

616A-1413_616A-30357 FAQs

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Power cord

- The design of this alarm clock is to use a power cord (5-volt) as the primary power source.
- Replacement Power Cord: Look on the back of the clock for the appropriate Power cord number. It is important to use the correct power cord on all electronic devices.
- The backlight will operate at five levels of intensity (including OFF) at your discretion when using the power cable.
- The Projection will operate at three levels of intensity (including OFF) at your discretion when using the power cable.
- **Settings Backup:** A CR2032 battery will save Time and Alarm settings when power is lost. The Projection will not show, and the LCD will be dark.

Button Functions: Quick Summary

Note: Items in **color** are available with an Add-on sensor (not included).

Front:  (MODE)

Top:  (PROJ ECTION) |  (PLUS) |  (SET) |  (MINUS) |  (Alarm)
| SNOOZE/BACKLIGHT

PROJ button

- Press to change Projection Intensity (OFF - HI - LO)
- Hold to change projection mode (**When outdoor sensor is connected**)

+ (PLUS) button

Normal Display-

- Hold to search for outdoor sensor.

Settings Menu

- Press to increase setting.
- Hold to increase quickly.

SET button.

Normal Display-

- Hold to enter Settings Menu.

Settings Menu-

- Press to move to next setting.

- (MINUS) button

Settings Menu

- Press to decrease setting.
- Hold to decrease quickly.

ALARM button

Normal Display-

- Press to activate/deactivate time alarm.
- Hold to enter alarm settings.

Alarm Settings-

- Press to move to next setting.

SNOOZE/BACKLIGHT button

Normal Display-

- Press to adjust backlight (OFF, 1, 2, 3, 4)
- Hold to set Auto Dim Start and Stop times

Alarm Sounds

- Press to Snooze the alarm
- Press to stop Snooze Countdown.

Settings Menu














- Press to exit.

MODE button

Press to change Display Modes.

- Calendar
- Indoor Temperature/Humidity
- Alarm Time
- Snooze Countdown
- Outdoor Temperature/Humidity
- Auto scroll.

Indicator Icons

 AM/PM	 AM/PM Alarm	 Temp/Humidity mode	 Fahrenheit	 Low Battery
 Auto Dim On	 Snooze On	 Alarm	 Humidity Percent	
 Alarm On	 Calendar mode	 Cycle all modes.	 Sensor Reception	

12/24-Hour Time Format

- Use the program menu to select 12 hour or 24 hour time format.

Does the clock have a backlight?

Yes, this alarm clock has a backlight.

- Tap the SNOOZE/BACKLIGHT button to adjust the backlight 5 levels of intensity.
- Intensity Levels: OFF | 1.5% | 20% | 50% | 100%.

LCD Backlight is not on:

Try this exercise in a dim room. The [backlight](#) will operate at five levels of intensity (including OFF) at your discretion when using the power cable. Touch the SNOOZE/BACKLIGHT button a few times. Wait 15 seconds to see if backlight stays on. This will assure it is not in OFF mode.

What is Auto Dim backlight?

You can set your backlight to automatically dim to level 1 at a set hour for sleeping, then automatically return to full brightness when you wake.

Set Auto Dimming (Hour only).

1. **Hold** the SNOOZE/BACKLIGHT button 2 seconds to enter dimmer set mode. **Dim off** will show.
2. Tap the + or – buttons to turn dimmer (ON). **Dim at** will show for 2 seconds then **10:00 LO** will show the hour will flash.
3. Tap the + or – buttons to change the hour for the dimmer to be low light level.
4. Tap the SNOOZE/BACKLIGHT button to select start time for dimmer to be on High light level. **6:00 HI** will show and the **hour** will flash.
5. Tap the + or – buttons to change the hour for the dimmer to be high light level.
6. Tap the SNOOZE/BACKLIGHT button to confirm and exit.

Time is inaccurate.


- This clock has manual set time. Use the [program menu](#) to set the time.

Daylight Saving Time

- This clock has manual set time. Use the [program menu](#) to change the time in the spring to enter daylight saving time, and in the fall to return to Standard Time.

Program Menu

When you power up the clock, there will be a greeting and the clock will go into Settings automatically. If there is loss of power or customer unplugs and moves the clock, the Greeting will appear.


- **Greeting: HI HOW ARE YOU** (scrolls briefly)
HI (2 seconds), HOW (1 second), ARE (1 second), YOU (1 second)
- Hour flashes with no additional button Press.
- Press the + or - buttons to adjust the values.
- Press the  **SET** button to confirm adjustments and move to the next item.
- Press the SNOOZE/BACKLIGHT button at any time to exit settings.

Settings Menu order:





- Greeting Scrolls
- Beep ON/OFF
- 12/24 Hour time
- Hour
- Minutes
- Year
- Month
- Date
- Fahrenheit / Celsius

1. **Power up clock.** On power up “**HI HOW ARE YOU**” will scroll briefly. Then the **12hr** will flash. Press the + or - button if you prefer 24 hour time.
2. Press SET to confirm and move to BEEP ON/OFF. BEEP ON will flash. Press the + or – button to turn Beed sound Off.
3. Press SET to confirm and move to the hour. The **HOUR** will flash. Press the + or - button to choose the minutes.
4. Press SET to confirm and move to the minutes. The **MINUTES** will flash. Press the + or - button to choose the minutes.
5. Press SET to confirm and move to the year. The **YEAR** will show and **2021** will flash. Press the + or - button to change the year.
6. Press SET to confirm and move to the month. The **MONTH** will show, and Month number 01 number will flash. Press the + or - button to change the month.
7. Press SET to confirm and move to the date. **DATE** will show and Date number 01 will flash. Press the + or - button to change the date.
8. Press SET to confirm and move to the temperature unit. °F will flash. Press the + or - button if you prefer °C (Celsius).
9. Press SET to confirm and exit.

Do I need to unplug the clock to change the time?

- No. To access the Program Menu, simply hold the  SET button for 3 seconds. The Greeting will not show. The Greeting will only show when clock is plugged in.

Alarm

1. Hold the  button to enter the Alarm Setting Mode. **ALM HOUR** and the Hour will show. Press the + or – button to adjust the hour.
2. Press the  button, **ALM MIN** and the Minutes will show. Press the + or – button to adjust the minutes.
3. Press the  button to select Snooze time (5 minutes to 120 minutes) **SNZ TIME** will show. Press the + or – button to adjust.
4. Press the  button to exit.
5. The alarm is active when set.

Note: Alarm is crescendo sound. When the alarm sounds, it continues for 2 minutes, increasing in frequency, and then shuts off completely.

Activate/Deactivate Alarm

Activate/Deactivate Sound Alarm:

- The alarm is active when set. The Alarm Icon 🔔 will show on the display when active and disappear when alarm is off.
- Press the 🔔 button once to deactivate. **ALM OFF** will show for 2 seconds.
- Press 🔔 button again to activate for the same time. **ALM ON** will show, for 2 seconds and the alarm time will show for 2 seconds.
- **HI** will show for 2 seconds when alarm is shut off after it sounds.

Snooze Alarm

- PRESS the SNOOZE/BACKLIGHT button to snooze the Sound Alarm for the selected 5-120 minutes.
- **SnZ ON** and minutes countdown will show.
- When Snooze time reaches “00” the alarm will sound. Snooze can be repeated.
- Press the SNOOZE/BACKLIGHT button to stop Snooze Countdown.

IMPORTANT: User can press the ⏸ button to change the display without stopping the Alarm or the Snooze Countdown.

Projection

Projection Intensity:

Press 🔊 to change Projection Intensity (OFF - HI - LO)

Projection Modes:

Hold the 🔊 button to change mode to toggle between time and **outdoor temp** and humidity when sensor is connected.

1. Project **Outdoor Temp and Humidity** if available
2. Project Time, **Outdoor Temp and Humidity** to cycle every 5 seconds.
3. Project Only Time


NOTE: If there is no sensor, this function is not available.


Adjust Projection Image:

- Tilt the Projection arm backwards or forward for best viewing angle.
- Use the Rotation Wheel on the projection arm to rotate your projected image.



Custom Display Options

Press the  button to select a display mode or to auto-scroll through all display modes. Display will stay on selection unless on auto-scroll.

IMPORTANT: User can press the  button to change the display mode without stopping the Alarm or the Snooze Countdown.

Display options:

- Calendar
- Indoor Temp/Humidity
- Outdoor Temp/Humidity (With optional add-on sensor)
- Alarm Time (ON/OFF)
- Snooze Countdown (ON/OFF)
- Auto (Auto-scroll all modes)

Auto-scroll:

- When AUTO is selected, the clock will scroll through all display modes every 5 seconds.
- The auto-scroll indicator will lose one segment every 1 second, for 5 seconds then switch to the next channel.



Charging Options

Wireless Charging

Wireless Charging:

- 10.0 Watts Power
- 1 Coil Charging (Adjustable Coil)
- Vertical & Horizontal Charging

Wireless Charging:

- Place your mobile device on the charging platform vertically in the cradle or horizontally on top.
- Fast flash LED – Foreign object detected (metal)
- Slow flash – misalignment
- Solid light – charging

Note: When the phone is fully charged, there is still a small current 100-200mA supplying to the phone to keep the phone fully charged. LED Light will remain on.

Adjust Charging Coil:

On the back of the charging cradle is a lever to move the charging coil up or down to accommodate the size of your phone.

USB Charge Ports (A or C)

USB Charging:

There is a 1 Amp USB-A and a 1 Amp USB-C charge port on the back of the 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.
- When charging a phone or mobile device, you can use the Cable organizer to keep your cable tucked away.
- When charging a Smart Watch, attach the Smart Watch holder to support your watch and plug your watch's USB cable into the charging port.
- Secure the cord with the holder on the clock.

USB C Charging for Earbuds or Headphones:

- Connect your external device's USB charging cable (not included) to the USB C charging port.
- Your charge cord will run through the bottom of the clock to connect to your device.
- Air Pods will use the Air Pod cradle. Headphone will use the Headphone stand (not included).
- USB C Power Output: 1A maximum current. Charge 1A devices or devices that are self-regulating.

Charging Smart Watch:

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

Accessories:

The following accessories can be stored in the bottom of your clock when not in use. Headphone Stand is included in the package.



Phone, Earbuds, or Watch will not Charge.

- Be sure your charge cord is attached correctly.
- For Wireless Charging be sure your phone is Qi enabled. Place correctly in the cradle.

Alarm Clock is dim

- Tap the SNOOZE/LIGHT button to determine if the LCD backlight is on HIGH or LOW.
- Clock must operate on Power cord for backlight to stay on.

Alarm Clock is blank: No numbers or dashed lines

- Check that the Power cord. Is it correctly installed and connects to an active outlet.
- Press any button 20 times. Leave the alarm clock unpowered for 1-2 hours.

Can I add an Outdoor Sensor to my clock?

Yes, you can purchase and add-on TX141TH-Bv3 sensor to the clock if desired.
Sensor is not included.

Add Optional Sensor:

1. Insert 2 AA batteries into the sensor
2. Hold the + (PLUS) button and the clock will search for a sensor for 3 minutes or until connected. Once connected the search will stop.
3. Tap the TX button on the sensor to transmit a signal.

Note: On power up the clock will search for the sensor for up to 3 minutes or until connected.

Lost Connection to Outdoor Sensor:

- If the Temperature/Humidity Sensor loses connection to the clock for any reason, the clock will show **NO** after 30 minutes (for both Outdoor Temperature and Humidity). The strength indicator will not show.
- The clock will search for up to 3 minutes every hour to reconnect with the Temperature/Humidity Sensor.
- Hold the **PLUS (+)** button 2 seconds to search manually for the TH sensor. Dashes will show while searching for a sensor and the Sensor Reception Indicator will flash for up to 3 minutes or until connection.

Mounting/Positioning Remote sensor

First: Place the remote sensor in the desired shaded location. Wait approximately 1 hour before permanently mounting the remote sensor to ensure that there is proper reception.

POSITION

Outdoor:

- Protect the remote sensor from standing rain or snow and from the overhead sun, which can cause it to read incorrectly.

- Mounting under an eave or deck rail works well.
- If you choose, you can construct a small roof or box for the remote sensor. Be sure a box has vents.
- Mount the remote sensor on the North side where to prevent sun from causing incorrect readings.
- Mount at least 6 feet in the air for a strong RF (radio frequency) signal.
- Do not mount the remote sensor on a metal fence. This significantly reduces the effective range.
- Remote sensors are water resistant, not waterproof.

Indoor:

- Mount the Remote Sensor indoors to monitor high mold risk areas like in a crawl space or a basement.

Indoor or Outdoor:

- Mount remote temperature sensor **vertically**.
- Avoid more than one wall between the remote sensor and the atomic clock.
- The maximum transmitting range in open air is over 330 feet (100 meters).
- Obstacles such as walls, windows, stucco, concrete and large metal objects can reduce the range.
- Do not mount near electrical wires, transmitting antennas or other items that will interfere with the signal.
- RF (radio frequency) signals do not travel well through moisture or dirt.

MOUNT

Option 1:


- Install one mounting screw (not included) into a wall.
- Place the remote sensor onto the screw (hanging hole on the backside).
- Gently pull down to lock the screw in place.

Option 2:

- Insert the mounting screw through the front of the remote sensor and into the wall.
- Tighten the screw to snug (do not over tighten).

Sensor shows NO or dashes.

Lost Connection:

- If the Temperature/Humidity Sensor loses connection to the clock for any reason, the clock will show **NO** after 30 minutes (for both Temperature and Humidity). The strength indicator will not show.
- The clock will search for up to 3 minutes every hour to reconnect with the Temperature/Humidity Sensor.
- Hold the **PLUS (+)** button 2 seconds to search for the TH sensor. Dashes will show while searching for a sensor and the Sensor Reception Indicator  will flash for up to 3 minutes or until connection.