LA CROSSE®
TECHNOLOGY

Atomic Projection Alarm Clock

Time, Alarm with Snooz**e**

Indoor Temperature + Trends

Projection Arm Rotates 180°

Moon Phase + Calendar

SNOOZE/LIGHT (HI-LOW-OFF)

ALARM   SET   +   −   PROJECTION
         °F/°C   PROJ   TIME   ◄►
               ON/OFF   SEARCH

− AAA +
+ AAA −

Power Adapter

DC 5.0V

Charge USB Device

USB Charge Port 1A
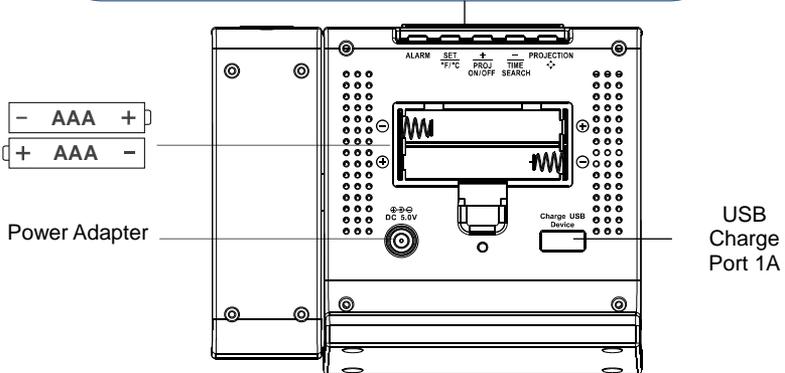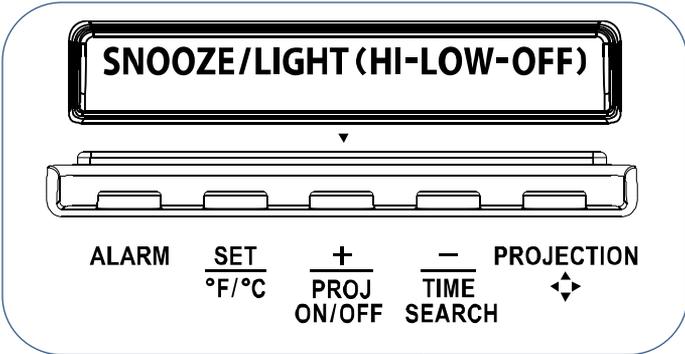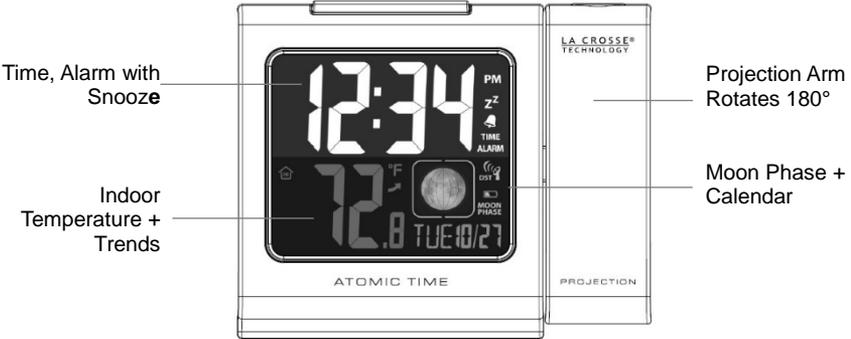
GET STARTED

1. Insert the 5.0 volt power cable into the wall outlet, then into the back of the clock.
2. (Optional), Insert 2 AAA batteries (not included) into the back of the projection clock. Observe the correct polarity (+ or -).
3. Set time, date, etc.

SET TIME AND DATE

1. Hold the **SET/°F/°C** button 3 seconds to enter time set mode.
2. Press and release the **+/PROJ or -/TIME** buttons to adjust values. Hold for fast adjustment.
3. Press and release the **SET/°F/°C** button to confirm 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

Note: Day of the week sets automatically.

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

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

SET TIME ALARM

1. Hold the **ALARM** button 3 seconds to enter alarm time set mode.
2. Press and release the **+/PROJ or -/TIME** buttons to adjust values.
3. Press and release 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 and release the **ALARM** button once to view alarm time.
- Press and release the **ALARM** button again to activate the alarm. Bell icon appears.
- Press and release the **ALARM** button again to deactivate the alarm. The bell icon disappears.

Alarm Bell Icon

SNOOZE (Silences alarm temporarily)

- Press and release 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.
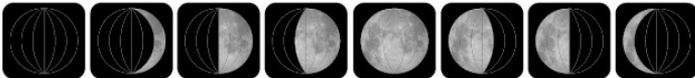
USB CHARGE PORT

Charge a smart phone, camera or other devices when the forecast station is plugged into a power outlet with the included power adapter.

NOTE: This is a power-output charging port. It does not supply power to the forecast station.

- 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.

MOON PHASE

The moon phase is based on the year, month and date set (manually or by the WWVB signal). These are the moon phases.

BACKLIGHT AND PROJECTION INTENSITY (TOGETHER)

Press and release the **SNOOZE/LIGHT** button to adjust the brightness of the backlight and projection image (together):
- ON High intensity
- ON Low intensity
- 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.
Note: Using Battery power, the projection and backlight will come on for 10 seconds when **SNOOZE/LIGHT** is pressed. Projection will not display constantly when operating on battery power.

A/C Power Projection ON/OFF: Projection is displayed constantly unless turned off.
- Hold the **+/PROJ** button for 3 seconds to turn off the projection.
- Press and release the **+/PROJ** button to turn on the projection.

Rotate Projection:
- Press and release the **PROJECTION** button to rotate the projection image 90 degrees.
- Press and release 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 Indoor Temperature: alternate every 5 seconds (default)
- Time
- Indoor Temperature

MANUAL WWVB RADIO-CONTROLLED TIME SEARCH

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

For information about WWVB visit:
http://bit.ly/AtomicTime

WWVB Icon

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

LOW BATTERY ICON

If the icon is displayed in Indoor Temperature section, replace batteries in the projection clock.

Low Battery Icon

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.

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 suitable for 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 when it is not to be used for an extended time.
- Promptly remove expired batteries.

SPECIFICATIONS

SPECIFICATIONS	
Indoor:	
Temperature Range:	+32°F to +122°F (0°C to 50°C)
Interval:	About every 30 seconds
USB Charging Port	
USB Output:	1 Amp maximum current
Power:	
Primary Power: AC: HX09-0501500-AU	5-volt AC power adapter (included)
Optional/Battery Backup	Optional 2-AAA, IEC, LR3 batteries (not included)
Battery Life:	
Projection Alarm Battery Backup:	Battery life is over 24 months when using the AC adapter for primary power
Dimensions:	
Projection Alarm:	5.23" L x 1.96" W x 4.33" H (133 x 50 x 110 mm)

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.

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

Phone: 1-608-782-1610   **Online:** http://www.lacrossetechnology.com/support/

View full warranty details online at:

http://www.lacrossetechnology.com/support/?type=warranty

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 changes or modifications to this equipment. Such changes or modifications could void the user authority to operate the equipment.

This booklet may contain errors or misprints. The information it contains is regularly checked and corrections are included in subsequent editions. We disclaim any responsibility for any technical error or printing error, or their consequences. All trademarks and patents are recognized.

CANADA STATEMENT

This device complies with CNR Industry Canada license -exempt devices.
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.