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LA CROSSE TECHNOLOGY 616-1410v2 Atomic Projection Alarm Clock with Temperature User Manual

Contents

LA CROSSE®

LA CROSSE TECHNOLOGY 616-1410v2 Atomic Projection Alarm Clock with Temperature

Specifications

- **Model:** 616-1410v2 / 616-12667v2
- **Power Source:** 2-AA batteries (Outdoor Sensor), 5V power cord (Projection Clock), 3-AAA batteries (optional backup)
- **Projection Brightness Levels:** High, Low, Off
- **Rotation:** 270 degrees

Power Up

1. Insert 2-AA batteries into the Outdoor Sensor.
2. Connect the 5V power cord to an outlet and the ProjectionClock. Optionally, insert 3-AAA batteries for backup.
3. Set the time, date, etc. on the Projection Clock.
4. Place the sensor outside in a shaded location once it is synchronized with the clock.

Settings Menu

1. Hold the SET button to enter the Settings Menu.
2. Use the +/- buttons to adjust values.
3. Press SET to confirm values.
4. Press SNOOZE/LIGHT to save and exit.

Backlight
Adjust the backlight intensity by pressing the SNOOZE/LIGHT button. There are 4 levels of brightness and an off option.

Auto Dim

1. Hold the SNOOZE/LIGHT button to access Auto-Dim Settings.
2. Use the +/- buttons to toggle Auto-Dim on/off and set start and stop hours.

3. The Auto-Dim icon will appear on the LCD when activated.

Custom Display
Press the CALENDAR button to switch between display options: full weekday, abbreviated weekday with date, or alarm time.

Projection Image

- **Brightness:** Press the button to adjust brightness (High, Low, Off).
- **Rotation:** Use the Rotation Wheel to change projection orientation by 270 degrees.
- **Tilt:** Adjust projection arm forward/backward for image location adjustment on wall/ceiling.

Time Alarm

1. To set alarm, hold ALARM button and use +/- buttons to adjust values. Press ALARM to confirm.
2. To activate/deactivate alarm, press ALARM button. Alarm icon indicates active alarm.

Temperature Trend Arrows
Trend arrows indicate temperature changes over the past hour: risen, steady, fallen.

Frequently Asked Questions (FAQ)

1. **Q: How do I change the projection brightness?**

   A: Press the button on the Projection Clock to cycle through brightness levels – High, Low, or Off.
2. **Q: Can I set a custom display on the clock?**

   A: Yes, press the CALENDAR button to choose between different display options like full weekday, abbreviated weekday with date, or alarm time.
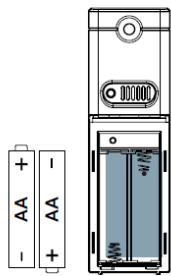
Atomic Projection Clock
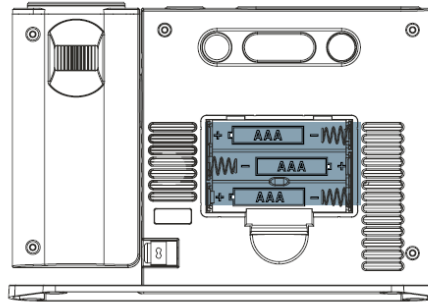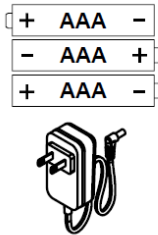with Indoor/Outdoor Temperature

SET UP GUIDE

MODEL: 616-1410v2 / 616-12667v2

Power Up

1. Insert 2-AA batteries into your Outdoor Sensor.
2. Insert the 5 volt power cord into an outlet, then into your Projection Clock. Optional: Insert 3-AAA batteries for backup.
3. Set time, date, etc.
4. Once the sensor is reading to your clock, place the sensor outside in a shaded location. View our sensor mounting video here: **bit.ly/th_sensor_mounting**

TX141-B
(all versions)
Outdoor Sensor

616-1410v2 / 616-12667v2
Projection Clock

+ AAA −
− AAA +
+ AAA −

Atomic Time

- The clock will search for the Atomic Time Signal at power up and at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- The Atomic Time Signal Icon will flash while searching and be solid when it has connected.
- From the normal time display, press the SET button to manually start or stop a search for the WWVB time signal. For information about WWVB **visit: bit.ly/AtomicTime**

Note: The Backlight will be off temporarily while searching for the WWVB time signal.

Settings Menu
IMPORTANT: Only press or hold one button at a time.

1. Hold the SET button until the display changes to enter the Settings Menu.
2. Press and release the +/- buttons to adjust values.
3. Press and release SET to confirm values.
4. Press and release the SNOOZE/LIGHT button at any time to save and exit.

Settings Menu Order

- Language (English, Spanish, French, German)
  Beep ON/OFF
- Atomic ON/OFF

DST Settings

DST AUTO ON (Changes Spring and Fall)
DST ALWAYS OFF (No change in Spring)
DST ALWAYS ON (No change in Fall)

- Time Zone
- 12/24 Format
- Hour
- Minutes
- Year
- Month
- Date
- Month/Date or Date/Month

- *Fahrenheit/Celsius*

TIME ZONE
ATLANTIC
EASTERN
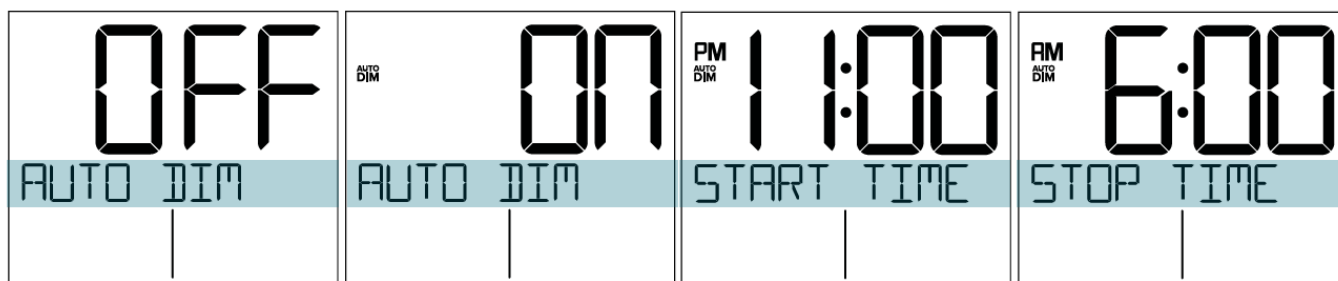CENTRAL
MOUNTAIN
PACIFIC
ALASKA
HAWAII

Backlight
Press the SNOOZE/LIGHT button to adjust the backlight to adjust the backlight intensity. There are 4 levels, plus an off option.

Auto Dim
Program your display to automatically dim during preselected times.
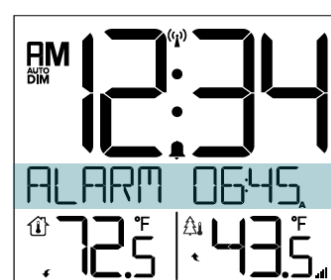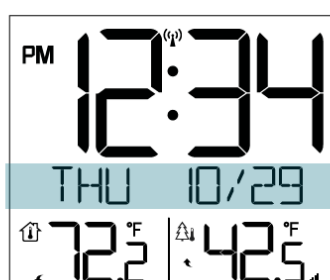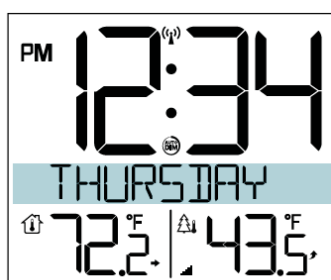
1. Hold the SNOOZE/LIGHT button to enter the Auto-Dim Settings Menu.

2. Press the +/- buttons to turn the Auto-Dim feature on or off. Press SNOOZE/LIGHT to confirm.

3. Press the +/- buttons to adjust the starting hour. Press SNOOZE/LIGHT to confirm.

4. Press the +/- buttons to adjust the stopping hour. Press SNOOZE/LIGHT to confirm and exit.

The **AUTO DIM** icon will appear on the LCD when the Auto-Dim feature activated.

Custom Display
Press the CALENDAR button to change the middle section of your display. Choose between full weekday, abbreviated weekday with date, or alarm time.
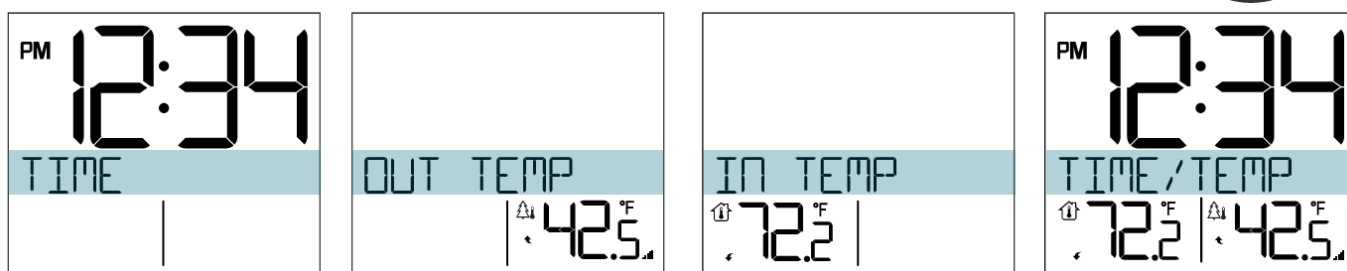
Projection Image

1. Hold 🔆 the button to enter the Projection Settings

2. Use the +/- buttons to change projection selection.
3. Projection image will stay on last option selected.

```
12:34
```

```
72.2 ⌂ °F
```

```
43.5 🌲 °F
```

Projection Options

- Time only
- Indoor Temp only
- Outdoor Temp only
- Alternate Time + Indoor Temp + Outdoor Temp

```
PM 12:34
TIME
```

```
OUT TEMP
     🌲42.5 °F
```

```
IN TEMP
⌂72.2 °F
```

```
PM 12:34
TIME/TEMP
⌂72.2 °F  🌲42.5 °F
```

Projection Brightness & Rotation

Brightness

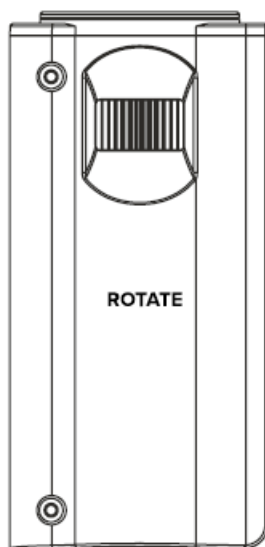Press ⬓ the button to change the Projection Brightness (High, Low, or Off).

Rotation
Use the Rotation Wheel on the back of the projection arm to change the projection orientation 270 degrees.

Tilt The Projection Arm
The Projection Arm can tilt forward and backward to adjust the location of the projection image on a wall or ceiling.

Time Alarm

Set Alarm

1. Hold the ALARM button to enter the Alarm Settings Menu.
2. Use the +/- buttons to adjust the flashing values.
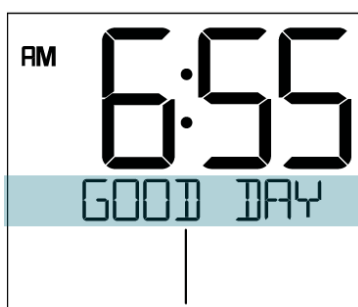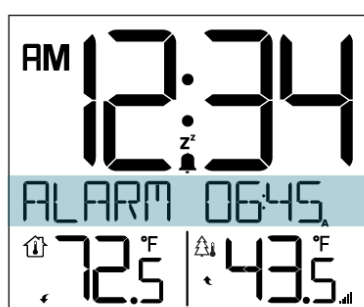3. Press the ALARM button to confirm and move forward.

Note: The alarm will activate after being set, indicated by the Alarm Icon ![bell]. The Alarm Time will also remain on screen until the CALENDAR button is used to switch back to a calendar display.

Activate/Deactivate Alarm:

Press the ALARM button to activate or deactivate the alarm and view your alarm time. The Alarm Icon ![bell] will show only when alarm is active.

Snooze

- When alarm sounds, press the SNOOZE button to silence alarm for 10 minutes. The Snooze Icon Zz will flash.
- Press any button except SNOOZE to silence the alarm for 24 hours.
- When alarm ends by button press or time out after 2 minutes, GOOD DAY will show briefly then return to normal time display.

Temperature Trend Arrows

Both the Indoor and Outdoor temperature have Trend Arrows to indicate temperature changes (2°F / 1°C) over the past one hour period.
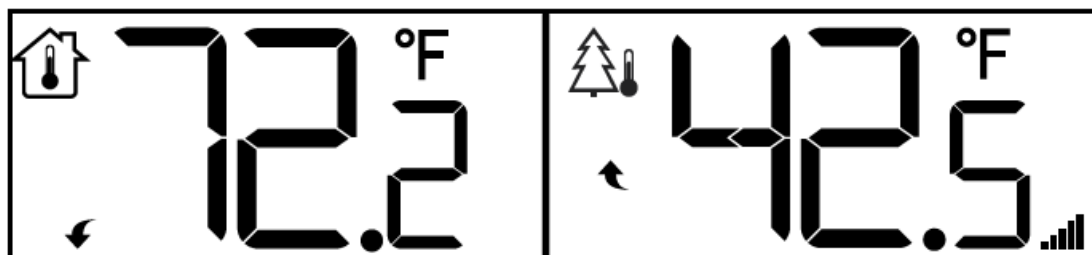
Temperature has risen over the past one hour.

Temperature has been steady over the past one hour.
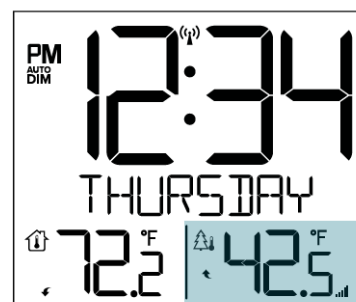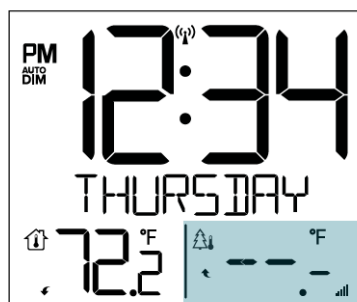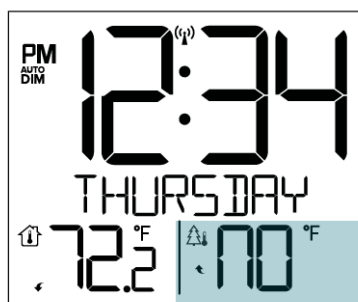
Temperature has fallen over the past one hour.

Outdoor Temperature

If you are seeing NO or dashes for your outdoor readings, please try the following steps:

1. Hold the + button to search for your outdoor sensor. The Reception Indicator will begin to animate.
2. If after 3 minutes the sensor still isn't connected, bring the sensor inside next to the display and remove power from both the sensor and clock.
3. Press any button on the clock 20 times and leave the parts sit for a few moments with the power off.
4. Install a new set of alkaline batteries into the sensor, then into your clock.

   For additional help visit: bit.ly/basic_restart
5. If your outdoor data is still not appearing after these steps, please contact our support staff via the links below

Low Battery

- By the Indoor Temp, replace clock batteries.
- By the Outdoor Temperature, replace sensor batteries.

We're Here to Help
If you require additional assistance, get in touch with our friendly customer support team based in La Crosse, WI.

- Self Help: **bit.ly/616-1410v2_support**
- Online: **bit.ly/contact_techsupport**
- Phone: 1.608.782.1610

SCAN HERE
Additional Info
and Support ∨

Our knowledgable customer support team is available: Mon-Fri 8am-6pm CST
Stay in Touch!

Ask questions, watch setup videos, and provide feedback on our social media outlets. Follow La Crosse Technology on YouTube, Twitter, Facebook and Instagram.

CA WARNING
This product can expose you to chemicals including acrylonitrile, butadiene, and styrene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to:
www.P65Warnings.ca.gov
Designed in La Crosse, Wisconsin
Made in China
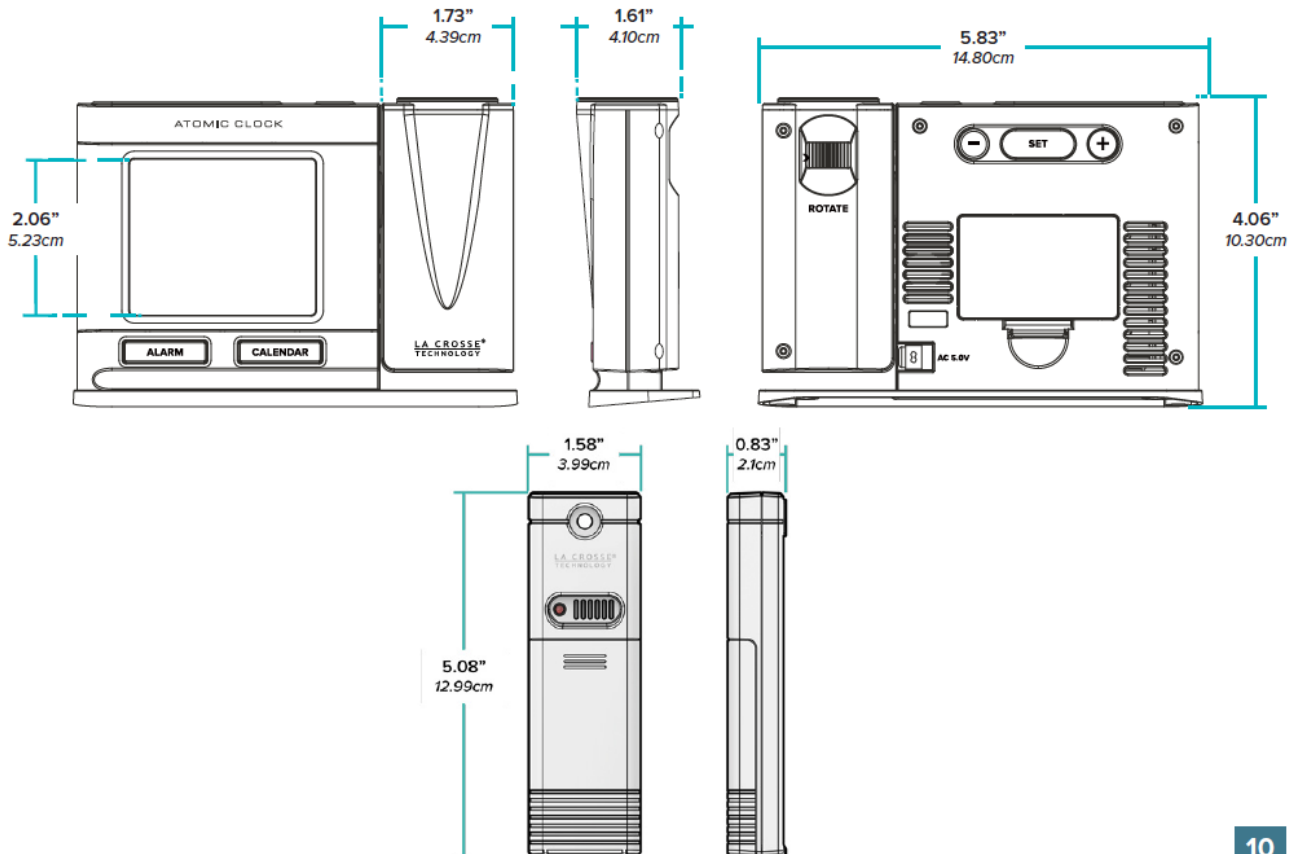Printed in China
DC 021523

Specifications

Projection Clock (616-1410v2/616-12667v2)

- Temperature Range: 32°F to 99°F (0°C to 37°C)
- Power Requirements: 5 volt Power cord AC6: GPU280500150WAOO
- Optional: 3-AAA LR3, IEC, batteries for backup (not included)

Outdoor Sensor (TX141-B (all versions))

- Temperature Range: -40°F to 140°F (-40°C to 60°C)
- Transmission Range: Over 330 ft. open air (100 meters) RF 433MHz
- Update Interval: About every 51 seconds
- Power: 2-AA, IEC, LR6 batteries (not included)
- Battery Life: Over 12 months

The plug on the power adapter is intended to serve as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.

Warranty & Patents

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

- **For Full Warranty Details, Visit: www.lacrossetechnology.com/pages/warranty**
- **Patents www.lacrossetechnology.com/pages/patents**

Care & Maintenance

Battery Replacement Instructions
When batteries of different brand or type are used together, or new and old batteries are used together, some batteries may be over-discharged due to a difference of voltage or capacity. This can result in venting, leakage, and rupture and may cause personal injury.

- Always purchase the correct size and grade of battery most suitable for the intended use.
- Always replace the whole set of batteries at one time, taking care not to mix old and new ones, or batteries of different types.
- 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 product during periods of non-use. Battery leakage can cause corrosion and damage to this product.
- Remove used batteries promptly.
- For recycling and disposal of batteries, and to protect the environment, please check the internet or your local phone directory for local recycling centers and/or follow local government regulations.

FCC Statment

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 complies with Part 15 of the FCC Rules. 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!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

DOUBLE YOUR WARRANTY

Scan Here

Scan the QR Code or visit: **bit.ly/616-1410v2_register** to register your product and double the standard 1-year warranty for free by opting to recieve occasional product emails.

Documents / Resources

LA CROSSE TECHNOLOGY 616-1410v2 Atomic Projection Alarm Clock with Temperature
[pdf] User Manual
616-1410v2 Atomic Projection Alarm Clock with Temperature, 616-1410v2, Atomic Projection Alarm Clock with Temperature, Projection Alarm Clock with Temperature, Alarm Clock with Temperature, Temperature

References

- **616-1410V2 – La Crosse Technology**
- **616-1410V2 – La Crosse Technology**
- **Radio Station WWVB | NIST**
- **bit.ly/LaxTech__Twitter**
- **La Crosse Technology (@lacrossetechnology) • Instagram photos and videos**
- **YouTube**
- **YouTube**
- **Patents – La Crosse Technology**
- **Warranty – La Crosse Technology**
- **P65Warnings.ca.gov**
- **616-1410V2 – La Crosse Technology**
- **616-1410V2 – La Crosse Technology**
- **User Manual**