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AcuRite 13040CA

AcuRite Intelli-Time Digital Alarm Clock

Model: 13040CA
Brand: AcuRite

Introduction

Welcome to your new AcuRite Intelli-Time Digital Alarm Clock. This manual provides detailed instructions for the setup, operation, and maintenance of your model 13040CA clock. Designed for convenience and accuracy, this clock features an illuminated color display, indoor temperature and humidity monitoring, and a built-in USB charging port. Please read this manual thoroughly before using your device.

Package Contents

Ensure all items listed below are present in your package:

- AcuRite Intelli-Time Digital Alarm Clock (Model 13040CA)
- Power Adapter
- Pre-installed Button Cell Battery (for Intelli-Time backup)
- Instruction Manual

Features

The AcuRite Intelli-Time Digital Alarm Clock is equipped with several key features:

- **Intelli-Time Technology:** Pre-programmed with the correct time and date, automatically adjusts for Daylight Saving Time, and maintains time during power outages.
- **Vibrant Color Display:** Shows time, date, day of the week, indoor temperature, indoor humidity, and moon phase.
- **Integrated USB Charging Port:** (1.5A) Conveniently charge compatible smartphones and other 5V electronic devices.
- **Alarm Clock with Snooze:** Simple to set alarm with a gradual volume increase for a peaceful wake-up.
- **Auto-Dimming Display:** Automatically adjusts display brightness for optimal viewing day and night.
- **Indoor Temperature & Humidity Monitoring:** Provides current indoor environmental conditions.
- **Moon Phase Icon:** Displays the current moon phase.



The AcuRite Intelli-Time Digital Alarm Clock, model 13040CA, featuring its vibrant color display and integrated USB charging capability for mobile devices.



Key features of the AcuRite Intelli-Time clock, including Intelli-Time Technology, indoor temperature and humidity display, home comfort icon, day of the week calendar, and moon phase icon.



Additional features highlighted: gradual volume increase for alarms, USB charging port, vibrant color display, and eco-friendly auto-dimming functionality.

Setup

Powering the Unit

Connect the power adapter to the DC 5V port on the back of the clock and then plug the adapter into a standard electrical outlet. The Intelli-Time technology will automatically set the time and date upon initial power-up.

Battery Backup

A pre-installed button cell battery (CR2032) provides backup for the Intelli-Time feature, preserving time and alarm settings during power outages. No user action is required for this feature during normal operation.

Initial Time Zone and Date Adjustment

While the clock sets itself, you may need to adjust the time zone or other settings:

1. Press and hold the **SET** button (located on the back) for 3 seconds to enter setup mode. The first setting will begin to flash.
2. Use the **UP** or **DOWN** arrows (also on the back) to adjust the currently flashing setting.
3. Press **SET** to confirm your selection and move to the next setting.
4. The settings order is typically: Time Zone, DST (Daylight Saving Time) ON/OFF, Hour, Minute, Year, Month, Day, Temperature Units (°F/°C), Humidity Units (%/OK).

5. To exit setup mode, press the **SET** button repeatedly until no settings are flashing, or simply wait 10 seconds for the clock to automatically exit.



Rear view of the AcuRite clock, detailing the USB charging port, DC power input, and control buttons for setup and alarm.

Operating Instructions

Setting the Alarm

1. Press and hold the **ALARM** button (on the back) for 3 seconds. The alarm hour will begin to flash.
2. Use the **UP** or **DOWN** arrows to adjust the alarm hour.
3. Press **ALARM** to confirm the hour and move to the alarm minute.
4. Use the **UP** or **DOWN** arrows to adjust the alarm minute.
5. Press **ALARM** or wait 10 seconds to exit alarm setting mode.

To turn the alarm ON or OFF, press the **ALARM** button once. An alarm icon will appear on the display when the alarm is active.

Snooze Function

When the alarm sounds, press the large **SNOOZE** button located on the top of the clock to temporarily silence the alarm for 9 minutes. The alarm will sound again after the snooze period.

Adjusting Display Brightness

The display has multiple brightness levels for optimal viewing in various lighting conditions:

- Press the **UP** or **DOWN** arrows (on the back) to cycle through the available brightness settings.
- The clock also features an auto-dimming mode, which automatically reduces the display brightness between 9 PM and 7 AM for comfortable night-time viewing.

USB Charging Port

Connect your compatible USB device (e.g., smartphone, tablet) to the USB charging port on the back of the clock using your device's USB cable. The port provides a 1.5A output for efficient charging.



A clear view of the clock display showing the time, date, indoor temperature, and humidity.



Another example of the clock display, illustrating its readability and comprehensive information at a glance.



The AcuRite clock positioned on a bedside table, demonstrating its compact size and the convenience of its integrated USB charging port for a smartphone.



A magnified view of the clock's display, emphasizing the clear presentation of indoor temperature and humidity readings.



The AcuRite clock in a bedroom setting, illustrating its suitability as a bedside alarm clock.

Maintenance

Cleaning

Clean the clock with a soft, damp cloth. Do not use abrasive cleaners or chemicals, as these may damage the display or casing.

Battery Replacement (Intelli-Time Backup)

The pre-installed CR2032 button cell battery provides backup for the Intelli-Time feature. If the clock consistently loses time or alarm settings during power outages after extended use, the battery may need replacement:

1. Locate the battery compartment on the back of the unit.
2. Remove the cover and carefully replace the CR2032 battery, ensuring correct polarity (+/-).
3. Replace the battery compartment cover securely.

Troubleshooting

If you experience issues with your AcuRite Intelli-Time Digital Alarm Clock, please refer to the table below for common problems and solutions:

Problem	Solution

Problem	Solution
No display / Blank screen	Ensure the power adapter is securely plugged into the clock and a working electrical outlet. Try plugging another device into the outlet to confirm it has power.
Incorrect time or date	Verify the time zone setting is correct. If recently moved or after a prolonged power outage, manually adjust time/date using the SET button as described in the Setup section.
Alarm not sounding	Ensure the alarm is turned ON (the alarm icon should be visible on the display). Check that the alarm time is set correctly.
USB charging not working	Ensure the clock is powered by the AC adapter (USB charging does not work on battery backup). Check the USB cable and the device being charged for proper connection and functionality.
Display too dim or too bright	Adjust the brightness using the UP/DOWN arrows. Remember the auto-dimming feature will automatically reduce brightness between 9 PM and 7 AM.
Inaccurate temperature/humidity	Ensure the clock is placed away from direct sunlight, heat sources (like lamps or vents), or drafts that could affect readings. Allow at least 20 minutes for readings to stabilize after initial setup or relocation.

Specifications

- **Model:** 13040CA
- **Display Type:** Digital Color LCD
- **Power Source:** 5V DC Power Adapter
- **Battery Backup:** 1 x CR2032 Button Cell (pre-installed)
- **USB Charging Output:** 1.5A
- **Indoor Temperature Range:** 32°F to 122°F (0°C to 50°C)
- **Indoor Humidity Range:** 1% to 99% RH
- **Dimensions (H x W x D):** Approximately 3.1 in. x 5.4 in. x 1.5 in.
- **Weight:** Approximately 11.2 ounces

Warranty and Support

Limited One-Year Warranty

This AcuRite product is backed by a one-year limited warranty. For full warranty details, terms, and conditions, please refer to the warranty information provided with your product or visit the official AcuRite website.

Customer Support

For further assistance, troubleshooting, or to register your product, please visit the AcuRite support website at www.acurite.com/support or contact AcuRite Customer Service directly. Contact information can typically be found on the support website.

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