

**LA CROSSE®**  
**TECHNOLOGY**

# **TWO-TONE ATOMIC DIGITAL CLOCK**

WITH INDOOR/OUTDOOR TEMPERATURE  
INSTRUCTION MANUAL



MODEL: BBB82684

DC: 083018

FIND MANUALS, FAQs, AND MORE UNDER  
THE SUPPORT TAB HERE: [bit.ly/bbb82684](http://bit.ly/bbb82684)

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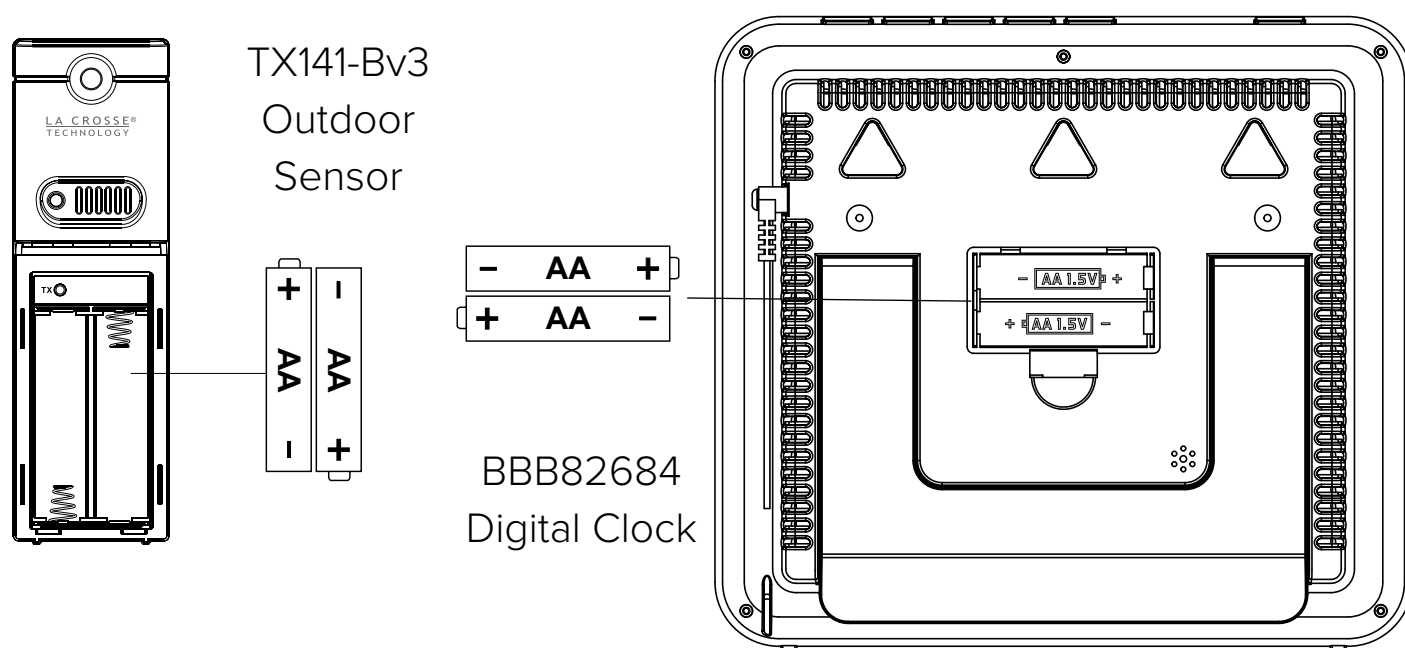
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## POWER UP

1. Insert 2-AA batteries into your Outdoor Sensor.
2. Insert 2-AA batteries into your Digital Clock.
3. Set time, date, etc.
4. Once the sensor is reading to your clock, place sensor outside in a shaded location.

Watch sensor mounting video: [bit.ly/TH\\_SensorMounting](https://bit.ly/TH_SensorMounting)



## WWVB ATOMIC TIME SIGNAL

- From normal time display, press and release the SET button to search for the WWVB time signal.
- Your clock will search for the atomic signal at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- The atomic time signal icon will flash while searching. The tower icon (📶) will be solid when it has connected.
- If there is no WWVB reception, the station will search for the atomic time signal every 2 hours until the WWVB time is received.

# SETTINGS MENU

1. Hold the SET button 3 seconds to enter settings mode.
2. Press the + or - button to adjust the flashing values.
3. Hold the + or - buttons to adjust quickly.
4. Press the SET button to confirm adjustments and move to the next item.
5. Press the SNOOZE button at any time to exit.

## Settings order:

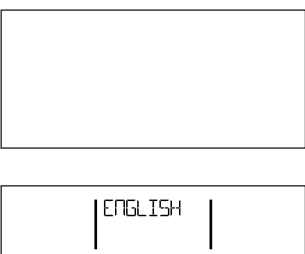
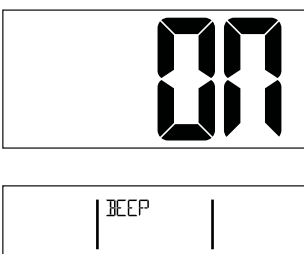
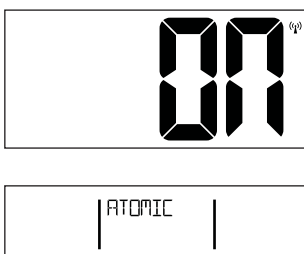
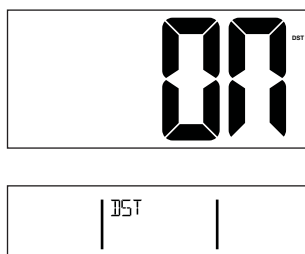

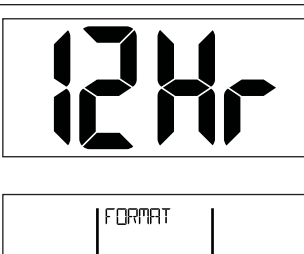
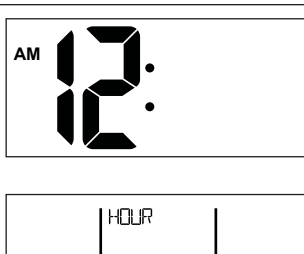
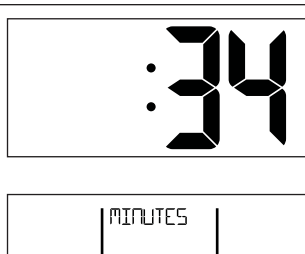
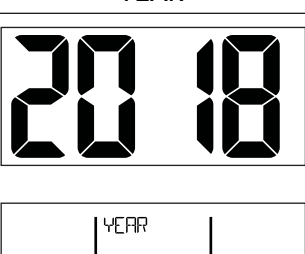
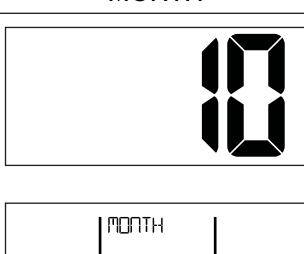
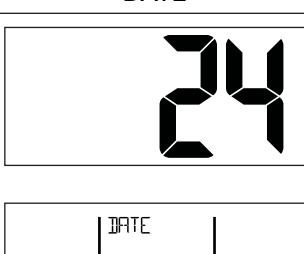
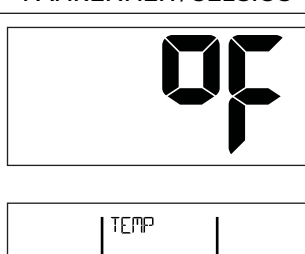
- Language (English, Español, Français)
- Beep ON/OFF
- Atomic ON/OFF
- DST ON/OFF
- Time Zone
- 12/24 Hour Format
- Hour
- Minutes
- Year
- Month
- Date
- Temperature Fahrenheit/Celsius

## 7 Time Zones:

ATLANTIC  
EASTERN  
CENTRAL  
MOUNTAIN  
PACIFIC  
ALASKA  
HAWAII

**Note:** When Español or Français are selected, the instructions will be in the selected language.

**Note:** Weekday sets automatically when Year, Month and Date are set.

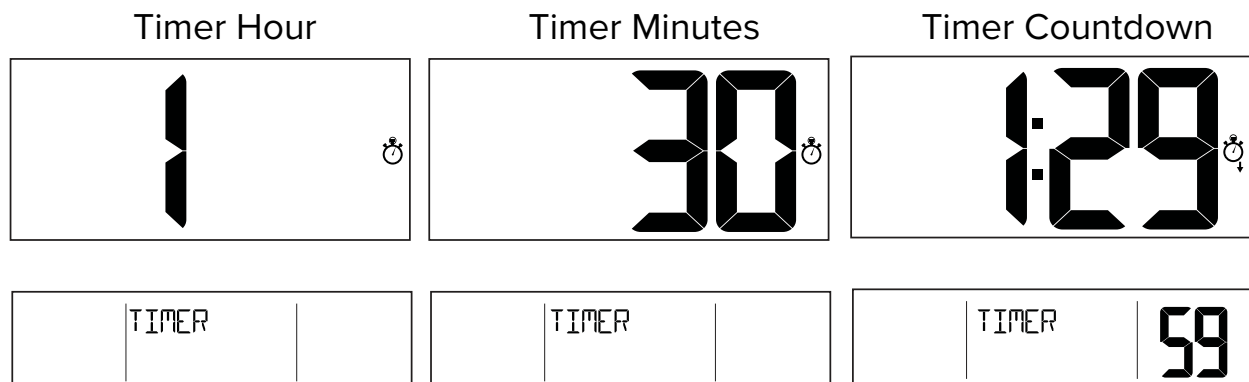
<b>LANGUAGE</b> 	<b>BEEP ON/OFF</b> 	<b>ATOMIC SIGNAL ON/OFF</b> 	<b>DST ON/OFF</b> 
<b>TIME ZONE</b> 	<b>12/24 HOUR FORMAT</b> 	<b>HOUR</b> 	<b>MINUTES</b> 
<b>YEAR</b> 	<b>MONTH</b> 	<b>DATE</b> 	<b>FAHRENHEIT/CELSIUS</b> 

# TIMER

The Timer can be set from 1 minute (minimum) all the way up to 24 Hours (maximum).

## Set Timer:

1. Hold the TIMER button for 3 seconds. The hour will begin to flash. Press the + or - button to adjust the Timer hour.
2. Press the TIMER button to confirm, the minutes will then begin to flash. Use the + or - button again to adjust Timer minutes.
3. Press the TIMER button to confirm and begin Timer countdown.



## PAUSE/PLAY TIMER:

- While the timer is active press the MINUS (-) button to Pause the timer, press it again to play and continue the current timer.
- While the timer is PAUSED user can toggle between Clock or Timer display with the PLUS (+) button
- When Timer is PAUSED and clock is displayed the Timer Indicator will show solid without arrows.

## START/STOP TIMER:

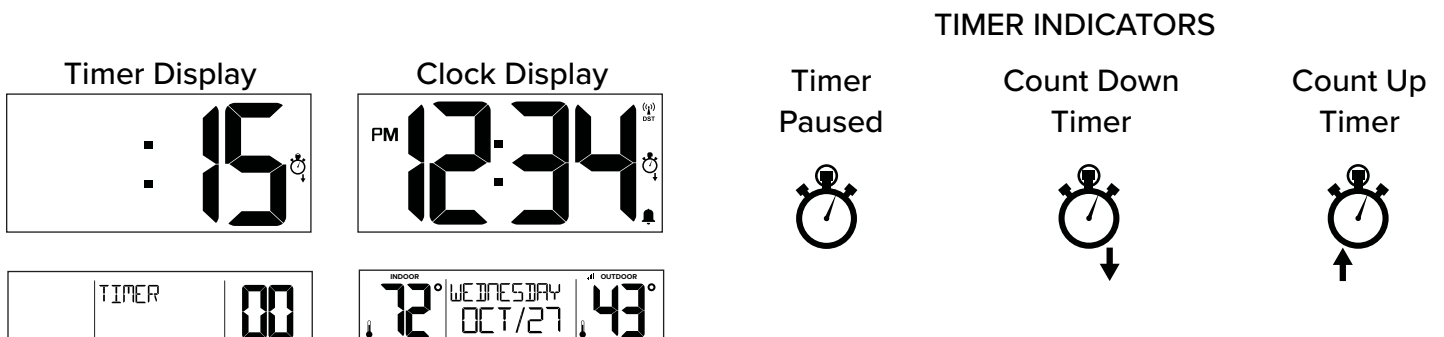
- Press the TIMER button to start or stop the timer.
- When stopped, Timer returns to last setting. If Timer was set at 45 minutes, when timer is stopped it will return to 45 minutes.

## TIMER SOUNDS:

- When Timer reaches "0" you will hear 5 beeps every 15 seconds for up to 1 minute.
- If the TIMER button is **not** pressed, the timer will begin counting up from "0".

## TIMER OR CLOCK DISPLAY:

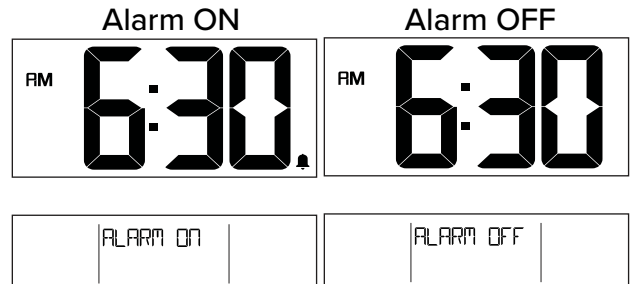
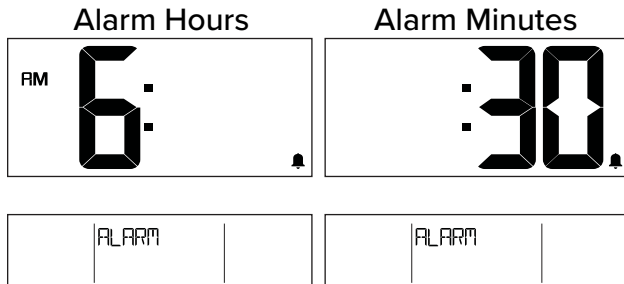
- Press the PLUS (+) button to toggle between Timer Counting Display and Clock Display.
- When Timer is active and Clock is displayed the Timer Indicator will show solid. The Up or Down Arrow will flash.




# ALARM

## SET ALARM


1. Hold the ALARM button 3 seconds to enter settings mode.
2. Press the + or - button to adjust the flashing values.
3. Hold the + or - buttons to adjust quickly.
4. Press the ALARM button to confirm adjustments and move to the next item.
5. Press the SNOOZE button at any time to exit.



## ACTIVATE/DEACTIVATE ALARM

- The alarm is active when set.
- From normal time display, press and release the ALARM button to deactivate or activate the alarm. The alarm time will show for 2 seconds.
- Alarm icon  will show then active.

## SNOOZE

- When alarm sounds, press the SNOOZE button to silence alarm for 10 minutes.
- The alarm icon  will flash.
- Press any button except SNOOZE to silence the alarm for 24 hours.

**Note:** When the alarm sounds, it continues for 2 minute and then shuts off completely.

# CHANGE BATTERIES

## Sensor:

1. When Battery Indicator shows next to the Outdoor Temperature, replace batteries in your Outdoor Sensor.
2. Then hold the PLUS (+) button for 3 seconds and your clock will search for your sensor.

## Clock:

1. When Battery Indicator shows next to the Indoor Temperature, replace batteries in your Clock.
2. Then hold the PLUS (+) button for 3 seconds and your clock will search for your sensor.

## Factory Restart:

1. Bring sensor within 5 feet of your clock. Remove batteries from clock and sensor for 15 minutes.
2. With batteries out, press any button on the clock 20 times.
3. After 15 minutes insert fresh batteries into your sensor and into your clock.

## SENSOR WEATHER SHIELD-NOT INCLUDED

- The Sensor Weather Shield is designed to protect your outdoor sensor from rain and snow.
- This shield will offer limited protection from the sun's heat.
- Purchase at: [bit.ly/925-1418](http://bit.ly/925-1418)



## WE'RE HERE TO HELP!

If you require additional support, call our customer support team based out of La Crosse, Wisconsin.

Phone: 1.608-782-1610

Or fill out our online support request form here: [bit.ly/contact\\_techsupport](http://bit.ly/contact_techsupport)

Our knowledgeable support team is available: Monday-Friday, 8am-6pm CST

## JOIN THE CONVERSATION

Ask questions, watch detailed setup videos, and provide feedback on our social media outlets!



## 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 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 which is not to be used for an extended period of time.
- Promptly remove expired batteries.

## SPECIFICATIONS

**Indoor Temperature Range:** 32°F to 122°F (0°C to 50°C)

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

**Transmission Range:** 330 ft (100 m) open air RF 433MHz

**Power Requirements:**

Digital Clock: 2-AA batteries not included

TX141-Bv3 sensor: 2-AA batteries not included

**Battery Life:**

Digital Clock: over 24 months

Tx141-Bv3 Sensor: over 24 months

**Dimensions:**

Digital Clock: 8.54" L x 1.02" W x 7.77" H (21.69cm L x 2.59cm W x 19.73cm H )

TX141-Bv3 Sensor: 1.58" L x 0.83" W x 5.08 " H (4.01 cm L x 2.10cm W x 12.90cm H)

## WARRANTY INFO

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.

For Full Warranty Details, Visit: [www.lacrossetechnology.com/support](http://www.lacrossetechnology.com/support)



## 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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 **WARNING:** This product can expose you to chemicals including styrene, which is known to the State of California to cause cancer. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)