
+RCC	1 step forward (setup)	Fast advance (setup)
-F/C	Select temperature in C/F 1 step backward (setup)	Fast backward (set)
MIN/MAX	1 time MAX values 2 times MIN values	Results at MIN / MAX values
HEAT DEW	1 time Heat Index 2 times Dew Point	Turn continuous backlight ON or OFF (ac adapter)
CH	Switch channels (multiple transmitters)	Search for remote transmitter
LIGHT HILO HOLD/OFF	Dim/backlight for night time.	Light continuous backlight ON or OFF (ac adapter)
LIGHT/SNOOZE (top)	Activate backlight when using only batteries.	Trigger snooze alarm

BACKLIGHT: The backlight is on continuously when operating the display with the 5 volt ac adapter.

HIGH: The backlight is dimmed to HI when the ac cord is inserted.

LO: Press and release the LIGHT HILO button to dim the backlight. Press and release again to return to full strength.

OFF: Hold the HOLD/OFF button for 5 seconds, until the station beeps, to turn the backlight off to sleep.

ON: Hold the HOLD/OFF button again until the station beeps, to turn the backlight on.

Note: When the backlight is off, press any button to activate the backlight for 8 seconds.

Battery power: Press and release the SNOOZE/LIGHT button and the backlight will show for 8 seconds, when operating on batteries only.

ALARM SET:

ALARM HOUR: Press and hold ALARM button to enter alarm time setting mode. The Alarm Hour will flash. Use the +/-RCC or +/-F/C button to set the Hour. Press and release the ALARM button.

ALARM MINUTE: The Alarm Minutes will flash. Use the +/-RCC or +/-F/C button to set the Minutes. Press and release the ALARM button to exit.



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Manual abstract:

For optimal reception performance, of the 433 MHz signal, the outdoor transmitter should be placed within 200 feet (60 meters) from the Indoor LCD display. The Color LCD display weather Icons will require 6 -12 hours to initialize based on outdoor weather conditions so do not consider the immediate readings as accurate. Color Wireless Atomic Weather Station Model: C86371 INTRODUCTION: The Color Wireless Atomic Weather Station offers radio-controlled time, weather forecast, indoor and outdoor temperature, humidity, heat index and dew point, on a stylish, colorful, and easy to read display.

Includes a USB charge port that charges your devices from the weather station! cOLOR WEATHER STATION: Snooze/Light button Function buttons POSITIONING THE OUTDOOR TRANSMITTER The remote temperature transmitter should be mounted vertically to avoid damage. Place both units in the desired shaded locations, and wait approximately 1-hour before permanently mounting the transmitter to ensure that there is proper reception. The outdoor temperature/humidity transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow. WALL MOUNT Choose a location for the transmitter that is within range of the Wireless Color Forecast Station and under an overhang for accuracy. Install one mounting screw (not included) into a wall leaving approximately 1/2 of an inch (12.7mm) extended. @@Gently pull the transmitter down to lock the screw into place.

@@@Place the transmitter at least 6 feet in the air to improve signal transmission. wWVB RADIO CONTROLLED TIME The NIST radio station, WWVB, is located in Ft. Collins, Colorado and transmits the exact time signal continuously throughout the United States at 60 kHz. @@@@The WWVB radio station derives its signal from the NIST Atomic Clock in Boulder, Colorado. WWVB RECEPTION ICON with full signal strength will appear on screen if the reception of atomic time is successful.

The tower icon will show solid when the display has received the WWVB signal. no tower icon displayed. The display was unable to receive a signal at this time. Reposition the display for better signal reception or try again at bedtime. The display will start searching at UTC: 07:00 and if no reception on the first attempt they will try again at 08:00, 09:00 and 10:00.

Each attempt will be at least 2 minutes and the most will be 10 minutes. If there is no signal or too much interference the receiver will only be on for 2 minutes. If the signal is good it may catch a signal in ABOUT 2-3 minutes. If the signal is marginal it will try to catch a signal for up to 10 minutes. @@@@); the time can be manually set. PROGRAM MENU: The SET button will move through the program menu. to change a value use the +/RCC or -/F/C buttons. @@@@Confirm with the SET button and move to the next item. TIME ZONE: EST will flash. @@Confirm with the SET button and move to the next item.

dAYLIGHT SAVING TIME: DST will flash and the word ON. @@Confirm with the SET button and move to the next item. Confirm with the SET button and move to the next item. hOUR: The hour will flash. @@Confirm with the SET button and move to the next item. mINUTES: The minutes will flash. Press and release the +/RCC or -/F/C button to select the correct minutes. Confirm with the SET button and move to the next item. yEAR: The year will flash. Press and release the +/RCC or -/F/C button to select the correct year.

Confirm with the SET button and move to the next item. mONTH: The month will flash. Press and release the +/RCC or -/F/C button to select the correct month. Confirm with the SET button and move to the next item. dATE: The date will flash.

Press and release the +/RCC or -/F/C button to select the correct date. Confirm with the SET button and exit the program menu CELSIUS/FAHRENHEIT: Press and release the -/C/F button once on the display, to switch from Celsius to Fahrenheit. aUTO-This word appears in the outdoor temperature/humidity area. @@Press and release the CH button repeatedly until AUTO is displayed. The Display will rotate through all available channels.

@@@@@Activates backlight when using only batteries. @@@@Do Not mix old and new batteries, use Alkaline batteries.

@@@@@The backlight will return after the 2-10 minute search. Step 3: Install batteries into the outdoor transmitter. @@ observe the correct polarity. @@@@@@LO: Press and release the LIGHT HI/LO button to dim the backlight. Press and release again to return to full strength. @@ON: Hold the HOLD ON/OFF button again until the station beeps, to turn the backlight on. Note: When the backlight is off, press any button to activate the backlight for 8 seconds. Battery power: Press and release the SNOOZE/LIGHT button and the backlight will show for 8 seconds, when operating on batteries only.

ALARM SET: ALARM HOUR: Press and hold ALARM button to enter alarm time setting mode. the Alarm Hour will flash. Use the +/RCC or -/F/C button to set the Hour. Use the +/RCC or -/F/C button to set the Minutes. press and release the ALARM button to exit. ALARM ACTIVATION: Press and release the ALARM button once to show Alarm Time. Press and release the ALARM button repeatedly to activate or deactivate the Alarm. The alarm icon appears when alarm is activated. SNOOZE: When the alarm sounds, press the SNOOZE button to trigger snooze alarm for 10 minutes. The snooze icon Zz will flash when the snooze feature is active.

To stop alarm for one day, press ALARM button, while in snooze mode. The alarm icon will remain solid. @@@@ note: This is a power output port only. The Atomic Color Forecast Station cannot be powered via this port. @@@@@@LOW BATTERY: When this icon appears in the Indoor reading section the batteries in the display need to be replaced.

When this icon appears in the outdoor readings section, replace the batteries in the outdoor transmitter. MIN/MAX TEMPERATURE/HUMIDITY DATA: This station will show the daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The station automatically resets the min/max temperatures at midnight (12:00 AM). VIEW MIN/MAX: MAX: From a normal display press and release the MIN/MAX button once to view maximum temperature and humidity values for indoor and outdoor data. MIN: From a normal display press and release the MIN/MAX button twice to view minimum temperature and humidity values for indoor or outdoor data.

@@HEAT INDEX: Heat Index combines the effects of heat and humidity. It is the apparent temperature of how hot it feels to a human being. @@ 7° C).

@@DEW POINT: Dew point is the saturation point of the air, or the temperature to which the air has to be cooled in order to create condensation. Note: Dew Point generally is lower than the temperature. View Dew Point: From a normal display press the HEAT/DEW button twice and Dew Point will show instead of the ambient temperature. @@@@@@La Crosse Technology replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd.



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