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> VOKSUN Weather Station with Outdoor Sensor - Model 3378YC User Manual

VOKSUN 3378YC

VOKSUN Weather Station with Outdoor Sensor - Model 3378YC User Manual

Brand: VOKSUN | Model: 3378YC

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your VOKSUN Wireless Digital Color Display Weather Station, Model 3378YC. This device offers comprehensive weather data, including indoor/outdoor temperature and humidity, weather forecasts, moon phases, and more, all displayed on a clear 7.5-inch LCD screen.

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1 x VOKSUN Weather Station (Main Unit)
- 1 x Wireless Outdoor Sensor
- 1 x AC/DC Power Adapter
- 1 x User Manual



Image: The VOKSUN Weather Station main unit and its wireless outdoor sensor.

Your browser does not support the video tag.

Video: An overview of the VOKSUN Weather Station, demonstrating its features and included components.

3. PRODUCT FEATURES

- **7.5-inch Color VA LCD Display:** The weather station features an advanced 7.5-inch VA LCD screen, providing clear and easy-to-read weather data from various angles and lighting conditions.

MULTIFUNCTION WEATHER STATION



Image: The weather station's display showing temperature, humidity, weather forecast, and other data.

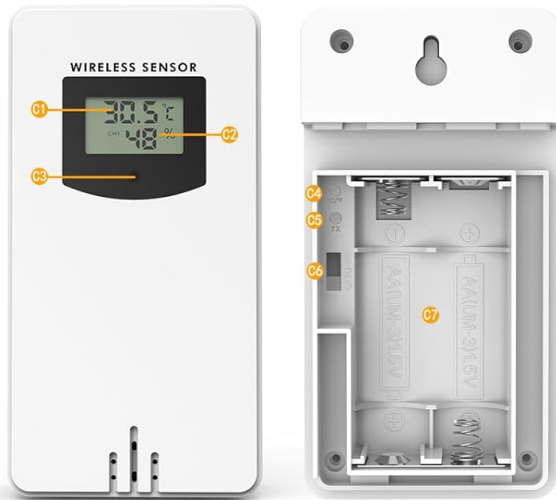
- **Wireless Outdoor Sensor with 60m Range:** The included wireless sensor transmits outdoor temperature and humidity data to the main unit. It supports up to three sensors simultaneously (additional sensors sold separately) with a transmission range of up to 60 meters (200 feet).



PERMET DE SYNCHRONISER JUSQU'À 3 CAPTEURS EXTÉRIEURS 
Portée de transmission 60M/200FT

Image: Illustration of multiple outdoor sensors wirelessly connected to the main weather station unit.

- **Dual Power Modes:** The main unit can be powered by the included AC/DC adapter or by AA batteries (not included), ensuring continuous operation. It also features a USB port for charging other devices.



Part C –Wireless Remote Sensor:

- C1:LCD display - Temperature
- C2:LCD display - Humidity
- C3:Transmit signal LED
- C4: “°C/°F” button
- C5: “TX” button
- C6: “CHANNEL 1 or 2 or 3” switch
- C7:Battery compartment

200FT/60M WIRELESS RANGE

Max 3 Channel For Different Areas



Image: The weather station can be powered by an AC adapter or AA batteries.

- **High Precision Measurements & Alarm Function:** Equipped with intelligent sensors for accurate indoor and outdoor temperature and humidity monitoring. Temperature range: Indoor -9.9°C to +50°C (14.2°F to 122°F), Outdoor -40°C to +70°C (-40°F to 158°F). Humidity range: 20% to 95%. An alarm function alerts you to extreme conditions.
- **Comprehensive Data Display:** Displays indoor/outdoor temperature and humidity, 12-hour weather forecasts, sunrise/sunset times, current time and date, moon phases, atmospheric pressure, tides, and comfort/mold alerts.

HORLOGE AUTOMATIQUE AVEC RCC & DCF

L'horloge de la station météo se synchronise automatiquement avec le signal de l'horloge radio, ce qui garantit qu'elle affiche toujours l'heure la plus précise. La fonction RCC automatique vous dispense de remettre l'horloge à l'heure pendant l'heure d'été. Il vous suffit de sélectionner votre fuseau horaire (-2 à +2) et l'horloge s'occupe du reste.



Image: The weather station displaying detailed weather information and time.

- **Radio Controlled Clock (RCC) Function:** Automatically synchronizes time with the DCF signal, ensuring accurate timekeeping and automatic adjustment for Daylight Saving Time.

Radio Controlled Clock Function(RCC)

Support DCF and DST(Daylight Saving Time),
the clock automatically synchronizes the time at 1:00 / 2:00 / 3:00,
or within 7 minutes after restarting the weather station.



Image: The weather station receiving the DCF radio signal for accurate time synchronization.

4. SETUP INSTRUCTIONS

4.1. Powering the Main Unit

1. **Using AC/DC Adapter:** Connect the provided AC/DC adapter to the power socket (B12) on the back of the main unit and plug it into a wall outlet. The display will light up.
2. **Using AA Batteries (Backup):** Open the battery compartment (B4) on the back of the main unit and insert 3 x AA batteries (not included), observing polarity. The display will briefly light up. Note: When powered by batteries only, the backlight will only illuminate temporarily when a button is pressed.

4.2. Powering the Wireless Outdoor Sensor

1. Open the battery compartment (C7) on the back of the outdoor sensor.
2. Insert 2 x AA batteries (not included), observing polarity. The sensor's LCD display (C1) will show temperature and humidity.
3. Select a channel (1, 2, or 3) using the channel switch (C6) inside the battery compartment. If using multiple sensors, ensure each uses a different channel.
4. Close the battery compartment.



Image: The wireless outdoor sensor with its battery compartment open, showing battery insertion and channel selection.

4.3. Pairing the Sensor with the Main Unit

1. Place the outdoor sensor near the main unit.
2. Once both units are powered, the main unit will automatically search for the outdoor sensor signal. The outdoor temperature and humidity will appear on the main unit's display (A9, A11). This may take a few minutes.
3. If the main unit does not receive the signal, press and hold the "▼" button (B6) on the main unit for 3 seconds to manually initiate a search. You can also press the "TX" button (C5) on the outdoor sensor to send a signal.

4.4. Initial Time and Date Setting

1. The weather station will attempt to synchronize with the DCF radio signal automatically. This process can take several hours, especially during initial setup.
2. To manually set the time and date, refer to the "Operating Instructions" section.

5. OPERATING INSTRUCTIONS

5.1. Display Overview

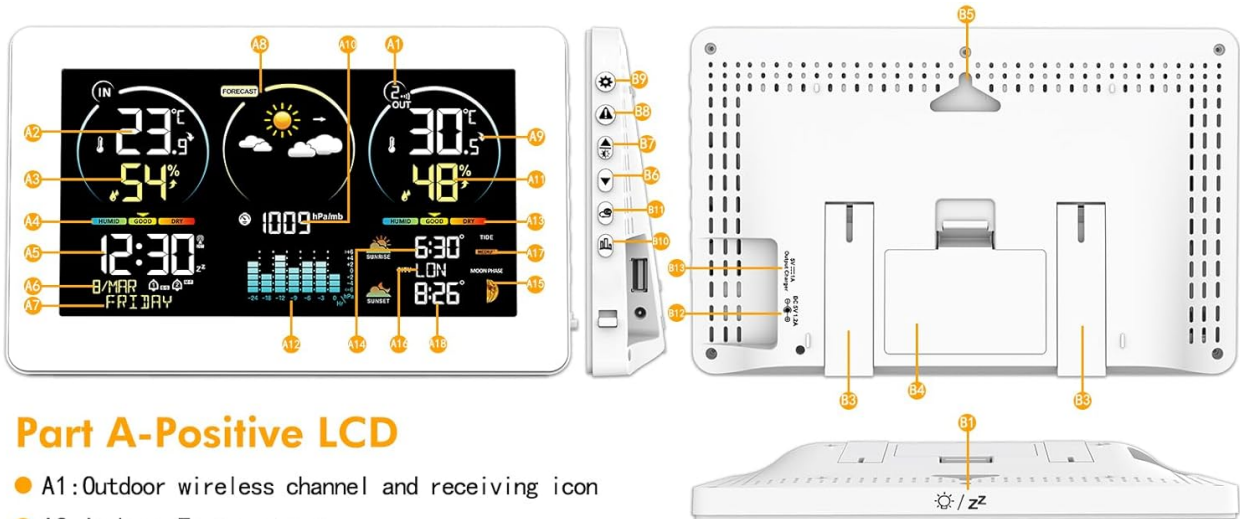


Image: Detailed view of the main unit's display, indicating various data points.

The display is divided into several zones:

- **Indoor Data (A2, A3, A4):** Indoor temperature, humidity, and comfort indicator.
- **Weather Forecast (A8):** 12-hour weather prediction.
- **Outdoor Data (A9, A11, A13):** Outdoor temperature, humidity, and comfort indicator.
- **Time & Date (A5, A6, A7):** Current time, month, date, and day of the week.
- **Barometric Pressure (A10, A12):** Current atmospheric pressure and historical trends.
- **Astronomical Data (A14, A15, A16, A17, A18):** Sunrise/sunset times, moon phase, selected city, and tide level.

5.2. Button Functions



Part A-Positive LCD

- A1: Outdoor wireless channel and receiving icon
- A2: Indoor Temperature
- A3: Indoor Humidity
- A4: Indoor comfort indicator
- A5: Time
- A6: Month and date
- A7: Week
- A8: Weather forecast
- A9: Outdoor Temperature
- A10: Atmospheric pressure
- A11: Outdoor Humidity
- A12: Histogram of historical pressure trends
- A13: Outdoor comfort indicator
- A14: Sunrise time
- A15: Moon phase
- A16: Selected city
- A17: Tide level
- A18: Sunset time

Part B-Back button and power

- B1: "☀ / zZ" Touch field
- B3: Support frame
- B4: Battery compartment
- B5: Hanging hole
- B6: "▼" Button
- B7: "▲ / ⚙" Button
- B8: "▲" Button
- B9: "⚙" Button
- B10: "📶" Button
- B11: "🔊" Button
- B12: Power supply socket
- B13: USB charger output socket

Image: Rear view of the weather station with labeled buttons for control.

- " / zZ" Touch Field (B1): Activates backlight/snooze function.
- "▼" Button (B6): Decreases values, manually searches for sensor signal.
- "▲ / ⚙" Button (B7): Increases values, switches temperature units (°C/°F).
- "⚙" Button (B9): Enters/exits setting mode.
- "🔊" Button (B11): Sets alarm.

- **"" Button (B10):** Displays historical pressure trends.
- **"" Button (B11):** Selects city for sunrise/sunset times.

5.3. Setting Time, Date, and City

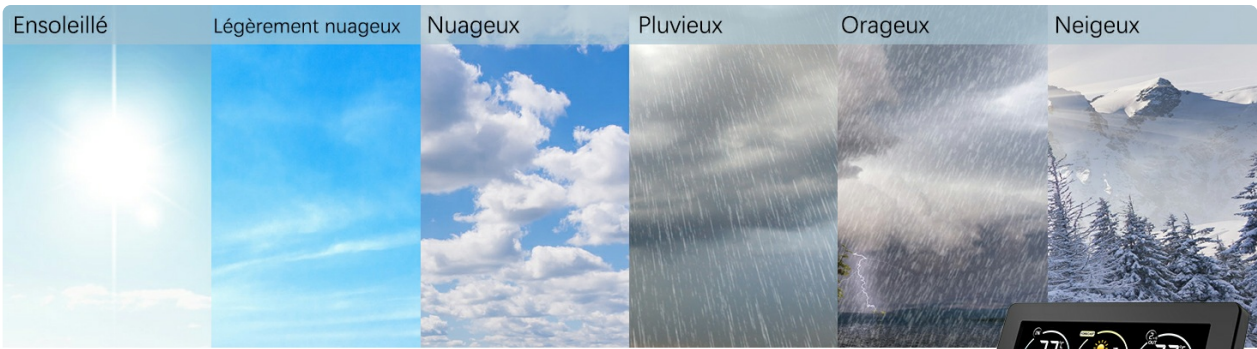
1. Press and hold the "" button (B8) for 3 seconds to enter time setting mode. The hour digit will flash.
2. Use the "▲/" (B7) and "▼" (B6) buttons to adjust the value.
3. Press "" (B8) to confirm and move to the next setting (minute, year, month, day, 12/24-hour format, time zone).
4. To set your city for accurate sunrise/sunset times, press the "" button (B11). Use "▲/" and "▼" to select your city code. Refer to the manual's appendix for a list of city codes.



Image: The display during city selection, which influences sunrise/sunset times and moon phases.

5.4. Weather Forecast

The weather station provides a 12-hour weather forecast based on atmospheric pressure changes. The icons displayed (sunny, partly cloudy, cloudy, rainy, stormy, snowy) are predictions and may not always match current conditions. Use these forecasts as a guide and cross-reference with local weather reports.



PRÉVISIONS MÉTÉOROLOGIQUES ET BAROMÉTRIQUES À 12H

Les prévisions de la station météorologique sont basées sur l'analyse des changements de pression atmosphérique. Utilisez les prévisions quotidiennes et les conditions réelles observées à la maison pour comprendre les conditions météorologiques futures et fournir des références météorologiques pour vous permettre de planifier un voyage avec votre famille dans les 12H.



Image: Various weather icons representing different forecast conditions.

5.5. Comfort Indicator

The comfort indicator (A4, A13) displays the current indoor and outdoor comfort levels based on temperature and humidity. This helps you maintain an optimal environment.

Comfort Level Guide

Humidity Range	Comfort Level
1-35% RH	Dry
35-44% RH	Dry
45-65% RH	Comfort
66-80% RH	Wet
80-99% RH	Too Wet

COMFORT DISPLAY

Convenient reading of the comfort index.

1. Humidity 1-35%RH To Dry
2. Humidity 35-44%RH Dry
3. Humidity 45-65%RH COMFORT
4. Humidity 66-80%RH WET
5. Humidity 80-99%RH To WET



1-2	DRY
3	GOOD
4-5	HUMID



Image: The comfort indicator on the display, showing categories like Humid, Good, and Dry.

5.6. Alarm and Snooze Function

1. Press the "" button (B9) to view the alarm time.
2. Press and hold "" (B9) for 3 seconds to enter alarm setting mode. Use "▲/" (B7) and "▼" (B6) to set the alarm time.
3. Press "" (B9) to activate/deactivate the alarm.
4. When the alarm sounds, press the "/zz" touch field (B1) to activate the snooze function (5-60 minutes). The alarm will sound again after the snooze interval.
5. To stop the alarm, press any other button.



Image: The weather station acting as an alarm clock on a bedside table.

6. MAINTENANCE

- **Cleaning:** Wipe the display and unit surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the main unit and outdoor sensor when the low battery indicator appears on the display. Ensure correct polarity.
- **Placement:** Place the outdoor sensor in a shaded area, protected from direct sunlight and rain, to ensure accurate readings. Avoid placing it near heat sources or metal objects.

7. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
No outdoor temperature/humidity displayed.	Sensor not paired or out of range.	Ensure sensor batteries are fresh. Press and hold "▼" on main unit for 3 seconds to search. Press "TX" on sensor. Move sensor closer to main unit.
Incorrect temperature/humidity readings.	Sensor exposed to direct sunlight/rain or near heat source.	Relocate the outdoor sensor to a shaded, protected area.
Display is dim or blank.	Low batteries or power adapter issue.	Replace batteries in main unit. Check AC/DC adapter connection.
Time is incorrect.	DCF signal not received or manual setting needed.	Ensure the unit is in an area with good signal reception. Manually set time if DCF signal is consistently unavailable.
"LL.L" or "HH.H" displayed.	Temperature/humidity is outside the measurable range.	This indicates the reading is below the minimum or above the maximum range. The device is functioning correctly.

8. SPECIFICATIONS

VOKSUN Weather Station 3378YC

Feature	Detail
Model	3378YC
Brand	VOKSUN
Display Type	Color LCD
Power Source (Main Unit)	AC/DC Adapter or 3 x AA Batteries (not included)
Power Source (Outdoor Sensor)	2 x AA Batteries (not included)
Connectivity Technology	Wireless
Indoor Temperature Range	-9.9°C to +50°C (14.2°F to 122°F)
Outdoor Temperature Range	-40°C to +70°C (-40°F to 158°F)
Humidity Range	20% to 95% RH
Temperature Accuracy	±1°C
Wireless Transmission Range	Up to 60 meters (200 feet) in open air
Supported Sensors	Up to 3 wireless outdoor sensors
UPC	774300101834

9. WARRANTY AND SUPPORT

VOKSUN products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or contact VOKSUN customer support.

If you encounter any issues or have questions regarding your VOKSUN Weather Station, please contact our customer support team through the retailer's platform or the contact information provided on the VOKSUN official website. Please have your model number (3378YC) and purchase details ready when contacting support.