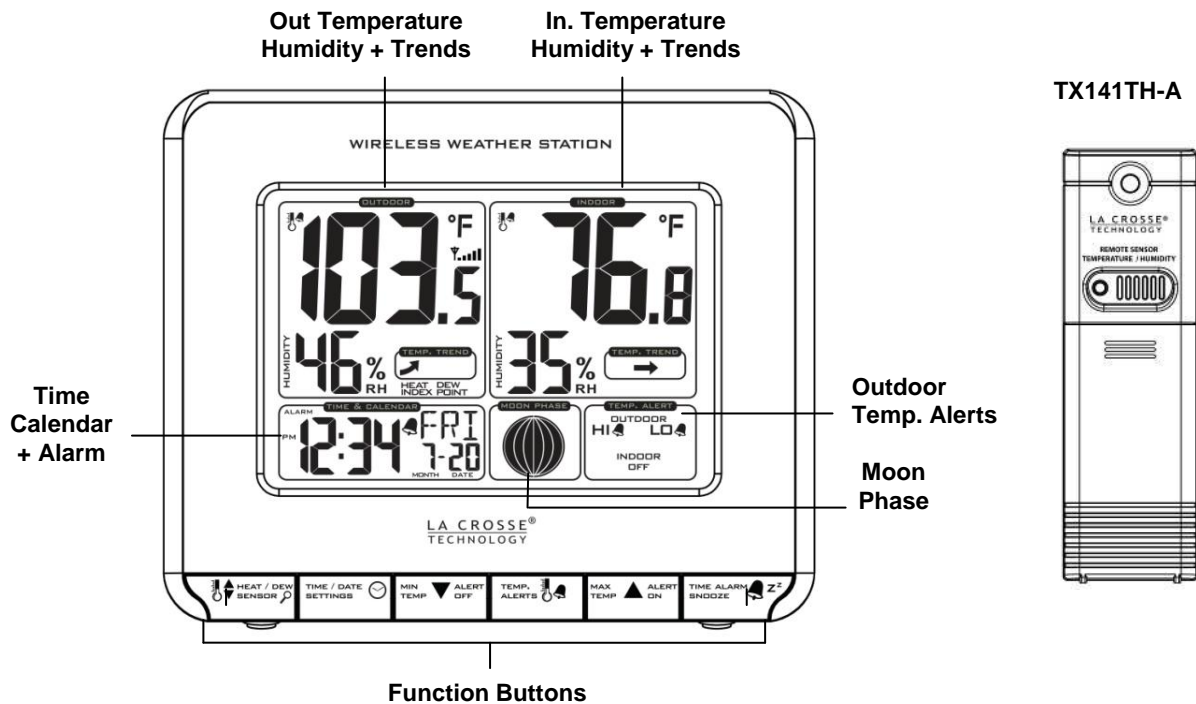


This Wireless Weather Station provides real-time weather straight from your backyard. Monitor indoor and outdoor temperature with daily min/max records and humidity, track temperature trends and set your own high and low temperature alerts--all in one convenient device for your desktop or bedside table. It also features digital time and date with snooze alarm, moon phase, and has a wireless transmission range of over 200 ft. to the backyard temp/humidity sensor.

Wireless Weather Station with TX141TH-A Outdoor Transmitter



Get Support: www.lacrossetechnology.com/t83646

Initial Startup

Step 1:

Insert 2 NEW AA batteries (not included) into the weather station. Observe the correct polarity.

Step 2:

Insert 2 NEW AA batteries (not included) into the TX141TH-A transmitter. Observe the correct polarity.

Restart: if there is no outdoor temperature data after 3 minutes. Remove batteries from the weather station & transmitter for 15 minutes. Return to **Step 1** above.

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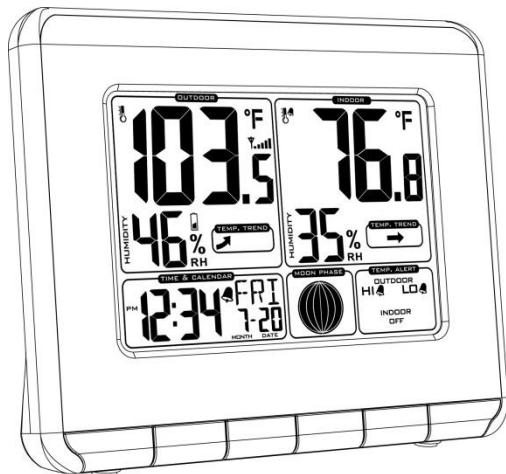
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Features

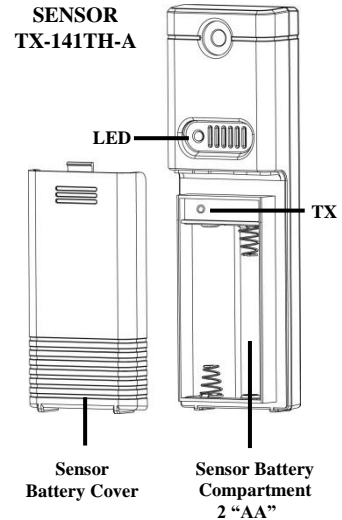
- Outdoor temperature (°F/°C)
- Signal strength icon for sensor transmission
- Outdoor humidity (%RH)
- Outdoor temp. trend indicator
- Indoor humidity (%RH)
- Indoor temperature (°F/°C)
- Indoor temp. trend indicator
- 12/24 hr. time (manual setting)
- Calendar: month/day/date
- Track able moon phases
- Outdoor/Indoor temp. alerts
- Outdoor MIN/MAX temp. (°F/°C)

- Indoor MIN/MAX temp. (°F/°C)
- Low battery icon for station
- Low battery icon for sensor

Function Buttons



FRONT VIEW



Buttons

Program Menu (set time, date, 12/24, °F/°C)

The program menu selects your preferences:

- Year
- Month
- Date
- 12/24-Hour Time Format
- Hour
- Minutes
- Fahrenheit/Celsius

Program menu buttons:

1. Hold the **SETTINGS** button to enter time set mode.
2. To adjust values press the **DOWN or UP ARROW** buttons.
3. Press the **SETTINGS** button to confirm adjustments and move to the next item.

Set Calendar

To set the calendar:

1. Hold the **SETTINGS** button until the station beeps.
2. The **Year** will flash.
3. Use the **ARROW** buttons to choose the year.
4. Press the **SETTINGS** button to confirm and move to the month.
5. The **Month** will flash.
6. Use the **ARROW** buttons to choose the month.
7. Press the **SETTINGS** button to confirm and move to the date.
8. The **Date** will flash.
9. Use the **ARROW** buttons to choose the date.
10. Press the **SETTINGS** button to confirm and move to select 12/24 hour time.



Note: The day of the week will set automatically once the year, month and date are set.

12-hour or 24-hour Time Format

The Time may be displayed in 12-hour or 24-hour format. Default is 12-hour time.

Note: When in 12-hour format, AM or PM will show in front of the hour.



1. Hold the SETTINGS button for three seconds to enter time set mode.
2. **12H** will flash.
3. Use the ARROW buttons to choose 12-hour or 24-hour time format.
4. Press the SETTINGS button to confirm and move to set time.

Set Time

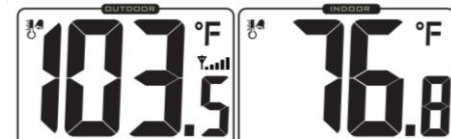
To set the time manually:

1. The **Hour** digit will flash.
2. Use the ARROW buttons to choose the hour.
3. Press the SETTINGS button to confirm and move to minutes.
4. The **Minutes** will flash.
5. Use the ARROW buttons to choose the minutes.
6. Press the SETTINGS button to confirm and move to select Fahrenheit/Celsius.



Fahrenheit/Celsius

1. °F or °C will flash.
2. Use the ARROW buttons to select Fahrenheit or Celsius.
3. Press and release the SETTINGS button to confirm and exit the program menu.



Note: When no buttons are pressed for ten seconds, the weather station will save the last change and default back to normal mode.

Alarm Time

Time alarm buttons:

1. Hold the **TIME ALARM** button to enter alarm set mode.
2. To adjust values press the **DOWN or UP ARROW** buttons.
3. Press the **TIME ALARM** button to confirm adjustments and move to the next item.

Set Time Alarm

In normal mode, press and release the TIME ALARM button once to show alarm time. Hold the TIME ALARM button for three seconds to enter alarm set mode.

1. The **Hour** will flash.
2. Use the ARROW buttons to set the hour.
3. Press the TIME ALARM button to confirm and switch to minutes.
4. The **Minutes** will flash.
5. Use the ARROW buttons to set the minutes.
6. Press TIME ALARM button to confirm and exit.

Note: When no buttons are pressed for 20 seconds the weather station will save the last change and default back to normal time mode.

Activate/Deactivate Time Alarm


- In normal mode, press and release the TIME ALARM button once to show alarm time.
- Press and release the TIME ALARM button repeatedly to turn ON/OFF alarm.
- The alarm icon appears when alarm is activated.

Note: The crescendo alarm will ring for 2 minutes then turn off if no buttons are pressed.



Snooze

- When the alarm sounds, press the TIME ALARM button to snooze the alarm for 10 minutes.

- The snooze option can be repeated three times.
 - The alarm icon  will flash while the snooze feature is active.
- Note:** While the alarm sounds, you may press any button **except** the TIME ALARM button to turn the alarm off.



Temperature Alerts

Setting the temperature alerts are **separate** from turning the alerts ON or OFF.

Temperature alert buttons:

1. Hold the **TEMP ALERTS** button until the station beeps.
2. The temperature alert value will blink in set mode.
3. To adjust alert values press the **DOWN or UP ARROW** buttons.
4. Press the **TEMP ALERTS** button to confirm & move to the next alert.

Select Temperature Alert Values

Temperature Alert **value** will flash individually in the outdoor or indoor temperature area when selected to be set. The alert is not active just from selecting the value. Hold the TEMP ALERT button for five seconds to select and set temperature alert values. To skip an alert value and move to the next, simply press the TEMP ALERT button again.



1. **OUTDOOR HI** alert will flash.
2. Press the ARROW buttons to set the alert value.
3. Press the TEMP ALERT button to confirm and switch to OUTDOOR LOW setting.
4. **OUTDOOR LO** alert will flash.
5. Press the ARROW buttons to set the alert value.
6. Press the TEMP ALERT button to confirm and switch to INDOOR HI setting.
7. **INDOOR HI** alert will flash.
8. Press the ARROW buttons to set the alert value.
9. Press the TEMP ALERT button to confirm and switch to INDOOR LOW setting.
10. **INDOOR LO** alert will flash.
11. Press the ARROW buttons to choose the value.
12. Press the TEMP ALERT button to confirm and exit.



Note: After selecting temperature alert values, use the next step to turn arm or disarm alerts.

One or all of the HI and LO temperature alerts may be set.

- Range for indoor temperature alert: +32°F to +122°F (0°C to 50°C)
- Range for outdoor temperature alert: -40°F to 140°F (-40°C to 60°C)

Arm/Disarm Temperature Alerts


Press & release TEMP ALERT button to view alerts in normal time display.

- **UP ARROW arms** temperature alerts.
- **DOWN ARROW disarms** temperature alerts.
- **ALERT BELL ICON** appears when armed.

Note: When no temperature alerts are set, the Temperature Alert area will show ALERTS OFF.

1. In normal time mode, hold then release the TEMP ALERT button to toggle between:
 - Outdoor HI
 - Outdoor LO
 - Indoor HI
 - Indoor LO



2. Press the UP ARROW button to **arm** the selected alert.
3. The alert icon  appears when alarm is activated.
4. Press the DOWN ARROW button to **disarm** the selected alert.

Active Alert

- Beeps once per minute with flashing alert bell icon.
- Press any button to stop the alert.

Temperature Trend Arrows

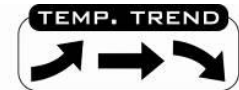
The indoor and outdoor temperature trend indicators will update every 30 minutes or less. These trends represent temperature changes over the past three hours.

Example: At 1:00pm, the arrow indicates the change in temperature since 10:00am. At 1:30pm, the arrow will indicate the temperature change since 10:30am.

UP: Temperature rose more than 2°F /1°C

RIGHT: Temperature has **not changed** more than 2°F /1°C

DOWN: Temperature fell more than 2°F /1°C



MIN/MAX Temperatures

The weather station provides the daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The weather station automatically resets the min/max temperatures at midnight (12:00 AM).

View MIN data:

- Press and release the MIN TEMP button to view the minimum Indoor and Outdoor Temperatures.

Reset MIN data:

- Hold the MIN TEMP button for five seconds and the Indoor and all Outdoor Minimum Temperatures will be reset.
- The temperature area will show dashes briefly then return to current temperatures.



View MAX data:

- Press and release the MAX TEMP button to view the maximum Indoor and Outdoor Temperatures.

Reset MAX data:

- Hold the MAX TEMP button for five seconds and the Indoor and all Outdoor Maximum Temperatures will be reset.
- The temperature area will show dashes briefly then return to current temperatures.



Heat Index and Dew Point Temperature

Heat Index

Heat Index combines the effects of heat and humidity. It is the apparent temperature of how hot it feels to a human being. As humidity increases, the body is unable to cool effectively; therefore, the temperature will feel warmer.

View Heat Index: From a normal display, press the HEAT/DEW button once and Heat Index will show instead of the outdoor ambient temperature.

Note: Heat index will be the same number as the temperature until the outdoor temperature is above 80 °F (26.7°C).


Dew Point Temperature

Dew Point Temperature is the saturation point of the air, or the temperature to which the air has to cool in order to create condensation. The higher the dew points, the higher the moisture content of the air at a given temperature.

View Dew Point Temperature: From a normal display, press the HEAT/DEW button twice and Dew Point will show instead of the outdoor ambient temperature. The words Dew Point will show near outdoor temperatures.

Note: Dew Point is lower than the actual temperature.

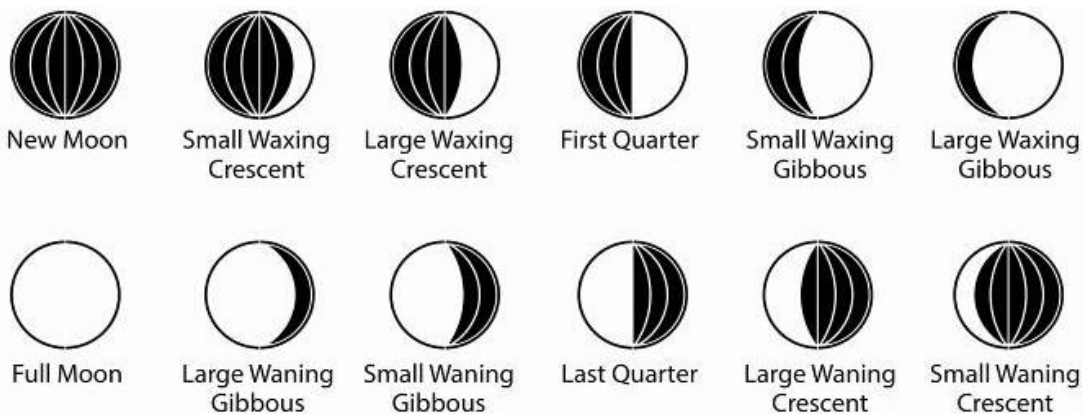
Outdoor Temperature/Humidity Flashing

1. Low battery icon  present in the outdoor temperature area:
 - Change batteries in the transmitter and press the TX button.
 - Hold the HEAT/DEW button for three seconds and the weather station will search for the outdoor transmitter again.
2. End of Transmission Range:
 - Move the transmitter closer to the weather station.
 - Avoid obstructions in the signal path.
 - Keep transmitter and weather station away from electronics.



Moon Phase

The Moon Phase is based on the date manually set on the weather station. The moon is divided by 6 sections, showing a total of 12 phases of the moon.



- **Waxing** indicates growing or expanding illumination and happens after a new moon.
- **Waning** indicates decreasing illumination and occurs after a full moon.
- **Crescent** refers to the moon being less than half illuminated. Crescents can be waning or waxing.
- **Gibbous** describes a moon phase when more than half is illuminated. Gibbous can be waxing or waning.
- **New Moon** occurs when the moon is between the earth and sun, so the illuminated portion of the moon is on the back side facing the sun and we cannot see it. After a new moon, the illuminated portion will increase or wax until the full moon occurs.
- **Full Moon** occurs when the earth, moon and sun are in approximate alignment, with the moon and the sun on opposite sides of the earth. The illuminated portion of the moon faces the earth, giving us complete visibility of one side of the entire moon. After a full moon, the illuminated portion will decrease or wane until the new moon occurs.
- **First Quarter** and **Last Quarter** moons occur when the moon is at a 90 degree angle to the earth and sun. We see half of the moon illuminated and the other half is in shadow.

Care and Maintenance

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Lithium, Standard or Rechargeable Batteries**
- Do not expose the weather station to extreme temperatures, vibration or shock. Keep dry.
- Clean weather station with a soft damp cloth. Do not use solvents or scouring agents.
- The weather station is not a toy. Keep it out of reach of children.
- The weather station is not to be used for medical purpose or for public information. It is for home use only.
- The specifications of this weather station may change without prior notice.

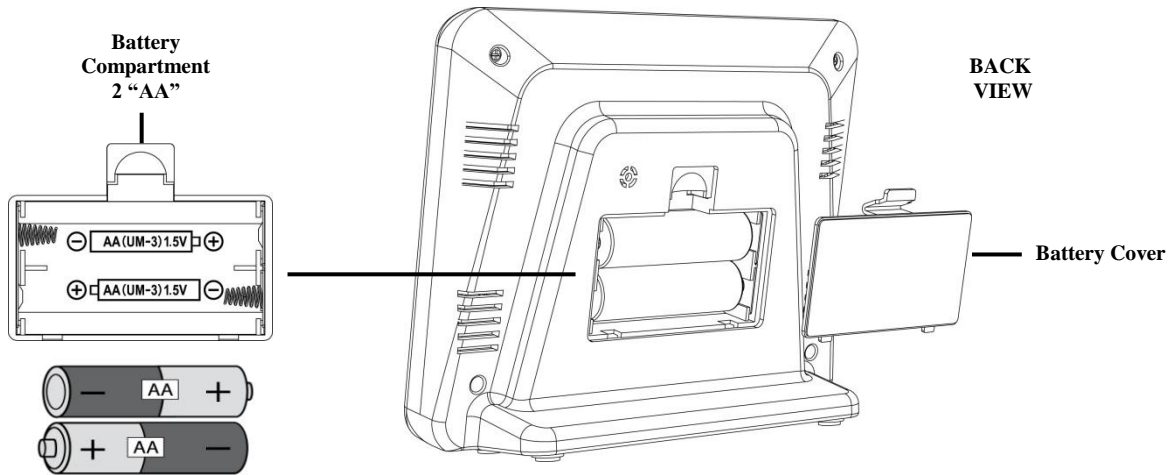
- Improper use or unauthorized opening of housing will void the warranty.
- If the weather station does not work properly, change the batteries and/or check the AC cord connection.

Low Battery Icon

Weather station: Icon displays in Indoor LCD section, replace batteries in the weather station.
Transmitter: Icon displays in Outdoor LCD section, replace batteries in the outdoor transmitter.



Power the Weather Station



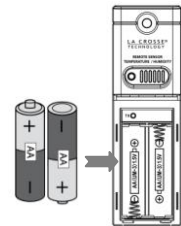
Remove battery cover. Slide tab down and pull off to remove battery cover.

1. Install two new AA batteries according to the polarity markings.
- **Do Not Mix Old and New Batteries**
 - **Do Not Mix Alkaline, Lithium, Standard or Rechargeable Batteries**

If the weather station does not display indoor temperature after 60 seconds, remove adapter and batteries and wait for at least 60 seconds before repeating the setup process.

Install Batteries in the Outdoor Transmitter

1. Slide the battery cover down, then lift off the back of the transmitter.
2. Insert two new AA batteries into the transmitter. Observe the correct polarity.
3. Keep transmitter 5-10 ft. from the weather station during setup.
4. After 15 minutes, if the outdoor temperature shows on the weather station, you can move the outdoor transmitter outside to a shaded location within range of the weather station.



Search for Transmitter

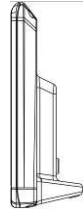
- Hold the SENSOR button to search for the outdoor transmitter.
- The strength signal icon will animate until the sensor signal is received or for 3 minutes if no signal available.



Position the Weather Station

Choose a location for the weather station that is within range of the outdoor transmitter. The weather station has a built in base stand to sit on a table or desk.

- Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers, baby monitors, etc., which can prevent signal reception.
- Be aware of electrical wires and plumbing within a wall.
- Best reception is achieved when the front or the back of the weather station is facing the outdoor transmitter. This allows a larger portion of the antenna to receive a signal.

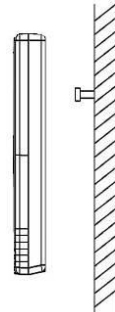


Position the Outdoor Transmitter

Once the weather station shows the outdoor temperature/humidity, place it and the transmitter in the desired locations and wait approximately one-hour before permanently mounting the transmitter to ensure that there is proper reception. The transmitter should be mounted vertically, in a shaded, protected area, at least 6 feet from the ground to avoid damage and ensure accurate readings. The transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow. To achieve a true temperature/humidity reading, mount where direct sunlight cannot reach the outdoor transmitter. Mount on a North-facing wall or in any well shaded area. Under an eave or deck rail work well. The maximum transmitting range in open air is over 200 feet (60 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range. transmission.

Option 1:

- Install one mounting screw (included) into a wall leaving approximately ½ of an inch (12.7mm) extended.
- Place the transmitter onto the screw, using the hanging hole on the backside.
- Gently pull the transmitter down to lock the screw into place.



Option 2:

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

Specifications

Indoor:	
Temperature Range:	+32°F to +122°F (0°C to 50°C)
Humidity Range:	19%-97% (RH)
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.
Humidity Range:	19%-97% (RH)
Distance:	Over 200 ft. (60 meters) RF 433MHz (open air)
Interval:	About every 50 seconds

Power:	
Weather Station:	2-AA, IEC, LR6 batteries (not included)
TX141TH-A Transmitter:	2-AA, IEC, LR6 batteries (not included)

Battery Life:	
Weather Station:	Battery life is over 12 months when using reputable battery brands for both Alkaline and Lithium batteries
TX141TH-A Transmitter:	Battery life is over 24 months when using reputable battery brands for both Alkaline and Lithium batteries

Dimensions:	
Weather Station:	5.40" L x 1.68" W x 4.40" H (137.2 mm L x 42.8 mm W x 111.8 mm)
TX141TH-A Transmitter:	1.57" x 0.79" x 5.12" (40 x 20 x 130mm)

Warranty and Support Information

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.lacrossetechnology.com/warranty_info.pdf

For warranty work, technical support or other information contact:

La Crosse Technology, Ltd
 2817 Losey Blvd. S.
 La Crosse, WI 54601
 Contact Support:
 1-608-782-1610



Scan for online information

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

Online Product Support: www.lacrossetechnology.com/t83646

Protected under U.S. Patents: 5,978,738, 6,076,044, 6,597,990

FCC Statement

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) the device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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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