

Acctim 16183

Acctim Neige Weather Station Projection Alarm Clock

Model: 16183 - User Manual

1. INTRODUCTION

Thank you for purchasing the Acctim Neige Weather Station Projection Alarm Clock. This device combines a precise time display with comprehensive weather monitoring capabilities, including indoor and outdoor temperature, barometric trend, and weather forecasting. It also features a convenient projection function for time and outdoor temperature, and an alarm with snooze. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its features.

2. PACKAGE CONTENTS

- Acctim Neige Weather Station Projection Alarm Clock Main Unit
- Wireless Outdoor Temperature Sensor
- USB Power Cable (90cm)
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the main unit and its components.



Figure 3.1: Main Unit Front View. This image shows the front of the Acctim Neige Weather Station Projection Alarm Clock. The large LCD screen displays the indoor and outdoor temperature, humidity, weather forecast icons, current time, date, and moon phase. Above the screen, the brand name "acctim" is visible. To the right, a red digital time (10:23) and a cloud icon are projected onto a surface, indicating the projection feature.



Figure 3.2: Main Unit Angled View. This image provides an angled perspective of the Acctim Neige Weather Station. It highlights the projection arm extending from the right side, which projects the time and weather icon. The top of the unit features a red "SNOOZE / LIGHT" button, and the side of the projection arm has "ON/OFF" and "180°" buttons for controlling the projection. The main display shows

similar information as Figure 3.1.



Figure 3.3: Wireless Outdoor Temperature Sensor. This image displays the compact, rectangular wireless outdoor temperature sensor. It is light-colored with a black display showing "20.5°C" and "433 MHz REMOTE SENSOR". The sensor is shown mounted on a brick wall, indicating its intended outdoor placement.

3.1. Buttons and Controls

Button/Control	Function
MODE / SET	Press to cycle through display modes (Time, Alarm). Hold to enter setting mode.
MAX / MIN	Press to view maximum/minimum temperature/humidity records. In setting mode, adjusts values.
DIMMER	Adjusts the brightness of the main display.
ALARM	Activates/deactivates the alarm. In setting mode, adjusts values.
SNOOZE / LIGHT	Activates snooze during alarm. Briefly illuminates the display.
PROJECTION ON/OFF	Turns the projection feature on or off.
PROJECTION 180°	Rotates the projected image by 180 degrees.

4. SETUP

4.1. Powering the Main Unit

The main unit can be powered by either batteries or the included USB cable.

1. **Battery Power:** Insert 2 x AA batteries (not included) into the battery compartment located on the back of the unit, observing the correct polarity (+/-).

2. **USB Power:** Connect the supplied USB cable to the USB port on the main unit and plug the other end into a compatible USB power adapter (not included) or a powered USB port. Using USB power ensures continuous display brightness and projection.

Note: When using battery power only, the display may dim to conserve energy, and the projection feature might be limited or require manual activation.

4.2. Installing the Outdoor Sensor

The wireless outdoor sensor transmits temperature data to the main unit.

1. Open the battery compartment on the back of the outdoor sensor.
2. Insert 2 x AAA batteries (not included), ensuring correct polarity.
3. Close the battery compartment securely.
4. Place the sensor outdoors in a shaded area, protected from direct sunlight and rain, to ensure accurate temperature readings. Avoid placing it near heat sources or reflective surfaces.
5. The main unit should automatically connect to the outdoor sensor within a few minutes. If not, refer to the "Troubleshooting" section.

5. OPERATING INSTRUCTIONS

5.1. Setting Time and Date

1. Hold the **MODE / SET** button for approximately 3 seconds to enter time setting mode. The hour digits will flash.
2. Use the **MAX / MIN** or **ALARM** buttons to adjust the hour.
3. Press **MODE / SET** again to confirm the hour and move to minute setting.
4. Repeat step 2 and 3 for minutes, year, month, and day.
5. Press **MODE / SET** one last time to exit setting mode.

5.2. Setting the Alarm

1. Press the **MODE / SET** button repeatedly until "ALARM" is displayed.
2. Hold the **MODE / SET** button for approximately 3 seconds. The alarm hour digits will flash.
3. Use the **MAX / MIN** or **ALARM** buttons to adjust the alarm hour.
4. Press **MODE / SET** to confirm and move to minute setting.
5. Adjust minutes using **MAX / MIN** or **ALARM**.
6. Press **MODE / SET** to exit alarm setting.
7. To activate/deactivate the alarm, press the **ALARM** button briefly when the alarm time is displayed. An alarm icon will appear/disappear on the screen.

5.3. Using the Snooze Function

When the alarm sounds, press the **SNOOZE / LIGHT** button to activate the snooze function. The alarm will temporarily stop and sound again after approximately 5-10 minutes. To stop the alarm completely, press any other button.

5.4. Weather Forecast

The weather station predicts weather conditions for the next 6-12 hours based on barometric pressure changes. The forecast is displayed using intuitive icons (e.g., sunny, partly cloudy, cloudy, rainy). This is a prediction and may not always perfectly match current conditions.

5.5. Projection Feature

The projection feature allows you to project the current time and outdoor temperature onto a wall or ceiling.

- To turn the projection on/off, use the **PROJECTION ON/OFF** button on the side of the projection arm.
- To rotate the projected image by 180 degrees, press the **PROJECTION 180°** button.
- Adjust the angle of the projection arm manually to direct the image as desired.

5.6. Display Brightness Control

Press the **DIMMER** button repeatedly to cycle through different brightness levels for the main display. This allows for comfortable viewing in various lighting conditions.

5.7. Viewing MAX/MIN Records

Press the **MAX / MIN** button to view the maximum and minimum recorded indoor and outdoor temperatures and humidity levels since the last reset. Press again to cycle through the records.

6. MAINTENANCE

- **Cleaning:** Wipe the unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the main unit and the outdoor sensor when the low battery indicator appears on the display. Ensure correct polarity.
- **Placement:** Ensure the outdoor sensor remains in a shaded, protected location for accurate readings and longevity.
- **Storage:** If storing the unit for an extended period, remove all batteries to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit.	No power or low batteries.	Ensure USB cable is connected or replace batteries (2 x AA).
Outdoor temperature not displayed or incorrect.	Sensor not paired, out of range, or low battery.	• Replace batteries in outdoor sensor (2 x AAA). • Move sensor closer to the main unit. • Ensure no major obstructions between sensor and main unit. • Re-pair: Remove batteries from both units, wait 1 minute, insert batteries into sensor first, then main unit.
Projection is dim or not visible.	Unit on battery power, projection off, or room too bright.	• Connect unit to USB power for optimal projection. • Ensure PROJECTION ON/OFF button is set to ON. • Use in a darker room for better visibility.
Weather forecast seems inaccurate.	Forecast is a prediction, not real-time.	The weather station predicts for the next 6-12 hours based on barometric pressure. It may not always align with immediate local conditions or official forecasts. Allow time for the unit to calibrate.

8. SPECIFICATIONS

Feature	Detail
Model Number	16183

Feature	Detail
Dimensions (H x W x L)	9 x 14.3 x 5 cm
Weight	0.164 Kg
Main Unit Power	2 x AA batteries (not included) or USB power (cable included)
Outdoor Sensor Power	2 x AAA batteries (not included)
Material	Plastic
Temperature Accuracy	±1 °C
Connectivity	Wireless (433 MHz for sensor), USB
Special Features	Weather forecast, Barometric trend, Indoor/Outdoor temperature, Moon phase, Calendar, Projection, Alarm with snooze, Display brightness control.

9. WARRANTY AND SUPPORT

Acctim products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the warranty card included with your purchase or visit the official Acctim website.

Acctim Official Website: www.acctim.com (Please note: This is a placeholder URL. Refer to your product packaging or official brand information for the correct support contact.)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question