LA CROSSE®
TECHNOLOGY

Wireless Pressure Station
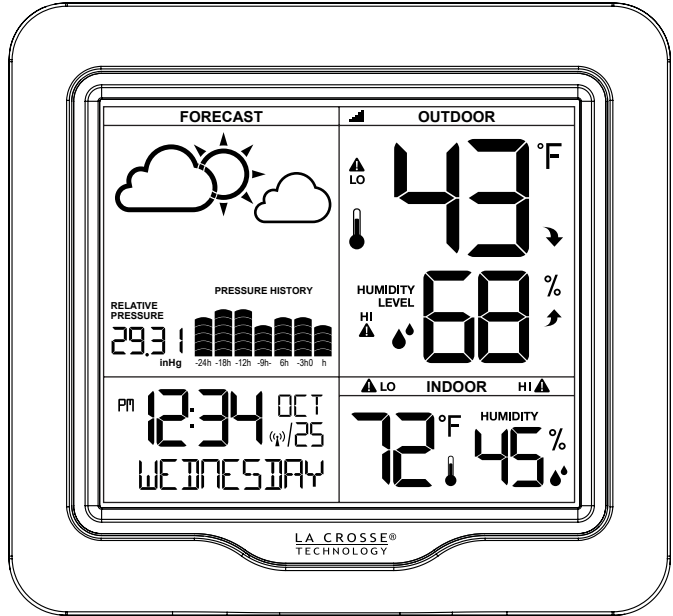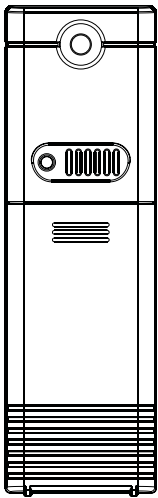
For online video support:
http://bit.ly/LaxTechTalk

Model: 308-1417
DC: 062617

Table of Contents

Button Function Explanation

ALERTS	TEMP	SEARCH	+	–	SET	PRESSURE

For better programming instructions, please note these terms for button use:

• **Press:** Press and release the designated button.
• **Hold:** Hold the button for 3 seconds then release the button.

Setup

1. Install 2-AA batteries into the TX141TH-Bv2 sensor. The red LED light will blink when transmitting.

2. Insert 3-AA batteries into the back of the station.

4. Keep sensor and weather station within 5 feet for at least 15 minutes after installing batteries. This allows the sensor and station to sync properly and ensures a strong connection.

5. After 15 minutes, place sensor in desired location (position sensor).

6. Program the station in the settings menu.

LED
TX button
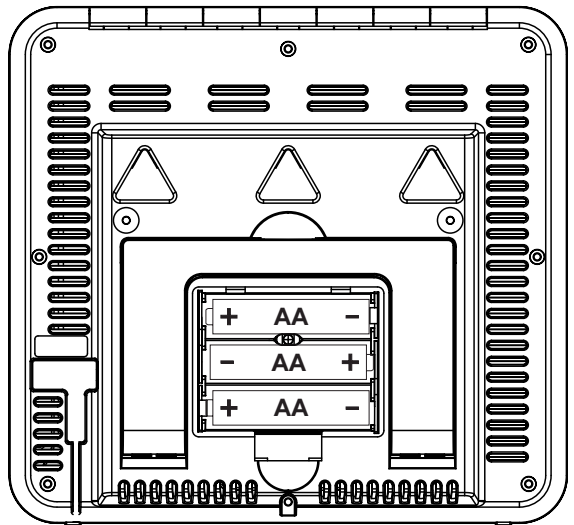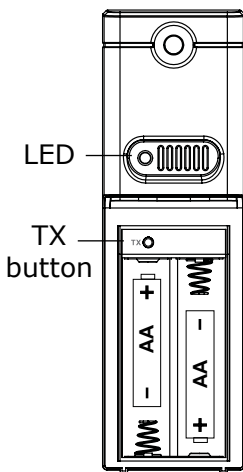
Note: Press the TX button inside the battery cover of the sensor to force a signal transmission.

Atomic Time

- The station will automatically search for the atomic time signal at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- Press the SEARCH button to search manually, for the atomic time signal.
- Please be sure you have selected your time zone from the list in the Settings menu. When the Atomic time signal is received, the station will set to the time zone selected. Default is Eastern Time.
- For information about WWVB visit: http://bit.ly/AtomicTime

Settings Menu

1. Hold the SET button to enter settings menu.

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 SEARCH button at any time to exit.

Settings menu order:
- Language: (English, Español, Français)

- Beep ON | OFF

- Atomic ON | OFF

- DST ON | OFF (Daylight Saving Time)

- Time Zone

- Format: 12Hr | 24Hr

- Set Hour

- Minutes

- Set Year

- Set Month

- Set Date

- Temperature Fahrenheit | Celsius

Time Zones

ATLANTIC
EASTERN
CENTRAL
MOUNTAIN
PACIFIC
ALASKA
HAWAII

Language

ENGLISH

Beep ON |OFF

ON
BEEP

Atomic ON | OFF

ON
ATOMIC

DST ON | OFF

ON
DST

Time Zone

AM 12:00
EASTERN

12Hr | 24Hr

12Hr
FORMAT

Set Hour

AM 12:
SET HOUR

Minutes

:34
MINUTES

Set Year

20 17
SET YEAR

Set Month

JAN
SET MONTH

Set Date
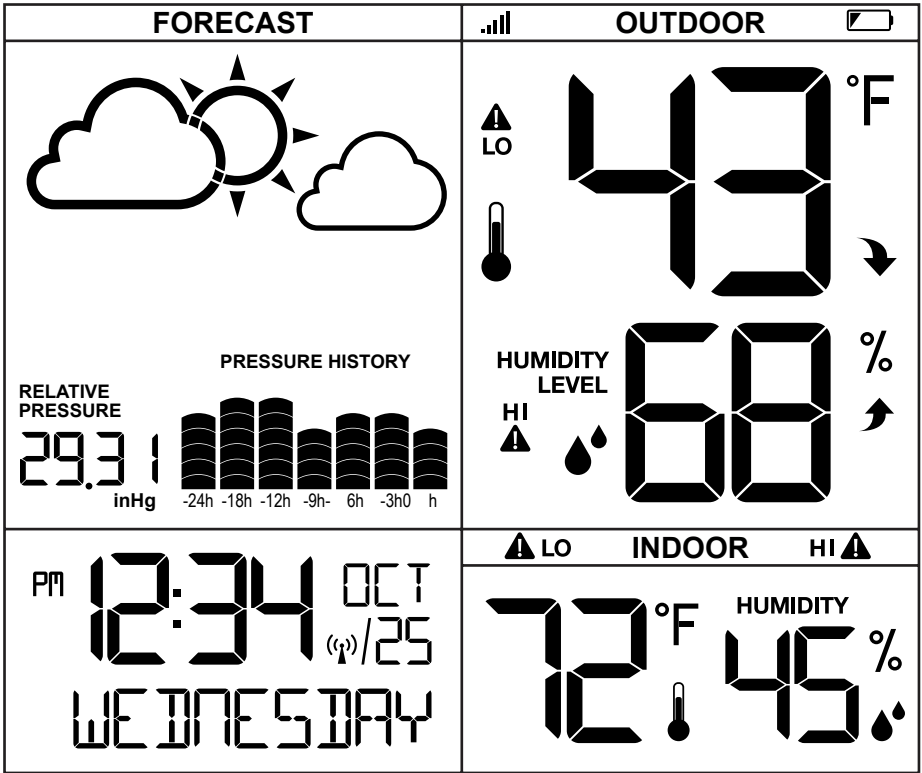
/01
SET DATE

Temp °F | °C

°F
TEMP

Note: When Español is selected, the instructions on screen will be in Spanish. When Français is selected, the instructions on the screen will be in French.

Note: Setting the time zone ensures the time will be correct when the atomic time signal is received.

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

LCD Features

| Forecast Icons | | HI \| LO Alert Icons |
Pressure History Graph		Fahrenheit | Celsius
AM | PM		Temperature Section Icon
Atomic Time		Trend Arrows
Low Battery Icon		Percent Humidity
Sensor Reception		Humidity Section Icon

Weather Forecast Icons

- The forecast icons are determined by the station's barometric pressure reading. Please allow 7-10 days for barometric calibration.
- Six forecast icons use changing atmospheric pressure to predict weather conditions for the next 12-hours with 70-75% accuracy.
- When Outdoor temperature is below 32˚F and the forecast is RAIN or T-STORM, the station will display SNOW.

SUNNY	PARTLY SUNNY	CLOUDS
FORECAST	FORECAST	FORECAST

RAIN	T-STORM	SNOW
FORECAST	FORECAST	FORECAST
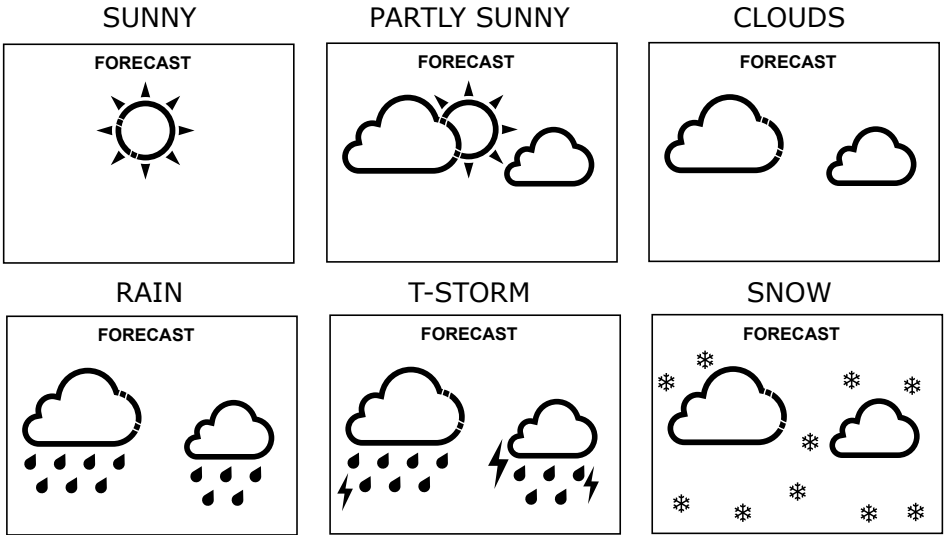
Pressure History Graph

- Read from left to right, the Pressure History Graph indicates the rise and fall in air pressure over the past 24 hours.
- The numbers below represent the hour in which the reading was taken. Where "0h" is the current pressure level. "-3h" was the reading taken three hours ago, compared to current pressure.
- The bar chart will constantly scroll to avoid burnout of the LCD. This feature cannot be turned off.

## PRESSURE HISTORY

-24h -18h -12h -9h -6h -3h 0h
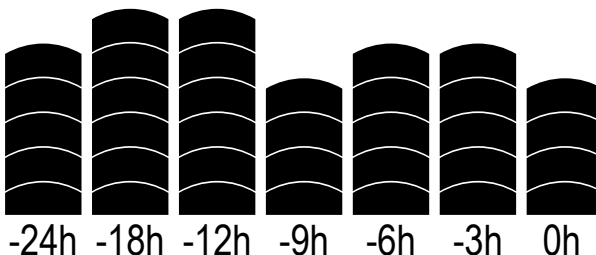
Programmable Pressure Number

- The relative air pressure number is programmable: 23.62 to 32.48 InHg (800 to 1100 hPa).
- If not manually programed, please allow 7-10 days for the station to acclimate to your location. After this time, you should begin to see accurate pressure graph readings automatically displayed on your station's screen.

Program Pressure Number:
1. Hold the PRESSURE button to set pressure number.
2. PRESSURE will show and Pressure Value will flash.
3. Press the + or - button to adjust the flashing pressure value.
4. Hold the + or - buttons to adjust quickly.
5. Press the PRESSURE button to confirm adjustments and exit.
6. Press the SEARCH button at any time to exit.
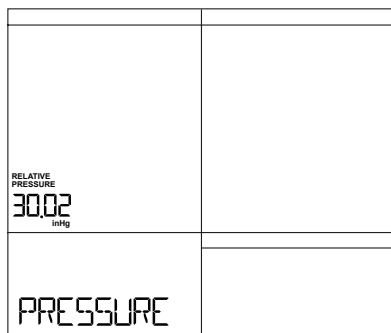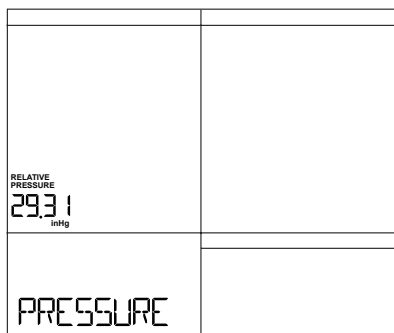
Select Pressure Units (inHg or hPa)

Inches of Mercury (inHg) is common in the USA.
- Press the PRESSURE button to toggle the pressure reading between Inches of Mercury and Hectopascals
- The letters, INHG or HPA will show for 3 seconds. Other readings will remain.
- Station will stay on measurement selected.
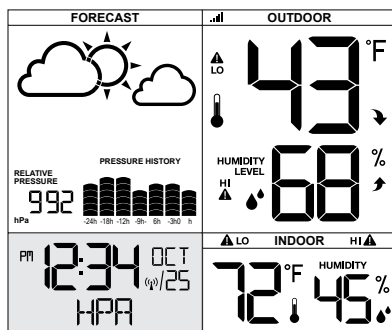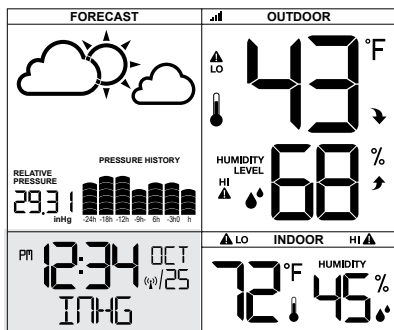
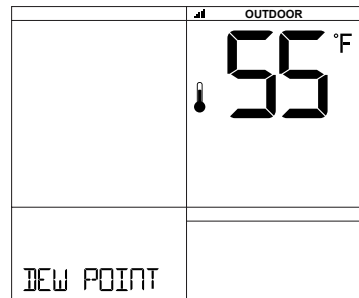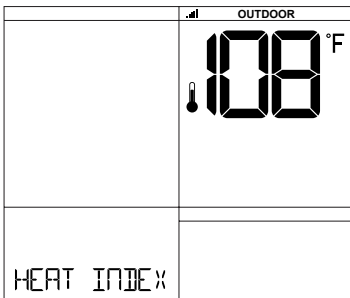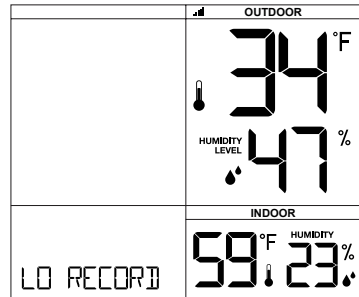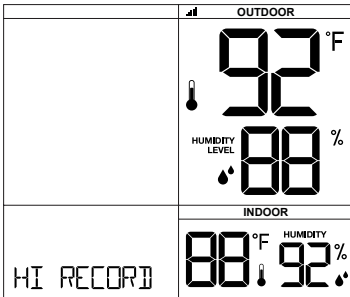# HI | LO Temperature | Humidity Records

All HI/LO temperature/humidity records reset automatically at 12:00 (midnight).

- Press the TEMP button once to view HI indoor and outdoor temperature/humidity records.
- Press the TEMP button a second time to view LO indoor and outdoor temperature/humidity records.
- Press the TEMP button a third time to view outdoor Heat Index.
- Press the TEMP button a fourth time to view outdoor Dew Point.
- Press the TEMP button again to return to normal display.

OUTDOOR 92°F HUMIDITY LEVEL 88% / INDOOR HI RECORD 88°F HUMIDITY 92%	OUTDOOR 34°F HUMIDITY LEVEL 47% / INDOOR LO RECORD 59°F HUMIDITY 23%
OUTDOOR 108°F / HEAT INDEX	OUTDOOR 55°F / DEW POINT

Trend Arrows

- The UP and DOWN arrows indicate changes in temperature and humidity over the past hour.
- They update every 15 minutes and compare data from exactly one hour prior.

Temperature: arrow changes every 2 degrees Fahrenheit.

Humidity: arrow changes every 3% RH

Set Weather Alerts

• Hold the ALERTS button to enter alert setting menu.

• Outdoor LO ALERT ON | OFF will flash.

Alert ON:
1. Press the + or - button to arm the alert.

2. When the alert is armed (ON) the alert value will flash

3. Press the + or - button to set the alert value (Hold to set quickly).

4. Press ALERTS button to move to next alert.

5. Press the SEARCH button at any time to exit.

Alert OFF:
1. Alerts are OFF unless armed. If you do not wish to set an alert, simply press the ALERTS button again to move to the next alert.

Alert Setting Order:

• Outdoor LOW Temperature ON/OFF
• Outdoor LOW Temperature Value -40°F-140°F (-40°C-60°C)
• Outdoor HIGH Temperature ON/OFF
• Outdoor HIGH Temperature Value -40°F-140°F (-40°C-60°C)

• Outdoor LOW Humidity ON/OFF
• Outdoor LOW Humidity Value 10%RH-99%RH
• Outdoor HIGH Humidity ON/OFF
• Outdoor HIGH Humidity Value 10%RH-99%RH

• Indoor LOW Temperature ON/OFF
• Indoor LOW Temperature Value 32°F-99°F (0°C-37°C)
• Indoor HIGH Temperature ON/OFF
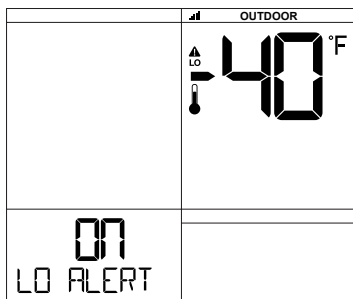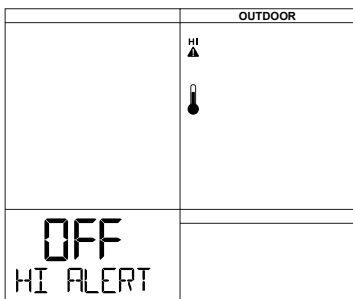• Indoor HIGH Temperature Value 32°F-99°F (0°C-37°C)

• Indoor LOW Humidity ON/OFF
• Indoor LOW Humidity Value 10%RH-99%RH
• Indoor HIGH Humidity ON/OFF
• Indoor HIGH Humidity Value 10%RH-99%RH
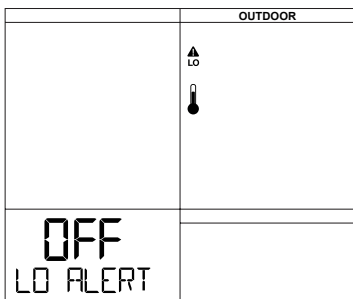
LO Alert OFF	LO Alert ON-Set flashing value
HI Alert OFF	HI Alert ON-Set flashing value
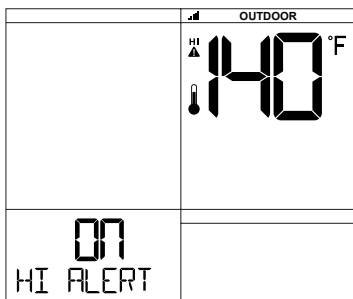
Active Alert ⚠️

- The alert icon will only show when the alert is active, and indicate HI or LO.

- When armed alert value is reached, station will beep 5 times, once each minute, until out of alert range.

- The flashing alert icon will indicate whether it is a LO or HI alert.

- Press any button to stop the temp/humidity alert sound.

- The alert icon will still flash while value is in alert range.

Disarm Alert:

1. Hold the ALERTS button to enter alert setting menu.

2. Press the ALERTS button until you see the alert you wish to disarm.

3. Press the + or - button to disarm the alert. The alert will not sound.

4. Press the SEARCH button to exit.

Sensor Search

- In normal mode hold the SEARCH button to search for sensor.
- The sensor reception icon will animate while searching for sensor.
- The icon will be solid when the sensor is connected.
- The station will search for missing sensor for 3 minutes every hour.
- If the signal is lost, station will display the LAST DATA recorded from the sensor for 10 minutes.
- After that 10 minutes if the signal does not come back dashes will show.

Position TX141TH-Bv2 Sensor

- To mount the sensor, use the hole at the top to either hang it from the back using a nail, or insert one mounting screw through the front
- Mount the TX141TH-Bv2 sensor on a north-facing wall or in any shaded area. Under an eave or deck rail is preferred.
- The maximum wireless transmission range to the weather station is over 330 feet (100 meters) in open air, not including walls or floors.
- Be sure the sensor is mounted vertically, to allow moisture to drain out properly.
- Watch sensor mounting video: http://bit.ly/TH_SensorMounting
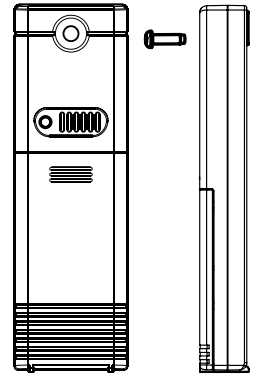
Position Weather Station

- Pull out the stand and place on a flat surface.
- Or use the three hanging holes on the back to mount on a wall.
- Choose a location 6 feet or more away from electronics such as cordless phones, gaming systems, televisions, microwaves, routers, etc.
- Place within range of the outdoor sensors (330 ft, 100m open air).
- Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range.

Low Battery Icon

- By indoor humidity; replace batteries in station.
- By outdoor temperature; replace batteries in the sensor.

Restart

A factory restart of the station returns it to default settings, and "out of the box" condition and may resolve connection issues.

1. Be sure there are fresh batteries in the sensor and station.

2. Hold the ALERTS and PRESSURE button together for 5 seconds to restart the station.

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Specifications

Indoor	
Temperature Range	32°F to 99°F (0°C to 37°C) •When above 99°F (37°C) temperature shows "HI"; •When below 32°F (0°C) temperature displays "LO".
Humidity Range	10% to 99% RH
Update Interval	About every 60 seconds
Relative Pressure Range	23.62 to 32.48 inHg (800 to 1100 hPa)
Update Interval	About every 12 minutes

Thermo-hygro Sensor	
Temperature Range	-40°F to 140°F (-40°C to 60°C) **Note:** When temperatures are colder than -22°F (30°C) it is recommended to use lithium batteries
Humidity Range	10% to 99% RH
Update Interval	About every 51 seconds
Transmission Range	over 330 feet (100 meters)

Power	
Weather Station	3 AA LR6, IEC batteries (not included)
TX141TH-Bv2 Sensor	2 AA LR6, IEC batteries (not included)

Battery Life	
Weather Station	over 12 months with reputable batteries
TX141TH-Bv2 Sensor	over 24 months with reputable batteries

Dimensions	
Weather Station	6.88" L x 1.33" W x 6.37" H (17.5cm L x 3.4cm W x 16.2cm H)
TX141TH-Bv2 Sensor	1.57" L x 0.79" W x 5.12" H (4.0cm L x 2.0cm W x 13.0cm H)

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 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 when it is not used for an extended period of time.

• Promptly remove expired batteries.

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 with questions or visit our online help:

Phone: 1-608-782-1610

Online Product Support and Registration:
www.lacrossetechnology.com/support

View full warranty details online at:
www.lacrossetechnology.com/warranty_info.pdf

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 equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter

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