ACU▸RITE

Weather Alert Radio
models 08525 / 08535 / 08550W / 08551W / 08552W / 08553W

CONTENTS

Questions? Contact Customer Support at (877) 221-1252 or visit www.**AcuRite**.com.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

ACU▶RITE®

Congratulations on your new AcuRite product. To ensure the best possible product performance, please read this manual in its entirety and retain it for future reference.

Unpacking Instructions

Remove the protective film that is applied to the LCD screen prior to using this product. Locate the tab and peel off to remove.

Package Contents

1. Weather alert radio with removable belt clip
2. Power dock
3. AC power adapter
4. Instruction Manual

IMPORTANT
PRODUCT MUST BE REGISTERED TO RECEIVE WARRANTY SERVICE

PRODUCT REGISTRATION
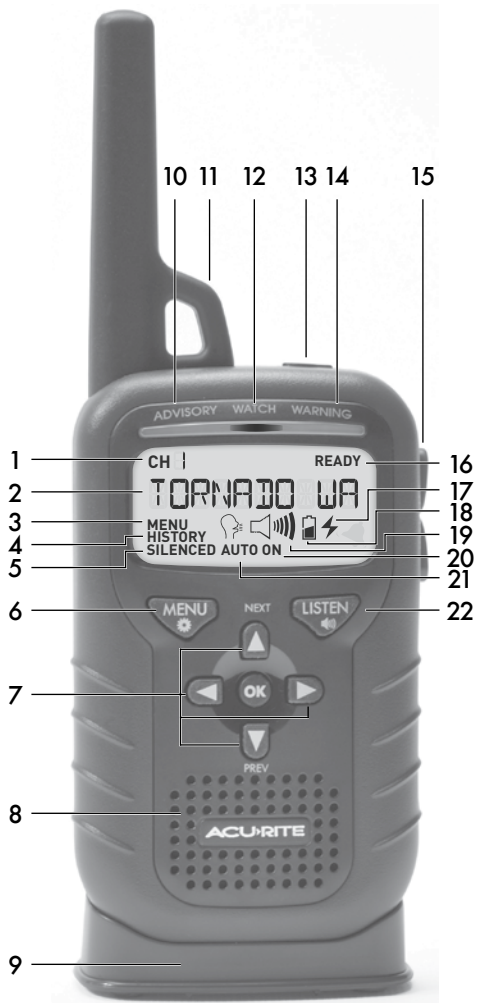Register online
to receive 1 year
warranty protection
www.**AcuRite**.com

SUPPORT
Support Forum
Archived Products
▶Register a Product

Features & Benefits

Weather Radio

1. **Current Channel**

2. **Alert Message Display Area**
   Displays alert type, alert issued, and menu text.

3. **Menu Mode Indicator**

4. **History Mode Indicator**
   Indicates previous alerts are being viewed.

5. **Listen Mode: Silenced**
   Radio WILL NOT alert for advisories or watches. Warnings cannot be silenced.

6. **Menu Button**

7. **Navigation Buttons**

8. **Speaker**

9. **Power Dock**

10. **Yellow Light: Advisory**

11. **Lanyard / Attachment Point**

12. **Orange Light: Watch**

13. **Headphone Jack**

14. **Red Light: Warning**

15. **Volume Control Buttons**

16. **Radio Ready Indicator**
    Indicates optimal channel reception.

17. **Docked Power Indicator**
    Indicates unit is securely docked; power contacts are connected.

18. **Low Battery Indicator**

19. **Volume Indicator**
    Indicates volume level; disabled when radio is silenced.

20. **Listen Mode: On**
    Listen to the weather report.

21. **Listen Mode: Auto**
    Radio alerts for all advisories, watches and warnings that it is programmed to receive.

22. **Listen Button**
    Toggles between SILENCED, AUTO & ON modes.

Install or Replace Batteries

AcuRite recommends high quality alkaline batteries for the best product performance. Heavy duty or rechargeable batteries are not recommended.

Batteries provide **backup power** in the event of a power outage. They provide **portable power** so you can take the radio with you for outdoor activities, such as ball games, hiking, skiing, boating, hunting, fishing, etc. You can also quickly take your radio with you to a safe location during an emergency.
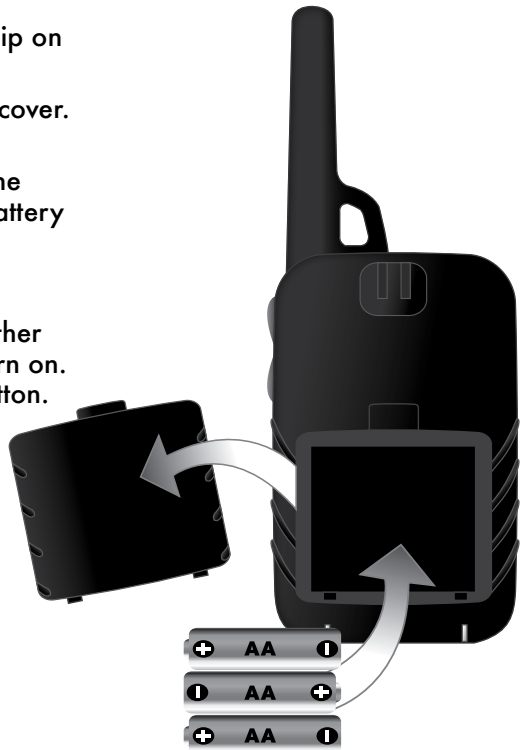
The power dock is the main power source for this weather radio. The radio is always "listening" for alerts, even when the audio speaker is silenced. This function requires substantial power and, as a result, the weather radio will last approximately 3 days on battery power alone.

THEN, SLIDE OFF

FIRST, RELEASE CLIP

Install Batteries

1. Release clip and slide off the clip on the back of the radio.

2. Slide off battery compartment cover.

3. Insert 3 x AA batteries into the battery compartment. Follow the polarity (+/-) diagram in the battery compartment.

4. Replace the battery cover.

After installing batteries, the weather report audio will automatically turn on. To silence, press the "LISTEN" button.

Power Dock

Plug-in the power dock as the main power source for the weather radio. Place the weather radio into the power dock and the "⚡" icon appears, indicating the radio is docked correctly.

NOTE: The weather radio and power dock do NOT contain charging circuits and will NOT charge or supply power to the batteries.

AC adapter

SILENCED
TORNADO WA
HISTORY
MENU   AUTO ON
MENU   NEXT   LISTEN
OK
PREV
ACU-RITE

"DOCKED" indicator

PLEASE DISPOSE OF OLD OR DEFECTIVE BATTERIES IN AN ENVIRONMENTALLY SAFE WAY AND IN ACCORDANCE WITH YOUR LOCAL LAWS AND REGULATIONS.
BATTERY SAFETY: Clean the battery contacts and also those of the device prior to battery installation. Remove batteries from equipment which is not to be used for an extended period of time. Follow the polarity (+/-) diagram in the battery compartment. Promptly remove dead batteries from the device. Dispose of used batteries properly. Only batteries of the same or equivalent type as recommended are to be used. DO NOT incinerate used batteries. DO NOT dispose of batteries in fire, as batteries may explode or leak. DO NOT mix old and new batteries or types of batteries (alkaline/standard). DO NOT use rechargeable batteries. DO NOT recharge non-rechargeable batteries. DO NOT short-circuit the supply terminals.

Quick Setup

Most basic preferences can be set with the Quick Setup process. To access Quick Setup, press the "MENU" button. The display will show "←SELECT→". Navigate right by pressing "▶". Press "OK" to enter into Quick Setup.

You can exit by pressing the "MENU" button.

Set the SAME # (FIPS Code)

Specific Area Message Encoding (SAME) ensures you only receive alerts intended for your specific area. The code is a six digit number that identifies your state and county/parish in the USA. The default selection for the code is "000000", which enables the radio to respond to all alerts. To receive alerts for your area only, enter your location's SAME#/FIPS code.

To find your SAME#/FIPS code, call the national weather service toll free at 1-888-NWS-SAME (1-888-697-7263) or visit the website below:

www.nws.noaa.gov/nwr/coverage/county_coverage.html

MY SAME #_____

To enter the code, press the "▲" or "▼" buttons to adjust the currently selected (flashing) digit. Press "◀" or "▶" buttons to select the digit you would like to adjust. Press "OK" to confirm your selection. The display will read "FIPS CODE SET".

Set the Channel

After the FIPS code is set you'll automatically move on to "CHANNEL SETUP - PRESS OK TO SCAN". Press "OK" and the radio scans for the strongest channel available. The display will read "SEARCHING".

After the scan is complete, the display will read "THE STRONGEST SIGNAL IS CHANNEL _". This is the channel that offers the best signal strength for your location.

Set the Time Zone

After channel is set you'll automatically move on to "ENTER TIMEZONE". To enter your time zone, press the "▲" or "▼" buttons to find your time zone. Press "OK" to confirm your selection.

Set the Daylight Saving Time (DST) Preference

After time zone is set you'll automatically move on to setting "DST". Press the "▲" or "▼" buttons to select "DST ON" or "DST OFF". Press "OK" to confirm your selection.

NOTE: If you live in an area that observes DST, DST should be set to ON.

Set the Time

After the DST preference is set you will automatically move on to "ENTER CURRENT TIME" setting. Press the "▲" or "▼" buttons to adjust the hour. Press the "▶ " button to set the minutes. Press the "▲" or "▼" buttons to adjust the minutes, then press the "▶ " button to set AM or PM. Press the "▲" or "▼" buttons to select "AM" or "PM". Press "OK" to confirm your selection.

NOTE: To receive correct starting and ending times of advisories, watches, and warnings the time MUST be set to the current time.

Set the Date

After the time is set you will automatically move on to the "EDIT DATE" setting. The display will read "MONTH 01". Press the "▲" or "▼" buttons to adjust the MONTH. Press "OK" to confirm your selection.

Next, set the DATE by pressing the "▲" or "▼" buttons. Press "OK" to confirm your selection.

Finally, set the YEAR by pressing the "▲" or "▼" buttons to adjust the first (flashing) digit, then press the "▶" button to move to the last digit. Press the "▲" or "▼" buttons to adjust the last digit of the current year, then press "OK" to confirm your selection.

Quick Setup is Complete

The display will read "SETUP COMPLETE" and will display the default clock screen.

Manual Setup

Advanced preferences can be set with the Manual Setup process. To access Manual Setup, press the "MENU" button. The display will show "←SELECT→". Navigate left by pressing "◀". Press "OK" to enter into Manual Setup. Use the "◀" or "▶" buttons to scroll through the following options: EDIT FIPS CODE, EDIT CHANNEL, EDIT TIME/DATE, EDIT ALERTS.

You can exit by pressing the "MENU" button.

Edit the SAME # (FIPS Code)

To edit the code, press the "▲" or "▼" buttons to adjust the currently selected (flashing) digit. Press "◀" or "▶" buttons to select the digit you would like to adjust. Press "OK" to confirm your selection. The display will read "ADD ANOTHER FIPS CODE". You can enter up to 10 codes.

Note: The SAME/FIPS code narrows the area from which you receive alerts. If none are entered you will receive alerts from anything within your local range.

Edit the Channel

To manually select a channel, when the display reads "EDIT CHANNEL" press the "▼" or "▲" buttons to select one of the 7 NOAA broadcast channels. Press "OK" to confirm your selection.

Edit Time & Date Preferences

To edit the time zone, DST preference, Time and/or Date, enter into the "EDIT TIME/DATE" menu. Use the navigation buttons to adjust each selection and press "OK" to confirm your selections.

Edit Alerts

Enter into the "EDIT ALERTS" menu to remove or add ADVISORY and WATCH alert messages. While each alert type scrolls across the display, press the "▼" button to turn the alert ON (bell icon 🔔 displayed) or OFF (no bell icon). The "Alert Descriptions" on page 11 provide additional details on the alerts available. Note: Warnings cannot be turned off or edited.

Placement Guidelines

Place the radio in a location you are most likely to hear the alert tone or see the alert indicator lights. It is critical to choose a location where the radio can receive the emergency alert signal broadcast. The radio and power dock are designed for tabletop placement on a level, dry surface away from moisture.

Keep the radio away from sources of electronic interference, such as computer monitors and TV's, other radios, motors, microwaves, etc.

The display reads "READY" when radio reception is optimal. Press the "LISTEN" button to verify your reception. If you do not have good reception, relocate the radio near a window and away from objects that may limit the radio signal.

TEST YOUR SIGNAL RECEPTION PRIOR TO RELYING ON THIS DEVICE IN AN EMERGENCY. Verify radio reception during the National Weather Service (NWS) Required Weekly Test (RWT). This test typically occurs every Wednesday between 11:00 AM and 12:00 PM (CT), when weather permits. The test consists of the RWT SAME code, a short tone and message explaining the test. If adverse weather prevents the test from being broadcast on Wed., it is postponed until the next day with good weather. If the test is not conducted by Friday, it is postponed until the following Wednesday. You can verify the test time with your local station.

Using the Weather Radio

Alerts

When an alert is issued by the NWS, the weather radio will sound an alert, a text readout of the alert type (advisory, watch or warning) will scroll across the display and the corresponding alert light will illuminate.

Press the "LISTEN" button to silence an alert. The radio will then enter silent mode and the display will read "SILENCED".

The weather alert radio will hold up to 4 messages in its memory at a time, in sequence of when they were received.

Alert History

To cycle through the last 4 alerts stored in the radio, press "▲" or "▼" when the default clock is displayed. The HISTORY Mode Indicator displays to confirm you are viewing previous alerts.

If no alerts have been received, "NO MESSAGES" will display.

Alert Text Scrolling Rate

To adjust the text alert scrolling speed: When the default clock is displayed press the "▶" button until "SCROLLING RATE _" is displayed. Press "▲" or "▼" to select a scrolling rate from 1 (slowest) to 3 (fastest). Press "OK" to confirm your selection.

Backlight

The backlight will automatically turn ON for several seconds when an alert is received or for every button press.

During power dock use, the backlight remains ON by default. To turn the backlight OFF, press AND HOLD the "OK" button. Repeat this step to turn the backlight back ON.

Troubleshooting

No power	• Verify AC power adapter is securely plugged into power dock. • Verify radio is securely docked in power dock. The "⚡" indicator confirms radio is being powered by the dock. • Verify you are using fresh batteries. If the radio is powered by batteries alone, battery life is approximately 3 days.
No sound	• Verify volume is adjusted up to an audible level. • If external speaker/headphones are plugged into the headphone jack the main speaker will NOT sound until external speaker/headphones are unplugged.
Static when LISTEN button is pressed	• Relocate the radio for better reception. If you are in a weak reception area, position radio near a window and as high up as possible for best reception. • Verify radio is set to correct channel for proper reception. You may need to change the channel (page 7). • Contact the National Weather Service to verify they are currently broadcasting.
Radio not responding to alerts	• Make sure you have programmed the correct SAME # (FIPS code) for your area. • Contact the NWS to make certain they are currently broadcasting.

If your AcuRite product does not operate properly after trying the troubleshooting steps, visit www.AcuRite.com or call (877) 221-1252 for assistance.

Alert Descriptions

NOAA Code	Default Setting	Alert Type	Alert Message
ADR	Off	Advisory	Administrative Message
AVA	Off	Watch	Avalanche Watch
AVW	On	Warning	Avalanche Warning
BHW	On	Warning	Biological Hazard Warning
BWW	On	Warning	Boil Water Warning
BZW	On	Warning	Blizzard Warning
CAE	Off	Advisory	Child Abduction Emergency
CDW	On	Warning	Civil Danger Warning
CEM	On	Warning	Civil Emergency Message
CFA	Off	Watch	Coastal Flood Watch
CFW	On	Warning	Coastal Flood Warning
CHW	On	Warning	Chemical Hazard Warning
CWW	On	Warning	Contaminated Water Warning
DBA	Off	Watch	Dam Watch
DBW	On	Warning	Dam Break Warning
DEW	On	Warning	Contagious Disease Warning
DMO	Off	Advisory	Practice Demo
DSW	On	Warning	Dust Storm Warning
EAN	On	Warning	Emergency Action Notification
EAT	On	Advisory	Emergency Action Termination
EQW	On	Warning	Earth Quake Warning
EVA	Off	Watch	Evacuation Watch
EVI	On	Warning	Immediate Evacuation
FCW	On	Warning	Food Contamination Warning
FFA	Off	Watch	Flash Flood Watch
FFS	Off	Advisory	Flash Flood Statement
FFW	On	Warning	Flash Flood Warning
FLA	Off	Watch	Flood Watch
FLS	Off	Advisory	Flood Statement
FLW	On	Warning	Flood Warning
FRW	On	Warning	Fire Warning
FSW	On	Warning	Flash Freeze Warning

NOAA Code	Default Setting	Alert Type	Alert Message
FZW	On	Warning	Freeze Warning
HLS	Off	Advisory	Hurricane Statement
HMW	On	Warning	Hazardous Material Warning
HUA	Off	Watch	Hurricane Watch
HUW	On	Warning	Hurricane Warning
HWA	Off	Watch	High Wind Watch
HWW	On	Warning	High Wind Warning
IBW	On	Warning	Iceberg Warning
IFW	On	Warning	Industrial Fire Warning
LAE	On	Advisory	Local Area Emergency
LEW	On	Warning	Law Enforcement Warning
LSW	On	Warning	Land Slide Warning
NAT	Off	Advisory	National Audible Test
NIC	Off	Advisory	National Information Center
NMN	Off	Advisory	Network Notification
NPT	Off	Advisory	National Periodic Test
NST	Off	Advisory	National Silent Test
NUW	On	Warning	Nuclear Power Plant Warning
POS	Off	Advisory	Power Outage Advisory
RHW	On	Warning	Radiological Hazard Warning
RMT	Off	Advisory	Required Monthly Test
RWT	On	Advisory	Required Weekly Test
SMW	On	Warning	Special Marine Warning
SPS	Off	Advisory	Special Weather Statement
SPW	On	Warning	Shelter In Place Warning
SVA	Off	Watch	Severe Thunderstorm Watch
SVR	On	Warning	Severe Thunderstorm Warning
SVS	Off	Advisory	Severe Weather Statement
TOA	Off	Watch	Tornado Watch
TOE	Off	Advisory	911 Telephone Outage Emergency
TOR	On	Warning	Tornado Warning
TRA	Off	Watch	Tropical Storm Watch
TRW	On	Warning	Tropical Storm Warning

NOAA Code	Default Setting	Alert Type	Alert Message
TSA	On	Watch	Tsunami Watch
TSW	On	Warning	Tsunami Warning
TXB	Off	Advisory	Transmitter Backup On
TXF	Off	Advisory	Transmitter Carrier Off
TXO	Off	Advisory	Transmitter Carrier On
TXP	Off	Advisory	Transmitter Primary On
VOW	On	Warning	Volcano Warning
WFA	Off	Watch	Wild Fire Watch
WFW	On	Warning	Wild Fire Warning
WSA	Off	Watch	Winter Storm Watch
WSW	On	Warning	Winter Storm Warning
??A	Off	Watch	Unrecognized Watch
??E	Off	Advisory	Unrecognized Emergency
??S	Off	Advisory	Unrecognized Statement
??W	On	Warning	Unrecognized Warning

Care & Maintenance

Clean with a soft, damp cloth. Do not use caustic cleaners or abrasives.

This product is NOT waterproof. To reduce the risk of fire, electric shock, or damage, do not expose to rain, moisture, or immerse in water. To reduce the risk of electric shock, DO NOT disassemble or modify this product. Take this product to the manufacturer when repair work is required. Opening the case of the radio or the power dock/adapter voids the warranty. This product contains NO user serviceable parts.

Specifications

POWER	3 x AA alkaline batteries (not included)
	AC power adapter (included)
	  Voltage: 4.5V; Current: 300mA
	  Standard: UL/CUL: E149533; CEC: Yes

CHANNELS	Digital PLL tuning for 7 NOAA channels: 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
WIRELESS RANGE	Up to 50 miles (80 km)
VOICE OUTPUT	77dB/1m (1 KHz)
SENSITIVITY	(-5dB)

FCC Information

This device complies with part 15 of 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 undesired operation.

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 the 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.

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.

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference, and

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

Customer Support

AcuRite customer support is committed to providing you with best-in-class service. **For assistance**, please have the model number of this product available and contact us in any of the following ways:

📞 (877) 221-1252   ✉ info@chaney-inst.com

24/7 support at www.**AcuRite**.com

► Installation Videos	► Register your Product
► Instruction Manuals	► Support User Forum
► Replacement Parts	► Submit Feedback & Ideas

IMPORTANT — PRODUCT MUST BE REGISTERED TO RECEIVE WARRANTY SERVICE

PRODUCT REGISTRATION
Register online
to receive 1 year
warranty protection
www.**AcuRite**.com

SUPPORT
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Limited One Year Warranty

At AcuRite, we proudly uphold our commitment to quality technology. Chaney Instrument Co. warrants that all products it manufactures to be of good material and workmanship, and to be free of defects when properly installed and operated for a period of one year from the date of purchase.

We recommend that you visit us at www.AcuRite.com for the fastest way to register your product. However, product registration does not eliminate the need to retain your original proof of purchase in order to obtain warranty benefits.

Chaney Instrument Co. warrants that all products it manufactures to be of good material and workmanship, and to be free of defects when properly installed and operated for a period of one year from the date of purchase. Remedy for breach of this warranty is limited to repair or replacement of the defective item(s). Any product which, under normal use and service, is proven to breach the warranty contained herein within ONE YEAR from date of sale will, upon examination by Chaney, and at its sole option, be repaired or replaced by Chaney. Transportation costs and charges for returned goods shall be paid for by the purchaser. Chaney hereby disclaims all responsibility for such transportation costs and charges. This warranty will not be breached, and Chaney will give no credit for products it manufactures which have received normal wear and tear, been damaged (including by acts of nature), tampered, abused, improperly installed, damaged in shipping, or repaired or altered by others than authorized representatives of Chaney.

The above-described warranty is expressly in lieu of all other warranties, express or implied, and all other warranties are hereby expressly disclaimed, including without limitation the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. Chaney expressly disclaims all liability for special, consequential or incidental damages, whether arising in tort or by contract from any breach of this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Chaney further disclaims all liability from personal injury relating to its products to the extent permitted by law. By acceptance of any of Chaney's products, the purchaser assumes all liability for the consequences arising from their use or misuse. No person, firm or corporation is authorized to assume for Chaney any other liability in connection with the sale of its products. Furthermore, no person, firm or corporation is authorized to modify or waive the terms of this paragraph, and the preceding paragraph, unless done in writing and signed by a duly authorized agent of Chaney. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For in-warranty claims: Chaney Instrument Co.
965 Wells St., Lake Geneva, WI 53147

ACU▸RITE®

| Weather Stations | Temperature & Humidity | Weather Alert Radio | Kitchen Thermometers & Timers | Clocks |

It's more than accurate, it's ACU▸RITE.

AcuRite offers an extensive assortment of precision instruments, designed to provide you with information you can depend on to Plan your day with confidence™.

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