WIRELESS COLOR FORECAST STATION

Mold Risk for Forecast Station & Indoor Remote Sensor Location

FRONT VIEW

Time, Alarm + Calendar

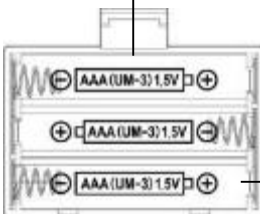**Indoor Humidity & Temperature with Trend and Alerts, Indoor Comfort Statement + Button Press for Mold Risk Indicator**

Remote Humidity & Temperature with Trend and Alerts (up to 3 channels), Remote Comfort Statement + Button Press for Mold Risk Indicator
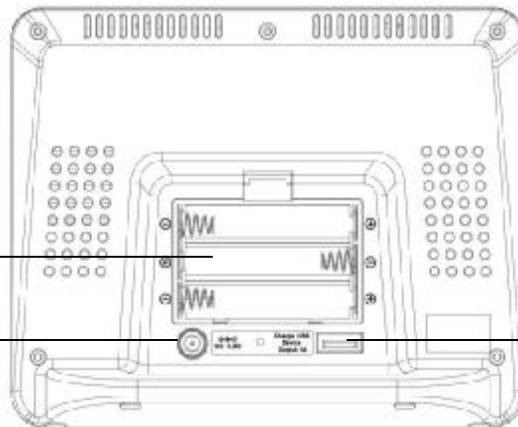
SNOOZE	STATION	MIN/MAX	CHANNEL	SENSOR	TEMP / HUMIDITY	TIME
LIGHT	SETTINGS	—	+	INFO	ALERTS	ALARM

Color Animated Forecast with Tendency

BUTTONS

SNOOZE	STATION	MIN/MAX	CHANNEL	SENSOR	TEMP / HUMIDITY	TIME
LIGHT	SETTINGS	—	+	INFO	ALERTS	ALARM

Battery Compartment 3 "AAA"

BACK VIEW

AAA (UM-3) 1.5V
AAA (UM-3) 1.5V
AAA (UM-3) 1.5V

AC Power Jack
HX-0501500U

DC 5.0V

USB PORT

Remote Sensor TX141TH-BCH

LED ———————————

Transmit button (TX)
Sensor Channel Selector

Sensor Battery
Compartment
2 "AA"
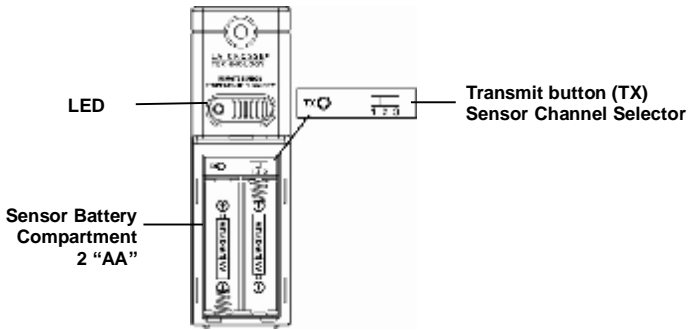
Get Started

Step 1: Insert the 5 volt AC cord (included) into the wall outlet then into the forecast station.
Step 2: Insert 3 new AAA Alkaline batteries (not included) into the forecast station. Observe the correct polarity.
Step 3: Insert 2 new AA batteries (not included) into the TX141TH-BCH remote sensor. Observe the correct polarity. The red LED will flash during transmission.

Restart: If there is no remote temperature data after 3 minutes, unplug the AC adapter and remove batteries from the forecast station & remote sensor for 15 minutes. Return to **Step 1** above.

Set Time, Date, Temperature Unit

Hold the **SETTINGS** button to enter settings mode.

STATION	MIN/MAX	CHANNEL
SETTINGS	−	+

1. Press the **+** or **-** buttons to adjust the values.
2. Press the **SETTINGS** button to confirm adjustments and move to the next item.
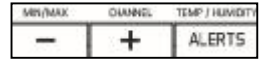
SETTINGS ORDER:
1. Beep ON/OFF
2. 12/24 hour time format
3. Hour
4. Minutes
5. Year
6. Month
7. Date (day of the week will set automatically)
8. Fahrenheit/Celsius

Press the **SETTINGS** button to exit, or wait 20 seconds without pressing buttons to return to the normal time display.

Set Indoor and Remote Temperature Alerts

1. Hold the **ALERTS** button for 3 seconds to enter alert set mode.

MIN/MAX	CHANNEL	TEMP / HUMIDITY
–	+	ALERTS

2. The temperature alert value will blink in set mode.
3. Press the **-** or **+** buttons to adjust the values.
4. Press the **ALERTS** button to confirm
5. Press the **-** or **+** buttons to arm or disarm the Alert and move to the next alert.

The alert setting order:
INDOOR HUMIDITY HI è INDOOR HUMIDITY LO è INDOOR TEMP HI è INDOOR TEMP LO è OUTDOOR HUMIDITY HI è OUTDOOR HUMIDITY LO è OUTDOOR TEMP HI è OUTDOOR TEMP LO

Note: When using multiple sensors, press the **+** button to select the channel (1, 2, or 3) before entering Alert Set Mode.

Press the **ALERTS** button to exit, or wait 20 seconds without pressing buttons to return to normal time display.

Arm/Disarm Temperature/Humidity Alerts

l   Press and release the **ALERTS** button to toggle between the alerts: INDOOR HUMIDITY (HI/LO) è OUTDOOR HUMIDITY(HI/LO) è INDOOR TEMP (HI/LO) è OUTDOOR TEMP (HI/LO)
- Press the **+** button to arm the alert.
- Press the **-** button to disarm the alert.
- The HI or LO alert icon appears when armed.
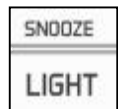
⚠ HI

⚠ LO

Active Temperature Alert

- Beeps once per minute with flashing alert icon.
- Press and release the **ALERTS** button to toggle between the alerts.
- Press the **-** button to disarm the alert.

Adjust Backlight

When using AC power:
- Must use AC power for a constant backlight.
- Press the **LIGHT** button to adjust the backlight (Bright/Dim/Turn Off) when using AC power.

SNOOZE
LIGHT

When using Battery power only:
- Press the **LIGHT** button for 10 second backlight (will not stay on).

Set Time Alarm

1. Hold the **ALARM** button to enter set mode.
2. Press the **-** or **+** buttons to adjust the values.
3. Press the **ALARM** button to confirm & move to the next item.

MIN/MAX	CHANNEL	TIME
-	**+**	ALARM

Alarm Time setting order: 1. Hours, **2.** Minutes

Activate/Deactivate Time Alarm

- Press the **ALARM** button once to view alarm time.
- Press the **ALARM** button again to activate the alarm. Once activated, the bell icon appears.
- Press the **ALARM** button again to deactivate the alarm. The bell icon will disappear.

ALARM
((🔔))

Snooze (Silences Alarm Temporarily)

- When alarm sounds, press the **LIGHT** button to silence the alarm for 10 minutes.
- The snooze icon will flash.
- In snooze mode, press any button except **ALARM** to stop alarm for one day.

ALARM
z_z 🔔 z^z

Note: The alarm is crescendo sound. The alarm sounds for two minutes and then will shut off completely.

USB Charge Port

Charge a smart phone, camera or other devices when the projection alarm is plugged into a power outlet with the included 5V AC adapter.

Note: This is a power-output charging port. It does not supply power to the projection alarm.

- Connect your external device's USB charging cable (not included) to the USB charging port.
- Charging times will vary.
- **USB Power Output**: 1A maximum current. Charge 1A devices or devices that are self-regulating.

Note: Some USB cables are for data transfer only and cannot be used for charging. Make sure that the USB cable you use will charge your device. Most USB cables included with mobile devices will work for charging.

Indoor/Remote Comfort Displays

The indoor comfort display is based off of the humidity read by the forecast station. The remote comfort display is based off the humidity read by the remote sensor(s). The forecast station will display one of five indicators:

DRY COMFORT	DRY COMFORT	OK COMFORT	WET COMFORT	WET COMFORT
1- 25%	26-39%	40-75%	76-83%	84-99%

Heat Index/Dew Point/Mold Risk

Press the **INFO** button repeatedly to toggle between:

- Heat Index (outdoor)
- Dew Point (outdoor)
- Mold Risk (indoor/outdoor)
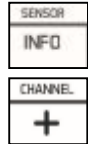
Heat Index, Dew Point and Mold Risk indicators are available for up to three remote locations (when using multiple sensors).
When using multiple sensors press the **+** button to view readings on a different channel.

0 MOLD RISK   LOW MOLD RISK   MED MOLD RISK   HI MOLD RISK

Remote Sensor Channels-Auto Scroll

- Press the **+** button to toggle between remote sensor channels when multiple sensors are used.
- The forecast station will automatically rotate through the channels for all connected sensors.

Auto Scroll Icon   CH:1   CH: 2   CH: 3

- Press and release the **+** button to lock the forecast station into one channel. Then view channels individually with a press of the **+** button.
  Note: When multiple remote sensors are used, Heat Index, Dew Point and Mold Risk will be available for each remote sensor.

View/Reset MIN/MAX Values

The station automatically resets minimum and maximum values daily at midnight (12:00 AM).

- Press and release the **-** button to view minimum and maximum values**.**
- Hold the **-** button to manually reset minimum and maximum values**.**

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Animated Color Forecast Icons

Animated forecast icons use changing atmospheric pressure to predict weather conditions for the next 12-hours with 70-75% accuracy.

Note: Snowy icon will appear in place of rainy and stormy icons when the outdoor temperature (Channel 1) is below 32°F.

INTELLIGENT WEATHER FORECAST
This station learns. Please allow 3 to 4 weeks for barometric calibration. This will ensure an accurate personal forecast for your location.

Forecast Tendency Indicators (Up, Right and Down Arrows)

TENDENCY **Rising Pressure.** Weather is Expected to Improve.	TENDENCY **Steady Pressure.** Weather is Expected to Stay the Same.	TENDENCY **Falling Pressure.** Weather is Expected to Worsen.

Temperature/Humidity Trend Indicators

The temperature (2°F / 1°C) and humidity (3% RH) trend indicators update every 30 minutes or less.

• Temperature has **risen** in the past 3 hours. • Humidity has **risen** in the past 3 hours.	RISING TREND
• Temperature has **not changed** in the past 3 hours. • Humidity has **not changed** in the past 3 hours.	STEADY TREND
• Temperature has **fallen** in the past 3 hours. • Humidity has **fallen** in the past 3 hours.	FALLING TREND

Search for Remote Sensor

|	
• Hold the **INFO** button to search for the remote sensor. • The strength signal icon will animate until the sensor signal is received or for 3 minutes if no signal available.	SENSOR INFO

Setup with Multiple Remote Sensors

The forecast station will accommodate up to three remote outdoor sensors (TX141TH-BCH or TX141TH-ACH).

Press the **+** button to easily see the temperature in various locations: outdoors, baby's room, greenhouse, basement, etc. Monitor remote temperature in up to 3 locations within a 300 ft. wireless range of the forecast station.

To connect multiple remote sensors to the forecast station:
1. Remove the battery cover from all the sensors (Leave battery covers off until all sensors are received by the forecast station).
2. Set the **first** remote sensor to Channel 1 and insert 2 AA batteries.
3. Set the **second** remote sensor to Channel 2 and insert 2 AA batteries.
4. Set the **third** remote sensor to Channel 3 and insert 2 AA batteries.
5. Press and hold the **INFO** button on the forecast station for 5 seconds. The forecast station will search for all remote sensors.
6. Press the TX button on each remote sensor to transmit RF signal.
7. When RF connection is established, the temperature & humidity for each of the selected channels will appear on the main unit.
8. Allow the sensors and the forecast station to stay 5-10 feet apart for 15 minutes to establish a solid connection.
9. Install the battery covers on each sensor.
10. After 15 minutes place the remote sensors in appropriate locations.

Press and release the **+** button to view channels 1, 2 or 3 on the forecast station when multiple sensors are used.

Note: If only one sensor is connected the other channels will show dashes for temperature and humidity.

Low Battery Icon

Low battery icon indicates low battery for station or sensor.
- If the icon is displayed in Remote Temperature section, replace batteries in the remote sensor.
- If the icon is displayed in Indoor Temperature section, replace batteries in the Forecast station.

Low Battery Icon

Remote Sensor Use and Positioning

Outdoor use: Mount the remote sensor on a north-facing wall or in any well shaded area. Under an eave or deck rail is preferred.

Indoor use: Mount the remote sensor indoors to monitor high mold risk areas like in a crawl space, attic or a basement.
- The maximum wireless transmission range to the forecast station is over 300 feet (91 meters) in open air, not including walls or floors.
- Be sure the remote sensor is mounted vertically.

Forecast station Care & Maintenance

- **Do not mix old and new batteries**
- **Do not mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Always purchase the correct size and grade of battery most suitable for the intended use.
- Replace all batteries of a set at the same time.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed with correct polarity (+and -).
- Remove batteries from equipment with is not to be used for an extended period of time.
- Remove expired batteries promptly.
- Do not expose to extreme temperature, vibration or shock.
- Clean with a soft damp cloth. Do not use solvents or scouring agents.
- The product is not a toy. Keep it out of reach of children.
- The specs of this product may change without prior notice.
- Improper use or unauthorized opening of housing voids warranty.
- If the product is not working properly, change the batteries and/or check the AC cord connection.

Warranty and Support Information

La Crosse Technology, Ltd. provides a 1-year limited time warranty (from date of purchase) on this product relating to manufacturing defects in materials & workmanship.

Before returning a product, please contact our friendly customer support with questions or visit our online help (manuals and FAQS):

Phone: 1-608-782-1610
Online Product Support: www.lacrossetechnology.com/support

Product Registration:
www.lacrossetechnology.com/support/register

View full warranty details online at:
www.lacrossetechnology.com/warranty_info.pdf

Warranty Address:

La Crosse Technology, Ltd
2830 S. 26th St.
La Crosse, WI 54601

Protected under U.S. Patents:
5,978,738 | 6,076,044 | RE43903

Specifications	
Indoor:	
Temperature Range:	+32°F to +122°F (0°C to 50°C)
Humidity Range:	1%-99% (RH)
Interval:	About every 30 seconds
Outdoor:	
Temperature Range:	-40°F to 140°F (-40°C to 60°C)
Humidity Range:	1%-99% (RH)
Distance:	Over 300 ft. (91 meters) RF 433MHz (open air)
Power:	
Forecast station Primary AC Power:	5-volt AC 0.6A power adapter (included)
AC Adapter No.:	HX-0501500U
Optional/Battery	Optional 3-AAA, IEC, LR3 batteries (not included)
TX141TH-BCH Remote Sensor:	2-AA, IEC, LR6 batteries (not included)
Battery Life:	
Forecast station Battery Backup:	Battery life is over 12 months when using the AC adapter for primary power
TX141TH-BCH Remote Sensor:	Battery life is over 24 months when using reputable battery brands.
Dimensions:	
Forecast station:	5.91" L x 1.66" W x 4.84" H (150.1 x 42.2 x 122.9 mm)
TX141TH-BCH Remote Sensor:	1.57"L x 0.79"W x 5.12"H (40 x 20 x 130mm)

FCC Statement

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.

This device must not be co-located or operating in conjunction with any other antenna or transmitter. **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!
The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

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This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage;
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.