

**CC**POCKET

C.CRANE

# INSTRUCTION MANUAL

Please read all the instructions completely before use  
and save this manual for future reference.



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## Owners Record

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### CAUTION

- Before turning the unit on, set your volume control to a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly without distortion.
- Long-term exposure to loud sounds may cause hearing damage.

It is best to avoid high volume levels when using headphones/earbuds, especially for extended periods.

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### FOR YOUR FUTURE REFERENCE:

Serial No. (Found inside battery compartment):

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Date of purchase/Name & address of dealer:

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### UNPACKING

The box should contain the CC Pocket Radio, earbuds, FM wire antenna, and this manual. If anything is missing or damaged please contact C. Crane immediately. We recommend you keep the box in the unlikely event your radio needs to be serviced.

## Introduction/Safety Instructions

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The CC Pocket radio uses the latest in digital chip technology along with our own techniques developed at C. Crane. It is able to bring in a weak FM station better than perhaps any other pocket radio. The button layout is easy to understand for basic use. It is different than other radios because some of the features can be changed by reading the manual and using multiple button presses to change them.

On AM, overload from a strong local station has been a problem since the dawn of radio. The CC Pocket may be able to shut out the offending station perhaps like no other radio you have owned.

If you have any question about your radio, please give us a call or check out: [ccrane.com](http://ccrane.com).

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### **READ BEFORE OPERATING EQUIPMENT. SAVE THESE INSTRUCTIONS.**

1. Read and understand all safety and operating instructions before the radio is operated.
2. **Heat:** Never put the radio in direct sunlight in an unventilated area or behind glass like a car's interior. The appliance should be away from heat sources such as radiators, heat registers, stoves, or other appliances that produce heat.
3. If the radio is left unattended and unused for long periods of time, remove the batteries. The batteries may leak and damage furniture or your radio.
4. The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

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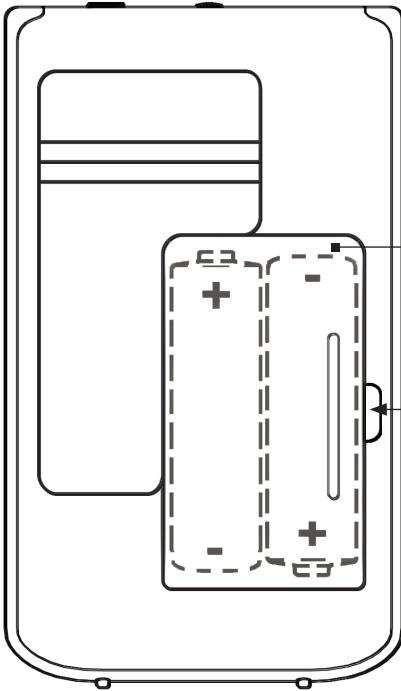
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## Getting Started

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### INSTALLING THE BATTERIES

1. Position the radio face down on a soft surface to protect it.
2. Remove the battery cover using your fingernail or small tool. Press and lift the area indicated below.

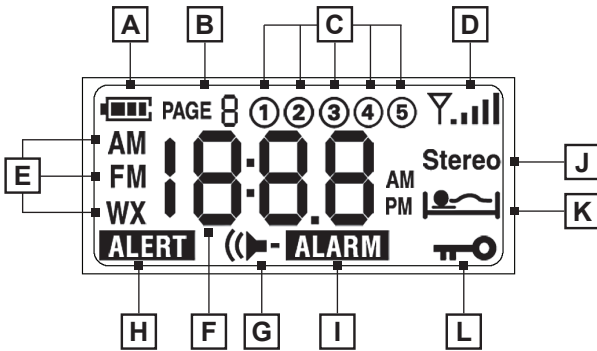


Insert two (2)  
“AA” Alkaline or  
Rechargeable  
(NiMH) batteries.  
**(Do not use  
Lithium batteries).**

To open battery  
compartment, push  
in direction of arrow  
and lift.

3. Insert the two (2) “AA” Alkaline or Rechargeable (NiMH) batteries into the compartment as indicated. **(Do not use Lithium batteries)**. Be sure the negative (-) end of each battery is against the spring.
4. Replace the battery cover. You are now ready to operate your radio.

## Display Screen Identification



- A. Battery Icon
- B. Page number (for station memories)
- C. Station memories 1 - 5
- D. Reception Signal Strength
- E. Band Indicator (AM, FM, Weather)
- F. Frequency/Time
- G. Speaker is Activated
- H. Alert is Activated
- I. Alarm is Activated
- J. Stereo FM Reception
- K. Sleep Timer is Activated
- L. Lock Switch is Activated (buttons are disabled)

## Radio Identification

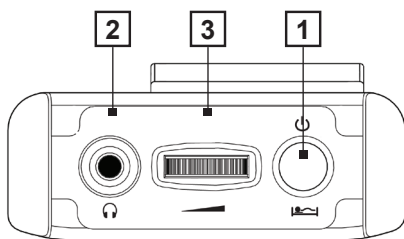
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### 1. POWER BUTTON / SLEEP TIMER

To turn the radio "ON" just press the red button. To use the Sleep Timer, press and hold the red button. The Sleep Timer will automatically

shut off the radio after the set amount of time expires.

The display will cycle through minutes 90, 60, 30, 15, 120, and OFF. Release the power button to activate the sleep setting you desire. The radio will remember your last Sleep Timer setting the next time you activate it.



TOP VIEW

### 2. EARPHONE JACK / EXTERNAL FM ANTENNA JACK

To listen using earphones, adjust the switch on the left side of the radio to "Stereo" or "Mono" position. When earphones are plugged in, they become an external antenna for FM, even when the side switch is in speaker mode. The included external FM wire antenna will also connect to this jack for even better reception in speaker mode.

### 3. VOLUME CONTROL

Rotate to adjust volume. The volume control uses a non-stop rotary dial which may require multiple turns to receive the desired volume level.

### 4. TUNING BUTTONS (SEE ILLUSTRATION PAGE 9)

Press once quickly to tune to the next frequency increment. Press and hold for 1-second to automatically tune to the next strong station. Hold continuously to cycle through the whole band.

## Radio Identification

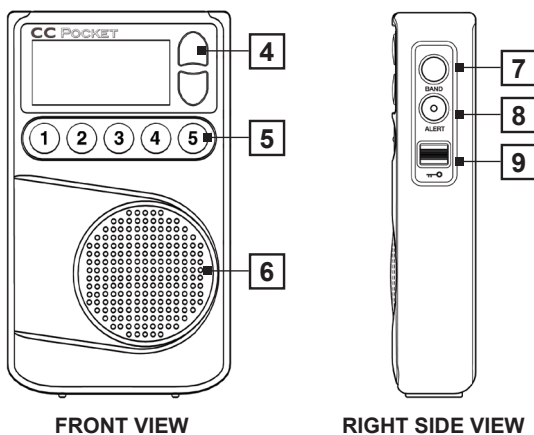
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### 5. STATION MEMORY BUTTONS 1-5 (SEE ILLUSTRATION PAGE 9)

Save your favorite stations to memory buttons. To save a station, press and hold any memory button for 2-seconds while the station is playing. To play a saved station, press the same button once quickly.

### 6. SPEAKER

To enable speaker, adjust the switch on the left side of the radio to the "Speaker" position. The Speaker icon will show on the display.



### 7. CHANGE BANDS AND MEMORY PAGES

Quickly press and release the BAND button to cycle between FM, AM, and Weather.

The BAND button can also be used to access station memory pages. This gives you 20 additional presets each for AM and FM. Press and hold the BAND button for 2 seconds to change page numbers, press any memory page button 1-5 to select the Page number that you desire. Each page can hold five additional station memories.

### 8. CHANGE DISPLAY / WEATHER ALERT BUTTON

While listening to the radio, press the ALERT button once to view the frequency or time. To activate the NOAA Weather Alert, press and hold this button for more than 3 seconds. Continue holding to select how long the alert will be activated for (4hr, 8hr, and 16hr). Release the button to make your selection. See page 14 for step by step instructions.

### 9. LOCK SWITCH

Slide the switch up to disable all buttons. Slide the switch down to enable all buttons.

### 10. EARPHONE / SPEAKER SWITCH

**STEREO (TOP POSITION):** This position is for listening to FM Stereo radio using headphones. While in this position, the speaker will be disabled. AM and WX bands will play normally.

**MONO (MIDDLE POSITION):** This position is for listening to FM Mono radio using headphones. Typically, FM Mono will have better reception than FM Stereo.

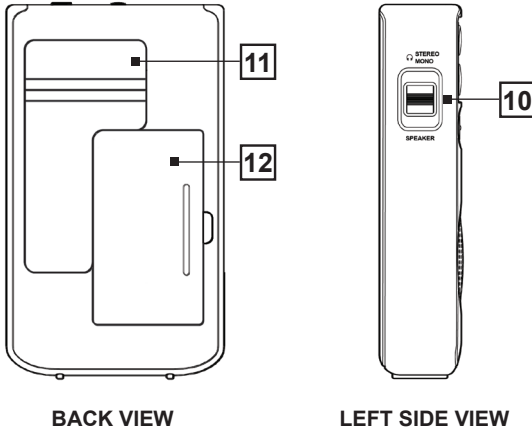
**SPEAKER (BOTTOM POSITION):** This position is for listening to AM, FM, or WX using the speaker. While in this position, the headphone jack will be disabled.

### 11. BELT CLIP

To remove the belt clip unscrew the two screws on the back of the clip.

### 12. BATTERY COMPARTMENT

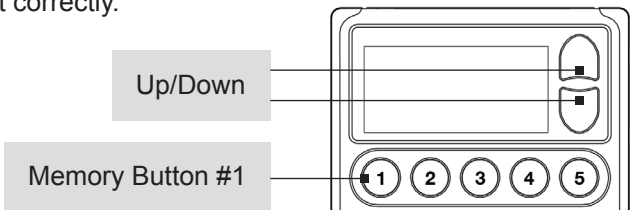
Requires two (2) "AA" Alkaline or Rechargeable (NiMH) batteries.



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### SETTING THE CLOCK

1. With the power OFF, press and hold memory button #1 for two seconds. Release.
2. While the Hour is flashing, press the Up or Down Tuning buttons until the hour and AM/PM time is correct.
3. Press and release memory button #1 to adjust the minutes. Cycle minutes using the Up or Down Tuning buttons.
4. Press and release memory button #1 again after the time is set correctly.

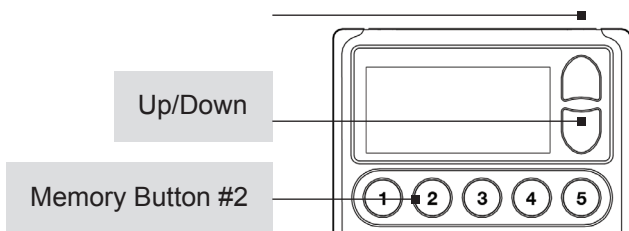


## Radio Setup

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### SETTING THE ALARM

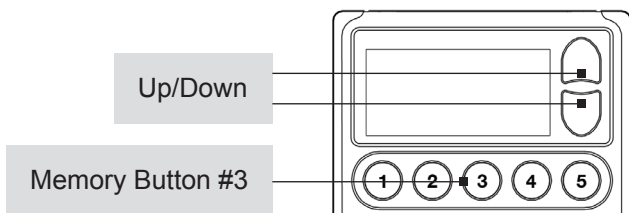
1. With the power OFF, press and hold memory button #2 for two seconds. Release.
2. While the Hour is flashing, press the Up or Down Tuning buttons until the hour and AM/PM time is correct.
3. Press and release memory button #2 to adjust the minutes. Cycle minutes using the Up or Down Tuning buttons.
4. Press and release memory button #2 again after the time is set correctly. When the alarm engages, it will beep for 2 minutes or until the Power button is pressed and released. To disable the alarm, with the power OFF, press and hold memory button #2 for two seconds.



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### DISABLE BEEP SOUND

1. With the power OFF, press and hold memory button #3 for two seconds. All beeps are disabled except ALARM and WX ALERT.
2. Repeat sequence to enable beep again.

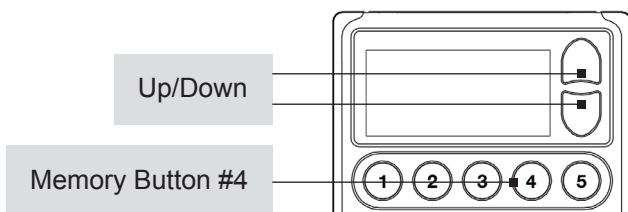


## Radio Setup

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### DESIGNATE FREQUENCY OR CLOCK WHILE LISTENING TO THE RADIO

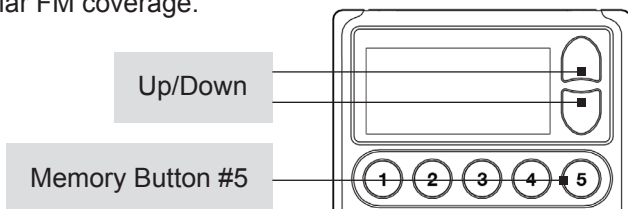
1. With the power OFF, press and hold memory button #4 for two seconds. “C” will appear on the screen indicating that the Clock will show while listening to radio.
2. Repeat sequence to display Frequency instead. “F” will appear on the screen to indicate that the Frequency will show when listening to the radio.



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### ACTIVATE 9 OR 10 KHZ AM TUNING (ALSO EXPANDS FM BAND)

1. With the power OFF, press and hold memory button #2 and #5 at the same time for 10 seconds to activate 9 kHz AM tuning mode. This will also expand the FM band from 76 MHz to 108 MHz.
2. Repeat sequence to switch back to 10 kHz AM tuning and regular FM coverage.



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### DISABLE DISPLAY SCREEN

Quickly press memory buttons #1 and #5 at the same time while listening to your desired AM station. **NOTE:** This is

## Radio Setup

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used to improve AM radio reception. Once activated, if any button is pressed, the display screen will turn “ON” again. To keep display OFF after disabling, we recommend setting the lock switch. See page 10.

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### ACTIVATE 1 KHZ AM TUNING STEPS

Quickly press memory buttons #1 and #4 at the same time while listening to your desired AM station. Press again to return to normal (10 kHz) tuning. **NOTE:** This setting can tune AM stations that are slightly off frequency for various reasons. Tuning 1 kHz higher or lower than the actual station frequency may help improve reception.

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### ACTIVATE NARROW AM FILTERS

There are 3 narrow AM filters. Quickly press memory buttons #1 and #3 at the same time while listening to your desired AM station for narrow tuning. Press again for wide tuning. Press once more to return to normal tuning. **NOTE:** These settings are helpful to eliminate unwanted noise or adjacent overlapping stations. Narrow AM (2.5 kHz) may work best for voice. The wide (6 kHz) tuning is best for music. The normal tuning (4 kHz) is usually good for both.

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### RESET TO FACTORY DEFAULTS

With power OFF, press and hold memory buttons #1 and #5 until you hear 4 beeps, a pause and two more beeps.

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### STEPS FOR SETTING, ACTIVATING AND DE-ACTIVATING THE WEATHER ALERT

1. Turn the radio on by pressing and releasing the red power button (on top of the radio).
2. Press and release the Band button (top button on right side of the radio) until WX shows on the display.

## Radio Setup

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3. Change the channel with the Up or Down tuning buttons until you hear your local NOAA Weather Broadcast.
4. Press and hold the Alert button (second button on the right side of the radio) until the desired hours of monitoring (4hr, 8hr or 16hr) are selected.

**NOTE:** While the weather alert is activated, AM and FM will be disabled until it is de-activated. The display light will flash once every few seconds to remind you that the NOAA Weather Alert is “ON”.

5. When NOAA issues a weather alert, the radio will continuously beep.
6. Press and release the Power Button to listen to the weather broadcast.
7. To de-activate the Weather Alert, press and hold the Alert button for 3 seconds.

## Troubleshooting Guide

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### **THE CC POCKET WILL NOT TURN ON AND NONE OF THE BUTTONS WORK:**

The Lock Switch, located on the right side of the radio under the ALERT button, is in the up position. Push the switch down to release the lock and resume normal operation of the radio. (Please see Lock Switch on page 10).

### **MY RADIO SHUTS OFF AFTER JUST A FEW SECONDS:**

Low batteries can cause this situation. Replace them with a new set of batteries.

## Troubleshooting Guide

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### **STATIONS WON'T HOLD IN MEMORY:**

The memory button settings are being overwritten. When recalling a station from memory, if you hold the memory button down too long it will program the current station over your previously stored station. To recall a station that has been stored in memory, always press and release the button quickly. To program a new station into memory, tune to the desired station and then press and hold the memory button for two seconds until you hear a beep.

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### **THE AM RECEPTION IS POOR:**

You may need to rotate your pocket radio until the reception is best. Many buildings that use brick, metal, or stucco can absorb or reflect the AM signal. Computers and other electronic equipment, including fluorescent lights, can cause noise that interferes with your AM reception. Move the radio to a different place to see if that helps. Additional noise may affect a weak signal. See page 14 (Activate Narrow AM Filters) for radio settings that may improve your AM reception.

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### **POOR RECEPTION ON FM AND WEATHER BAND:**

The CC Pocket can use its internal antenna, the included external wire antenna, or headphones as an antenna for FM and the Weather bands. To improve reception of these bands, try various orientations of the headphone or antenna wire to obtain the strongest signal.

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### **BATTERY POWER LEVEL INDICATOR DOESN'T SHOW FULL CHARGE WHEN USING RECHARGEABLE BATTERIES:**

Rechargeable batteries will not show a full charge on your radios display. The CC Pocket is calibrated to read the charge of your alkaline batteries, which is 1.5 volts at full charge.

## Troubleshooting Guide

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Rechargeable batteries, however, are fully charged at just 1.25 volts, and so your radio will show a partial charge even if the rechargeable batteries have been fully charged. We do not recommend using Lithium batteries in our products.

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### **MY RADIO IS STUCK ON THE WEATHER BAND AND I CAN'T CHANGE TO FM OR AM:**

The Weather Alert has been activated. Turn the Weather Alert off by holding the ALERT button for three seconds until "OFF" is displayed. See page 14. Then press and release the BAND button to change to FM or AM.

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### **MY RADIO WAS WORKING ON AM BUT NOW IT WILL NOT TUNE TO MY FAVORITE AM STATION CLEARLY:**

It is possible that the tuning step has been changed from 10 kHz (used in the US) to 9 kHz (used in other countries such as the UK) tuning. To change this back to 10 kHz, power off the radio then hold memory buttons #2 and #5 at the same time for 10 seconds until 10 is displayed. See page 13.

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### **THE RADIO IS TURNED ON BUT THERE IS NO AUDIO COMING FROM THE SPEAKER:**

Check the switch on the left side of the Earphone/Speaker Switch and make sure the switch is down and set to Speaker. If the switch was up, the radio was playing audio through the Earphone Jack. See page 10.

## Specifications

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### FREQUENCY COVERAGE:

FM Band: 87.5 - 108 MHz (Regular Mode).

FM Band: 76 - 108 MHz (Expanded Mode - See page 13).

AM Band: 520 - 1710 kHz.

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### WEATHER BAND:

Channel 1: 162.400 MHz

Channel 2: 162.425 MHz

Channel 3: 162.450 MHz

Channel 4: 162.475 MHz

Channel 5: 162.500 MHz

Channel 6: 162.525 MHz

Channel 7: 162.550 MHz

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### POWER SOURCE:

Batteries: (2) "AA" Alkaline or Rechargeable (NiMH). Do not use Lithium batteries.

**NOTE:** Lithium batteries can register at 1.8 volts. Using Lithium batteries that register higher than 1.6 volts can cause damage to the radio.

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### POWER CONSUMPTION:

30 -100 mA DC (depending on headphone or speaker usage).

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### AUDIO:

Speaker: 1.25", 8 Ohm, 0.5 Watts.

3.5mm Stereo headphone jack.

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### ANTENNA:

FM and Weather Band: Built-in antenna, External Wire Antenna, or Headphones/Earbuds.

AM Band: Built-in Ferrite Bar.

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## Specifications

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### **DIMENSIONS:**

2.5" W x 4.25" H x 0.9" D.

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### **WEIGHT:**

Approximately 3.5 ounces without batteries.

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### **WARRANTY:**

1-Year Limited Warranty.

**NOTE:** Specifications are subject to change without notice.

# MODEL: CCPOCKET

U.S. Patent D719,130 S

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 UNDESIRE OPERATION.

**NOTICE:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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