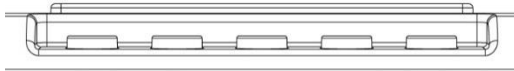


**Atomic Projection Alarm
with Indoor and Outdoor Temperature**

Snooze/Backlight

BUTTONS

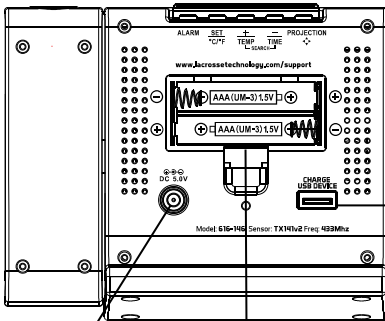
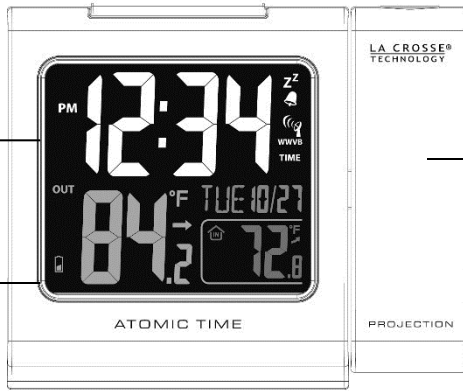


ALARM SET + - PROJECTION
 °C/°F TEMP TIME ↕
 [SEARCH]

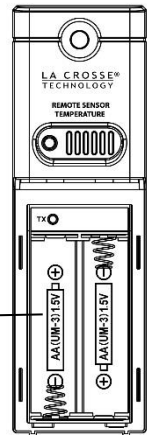
Time, Alarm
with Snooze,
& Calendar

Projection
Arm
Rotates 180°

Indoor/Outdoor
Temperature +
Trends



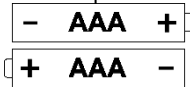
TX141v2
Outdoor
Sensor



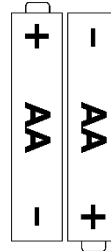
USB Charge
Port, 1 Amp

2 "AA"
Batteries

5 Volt
Adapter
DC 5.0V



2 "AAA"
Batteries



GET STARTED

Step 1: Insert the included 5-volt AC power adapter into projection Alarm and then into wall outlet.

Step 2: Insert 2 new “AAA” batteries (not included) into the projection alarm. Observe the correct polarity.

Step 3: Insert 2 new “AA” batteries (not included) into the TX141v2 sensor. Observe the correct polarity. The red LED will flash when transmitting.

Step 4: After 5 minutes place the sensor outside in a shaded location.

Note: If the outdoor temperature is not displayed after 3 minutes, hold the **+/TEMP** button to search for outdoor sensor. Then, press the TX button on the sensor to send signal.

SET TIME AND DATE

1. Hold the **SET/°F/°C** button to enter time set mode.
2. Use the **+/TEMP** or **-/TIME** buttons to adjust values. Press and hold for fast adjustment.
3. Press the **SET/°F/°C** button to confirm adjustments and move to the next item.

Time and Date setting order:

1. WWVB(ON/OFF)
2. Time Zone
3. DST Daylight Saving Time (ON/OFF)
4. 12/24 Hour Time Format
5. Hour
6. Minutes
7. Year
8. Month
9. Date

TIME ZONE	
AST	Atlantic
EST	Eastern
CST	Central
MST	Mountain
PST	Pacific
AKT	Alaska
HAT	Hawaiian

Note: Day of the week sets automatically.

Press the **SET/°F/°C** button to exit, or wait 20 seconds without pressing buttons to return to the normal time display.

FAHRENHEIT/CELSIUS

Press the **SET/°F/°C** button to select Fahrenheit or Celsius temperature display.

SET
°C/°F

SET TIME ALARM

1. Hold the **ALARM** button to enter alarm time set mode.
2. Use the **+/TEMP** or **-/TIME** buttons to adjust values.
3. Press the **ALARM** button to confirm adjustments and move to the next item.

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.
Bell icon appears.
- Press the **ALARM** button again to deactivate the alarm.
The bell icon disappears.



Alarm
Bell Icon

SNOOZE (Silences alarm temporarily)

- Press the **SNOOZE/LIGHT** button to silence alarm for 9 minutes.
- **Zz** will show.
- When in snooze mode, press **ALARM** to stop alarm for one day.

Note: The alarm is crescendo sound. The alarm will sound for 2 minutes and then shut off completely.

BACKLIGHT AND PROJECTION INTENSITY

Press and release the **SNOOZE/LIGHT** button to adjust the brightness of the backlight and projection image (together):

- High
- Low
- OFF

Note: When the Adapter is NOT in use, the High/Low/On/Off features are not available.

PROJECTION (On/Off, rotate, projection mode)

Battery Power: Press and release the **SNOOZE/LIGHT** button to show the projection for 10 seconds.

A/C Power: Projection is displayed constantly unless turned off.

Note: Projection will not display constantly when operating on battery power.

Rotate Projection:

- Press the **PROJECTION** button to rotate the projection image 90 degrees.
- Press the **PROJECTION** button again to rotate another 90 degrees.

Change Projection Modes: Hold, then release the **PROJECTION** button to switch projection modes. Watch the projection image to view the changes.

- Time and Outdoor Temperature: alternate every 5 seconds (default)
- Time only
- Outdoor Temperature only

USB CHARGE PORT

Charge a smart phone, camera or other devices when the forecast station 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 clock.

- 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.

MANUAL WWVB RADIO-CONTROLLED TIME SEARCH

- Press the **-/TIME** button to start or stop a manual signal search. WWVB Icon will flash

For information about WWVB visit:
www.nist.gov/pml/div688/grp40/wwvb.cfm



LOW BATTERY ICON

- If the icon is displayed in Outdoor Temperature section, replace batteries in the outdoor sensor.
- If the icon is displayed in Indoor Temperature section, replace batteries in the projection clock.



TEMPERATURE TREND INDICATORS

The temperature (2°F/1°C) trend indicators update every 30 minutes or less.

- Temperature has **risen** in the past 3 hours.



- Temperature has **not changed** in the past 3 hours.



- Temperature has **fallen** in the past 3 hours.



SEARCH FOR OUTDOOR SENSOR

- Hold the **+/TEMP** button for 3 seconds to search for the outdoor sensor .

CARE AND 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 correctly with regard to polarity (+and -).
- Remove batteries from equipment with is not to be used for an extended period of time.
- Remove expired batteries promptly.

RESTART

If the outdoor temperature displays dashes:

- Remove the AC adapter and remove batteries from the projection alarm & sensor.
- Press a button 20 times.
- After 15 minutes, return to **Step 1** under Get Started.

POSITION OUTDOOR SENSOR

- Mount the outdoor sensor on a North-facing wall or in any well shaded area. Under an eave or deck rail is preferred.

- The maximum transmitting range to the atomic projection alarm is over 300-feet (91 meters) in open air, not including walls.

POSITION PROJECTION ALARM

- The projection alarm has a wide base to sit on a desk or table.
- Choose a location 6 feet or more from electronics such as cordless phones, wireless gaming systems, televisions, microwaves, routers, baby monitors, etc., which can prevent signal reception.
- Position near an exterior wall that faces Ft. Collins Colorado for WWVB time signal reception.
- Place within 300 ft. (91 meters) of the outdoor sensor.
- Obstacles such as walls, windows, stucco, concrete and large metal objects can reduce the range.
- Be aware of electrical wires and plumbing within a wall. This will interfere with RF (radio frequency) signal reception.

WARRANTY AND SUPPORT

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.

View full warranty details online at:

www.lacrosstechnology.com/warranty_info.pdf

Before returning a product, please contact our friendly customer support with questions or visit our online help:

La Crosse Technology, Ltd
2830 South 26th St
La Crosse, WI 54601

Contact Support:

1-608-782-1610

Online Product Support:

www.lacrosstechnology.com/support

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

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)

Interval: About every 30 seconds

Outdoor:

Temperature Range: -40°F to 140°F (-40°C to 60°C)

Alkaline Batteries: -20°F to 140°F (-28.8°C to 60°C)

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

NOTE:

Temperatures below - 20°F (-28.8°C) require Lithium batteries in the outdoor sensor.

Distance: Over 300 ft. (91 meters)
RF 433MHz (open air)

Interval: About every 30 seconds

USB Charging Port

USB Output: 1 Amp maximum current

Power:

Projection Alarm

Primary Power:
AC6: HX09-0501500-AU 5-volt AC power adapter (included)

Optional/Battery Backup Optional 2-AAA, IEC, LR3 batteries (not included)

TX141v2 Sensor : 2-AA, IEC, LR6 batteries (not included)

Battery Life:

Projection Alarm Battery Backup: Battery life is over 24 months when using the AC adapter for primary power

TX141v2 Sensor : Battery life is over 24 months when using reputable battery brands for both Alkaline and Lithium batteries

Dimensions:

Projection Alarm: 5.23" L x 1.96" W x 4.33" H
(133 x 50 x 110 mm)

TX141v2 Sensor : 1.57" x 0.79" x 5.12"
(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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All trademarks and patents are recognized.

CANADA STATEMENT

This device complies with Industry Canada's license-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.