VOKSUN 3378QX

VOKSUN Wireless Weather Station User Manual

Model: 3378QX

INTRODUCTION

This user manual provides detailed instructions for the setup, operation, and maintenance of your VOKSUN Wireless Weather Station. This device is designed to provide accurate indoor and outdoor temperature and humidity readings, weather forecasts, time, date, and other useful meteorological data. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

Figure 1: VOKSUN Wireless Weather Station Main Unit

The main unit features a large, colorful LCD display showing indoor and outdoor temperature and humidity, weather forecast icons, time, date, moon phase, and atmospheric pressure trends. Its sleek design with a wooden-like frame makes it suitable for various indoor environments.

PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all components are present:

- 1 x VOKSUN Wireless Weather Station Main Unit
- 1 x Wireless Outdoor Sensor
- 1 x DC5V Power Adapter
- 1 x Instruction Manual

Figure 2: Package Contents

This image displays all items included in the product packaging: the weather station, its external sensor, the power adapter, and the user manual, ready for setup.

PRODUCT FEATURES

The VOKSUN Wireless Weather Station offers a comprehensive set of features for monitoring your environment:

- **Multi-function Display:** Provides indoor and outdoor temperature, humidity, time, date, moon phase, and weather forecasts.
- **Large LCD Screen:** Features a bright, color display for clear readability, even from a distance or at night, with adjustable backlight.
- **Automatic Time Synchronization:** Synchronizes time and date automatically via DCF radio waves.
- **Dual Alarm Clock:** Supports two alarm settings with a snooze function, configurable for weekdays and weekends.
- **Wireless Outdoor Sensor:** Monitors ambient temperature and humidity, supporting up to three wireless sensors simultaneously with a transmission range of up to 60 meters (200 feet) in open areas.
- **Dual Power Modes:** The main unit can be powered by a DC5V adapter or batteries (not included). The outdoor sensor is battery-powered only.
- **Comfort and Mold Risk Indicator:** Displays a comfort index and alerts for potential mold risk based on humidity levels.
- **Atmospheric Pressure and Tide Phase:** Shows current atmospheric pressure and moon tide phases.
- **Sunrise and Sunset Times:** Displays sunrise and sunset times based on location settings.
- **Frost Warning:** Alerts you to freezing temperatures outdoors.

Figure 3: Multifunction Weather Station Overview

This graphic highlights the extensive capabilities of the weather station, from basic temperature and humidity monitoring to advanced features like moon phases and customizable alarms.

Setup Guide

1. Powering the Devices

Main Unit: The weather station main unit can be powered by either the included DC5V power adapter or 2 x AA batteries (not included). For continuous display illumination, it is recommended to use the power adapter. If using batteries, the display will automatically turn off after approximately 15 seconds to conserve power.

Outdoor Sensor: The wireless outdoor sensor requires 2 x AA batteries (not included) for operation. Ensure batteries are inserted with correct polarity.

Figure 4: Power Supply Methods

This image illustrates how to power both the main weather station unit using either the DC adapter or AA batteries, and the external sensor

2. Sensor Pairing

Once both the main unit and the outdoor sensor are powered, they will automatically attempt to pair. Place the sensor within range of the main unit. The main unit can support up to three external sensors. If you have multiple sensors, ensure each is set to a different channel (CH1, CH2, CH3) using the switch inside the sensor's battery compartment.

Figure 5: Wireless Sensor Range and Multi-Channel Support

3. Initial Time and Date Synchronization (DCF)

The weather station automatically synchronizes its time and date via DCF radio waves. After powering on, the unit will search for the DCF signal. This process may take up to 7 minutes. Ensure the unit is placed in an area with good signal reception, away from electronic interference.

If automatic synchronization fails or you wish to set the time manually, refer to the "Operating" section for manual time setting instructions.

OPERATING INSTRUCTIONS

1. Understanding the Display

The large LCD screen provides a wealth of information at a glance:

- **Indoor/Outdoor Temperature & Humidity:** Clearly displayed with current readings and trend indicators.
- **Weather Forecast:** Icons representing sunny, partly cloudy, cloudy, rainy, stormy, and snowy conditions.
- **Time & Date:** Current time, day of the week, and date.
- **Moon Phase:** Displays the current phase of the moon.
- **Atmospheric Pressure:** Shows current pressure and a 12-hour history graph.
- **Comfort Index:** An indicator (e.g., happy face) showing indoor comfort levels based on temperature and humidity.
- **Sunrise/Sunset Times:** Calculated based on your configured location.
- **Alarms:** Indicators for active alarms.

Figure 6: Weather Forecast and Moon Phases Display

This image provides a clear visual guide to the weather forecast icons and the various moon phase displays available on the unit.

Figure 7: Comfort Display

This close-up highlights the comfort index and mold risk indicator, providing quick visual feedback on indoor air quality.

2. Setting Time and Date Manually

If DCF synchronization is not desired or available, you can set the time and date manually. Refer to the specific buttons on your device (usually "MODE", "SET", "+", "-") and follow the sequence in the full printed manual for detailed steps.

3. Setting Alarms

The weather station supports two independent alarms. To set an alarm, typically press the "ALARM" or "MODE" button until the alarm time flashes, then use the "+" and "-" buttons to adjust the hour and minute. Confirm with "SET" or "ALARM" again. You can usually set alarms for specific days (e.g., Mon-Fri, Sat-Sun, or daily).

4. Adjusting Backlight

The display backlight can be adjusted for brightness. Look for a "LIGHT" or "SNOOZE/LIGHT" button on the unit to cycle through brightness levels or activate the backlight temporarily when running on battery power.

5. Placement Options

The main unit can be placed on a desk using its integrated stand or mounted on a wall using the keyhole slot on the back.

Figure 8: Versatile Placement Options

The weather station is designed for flexible placement, either standing on a flat surface or securely mounted on a wall.

MAINTENANCE

- **Battery Replacement:** Replace batteries in both the main unit (if used) and the outdoor sensor when the low battery indicator appears on the display. Always replace all batteries at once with new ones of the same type.
- **Cleaning:** Clean the display and casing with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the surface.
- **Sensor Placement:** The outdoor sensor is not waterproof. Place it in a sheltered location, protected from direct rain and sunlight, to ensure accurate readings and prolong its lifespan.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No outdoor temperature/humidity reading.	Sensor not paired. Batteries in sensor are low or dead. Sensor too far from main unit or obstructions. Sensor channel not matching.	Re-pair sensor by pressing the reset button on both units. Replace sensor batteries. Move sensor closer to the main unit or reduce obstructions. Ensure sensor channel switch matches the main unit's setting.
Time/Date incorrect or not synchronizing.	Poor DCF signal reception. Incorrect time zone setting.	Relocate the main unit to an area with better signal. Manually set time and date if automatic synchronization is not reliable. Check and adjust time zone settings.
Display is dim or blank.	Batteries are low or dead (if running on battery). Power adapter not connected properly.	Replace batteries. Ensure power adapter is securely plugged in. If on battery, press the backlight button to illuminate.
Inaccurate weather forecast.	Weather station needs time to learn local pressure patterns. Initial pressure setting incorrect.	Allow 7-14 days for the station to calibrate. Ensure initial atmospheric pressure is set correctly based on local weather reports.

SPECIFICATIONS

Feature	Detail
Brand	VOKSUN
Model Number	3378QX
Color	Brown
Main Unit Dimensions	Approx. 22.7 x 15.1 x 7.7 cm
Main Unit Weight	Approx. 612 grams
Power Supply (Main Unit)	DC5V Adapter (included) or 2 x AA Batteries (not included)
Power Supply (Outdoor Sensor)	2 x AA Batteries (not included)
Wireless Transmission Range	Up to 60 meters (200 feet) in open area
Supported Sensors	Max 3 wireless outdoor sensors

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or visit the official VOKSUN website. Keep your purchase receipt as proof of purchase for warranty claims.