

GOLDEN BLUE AP01

GOLDEN BLUE AP01 Digital Thermohygrometer Electronic Clock User Manual

1. INTRODUCTION

Thank you for choosing the GOLDEN BLUE AP01 Digital Thermohygrometer Electronic Clock. This device is designed to provide accurate real-time measurements of indoor temperature and humidity, along with essential clock and alarm functions. Please read this manual carefully to ensure proper use and optimal performance of your device.

2. PRODUCT OVERVIEW

2.1 Key Features

- Real-time temperature and humidity display.
- 24-hour clock system with hourly reporting function.
- Alarm clock with snooze function.
- Date display with week indication.
- Environmental climate comfort reminder (Dry, Comfortable, Humid).
- High-definition LCD screen for clear readability.

2.2 Package Contents

- GOLDEN BLUE AP01 Digital Thermohygrometer Electronic Clock
- User Manual

2.3 Device Layout

Familiarize yourself with the various parts of your AP01 device:

ANENG® Parameter information

PRODUCT PARAMETERS



- 1 Real-time temperature 2 Real-time humidity 3 Comfort 4 Real-time clock
- 5 Tips on the hour 6 Alarm clock on 7 Calendar shows 8 weeks
- 9 Long press the switch power supply/single press the switch on the hour prompt/lower the value when setting /snooze for 5 minutes;
- 10 In the alarm clock mode, the alarm clock can be switched on and off/set to adjust the value/turn off the alarm clock;
- 11 Single press to switch clock/alarm mode; set to confirm button;
Long press in alarm mode to set the alarm time;
In clock mode, long press to enter the settings: clock/calendar/week interface
- 12 Wall hanging hole 13 Shrink support frame 14 Battery cabin cover
- 16 Charging indicator light: red light charging/green light fully charged

Image 1: Front and back view of the AP01 device with numbered components. This diagram illustrates the location of buttons, sensors, and other features for easy identification.

1. Real-time temperature display
2. Real-time humidity display
3. Comfort level indicator
4. Real-time clock display
5. Hourly report indicator
6. Alarm clock indicator
7. Calendar display
8. Week display
9. Power switch / Setting button (Long press to switch power, single press to adjust value/confirm)
10. Alarm clock mode button (Switch alarm on/off, adjust value, turn off alarm)
11. Mode switch / Confirm button (Single press to switch clock/alarm mode, long press to enter settings)
12. Wall hanging hole
13. Shrink support frame
14. Battery cabin cover
15. Charging indicator light (Red: charging, Green: fully charged)

3. SETUP

3.1 Battery Installation

The AP01 operates on battery power. To install or replace batteries:

1. Locate the battery cabin cover (14) on the back of the device.
2. Open the cover.
3. Insert the required batteries, ensuring correct polarity (+/-).
4. Close the battery cabin cover securely.

3.2 Initial Power On

After battery installation, the device should power on automatically. If not, long press the power switch (9) to turn it on.

3.3 Time and Date Setting

To set the time and date:

1. In clock mode, long press the Mode switch / Confirm button (11) to enter the settings interface (clock/calendar/week).
2. Use the Power switch / Setting button (9) to adjust the value (e.g., hour, minute, year, month, day).
3. Press the Mode switch / Confirm button (11) to confirm the setting and move to the next parameter.
4. Repeat until all parameters are set. The device will automatically exit setting mode after a period of inactivity or after setting the last parameter.

4. OPERATING INSTRUCTIONS

4.1 Display Information

The high-definition LCD screen displays various information simultaneously:



Image 2: The main display of the AP01 showing current temperature, humidity percentage, time, date, and the comfort level indicator at the bottom.

- **Temperature:** Shown in degrees Celsius or Fahrenheit (user selectable, refer to settings).
- **Humidity:** Displayed as a percentage (%).
- **Time:** Current time in 24-hour format.
- **Date & Week:** Current date and day of the week.
- **Comfort Level:** Indicates environmental comfort as Dry, Comfortable, or Humid.

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Real-time detection

Real-time monitoring of ambient temperature and humidity. Temperature status prompt



Image 3: The AP01 device highlighting its real-time detection capabilities for temperature, humidity, date, and alarm status.

4.2 Temperature and Humidity Monitoring

The device continuously monitors and displays the ambient temperature and humidity. Readings are updated every 10 seconds.

- **Temperature Range:** -10°C to 50°C (14°F to 122°F). Readings below -10°C will show 'LLL', and above 50°C will show 'HHH'.
- **Humidity Range:** 10% to 99% RH.

4.3 Alarm Clock Function

To set and use the alarm clock:

1. Single press the Mode switch / Confirm button (11) to switch to alarm clock mode. The alarm time will be displayed.
2. Long press the Alarm clock mode button (10) to enter alarm setting.
3. Use the Power switch / Setting button (9) to adjust the alarm hour and minute.
4. Press the Alarm clock mode button (10) to confirm each setting.
5. To turn the alarm on or off, single press the Alarm clock mode button (10) while in alarm mode. An alarm icon will appear/disappear on the display.
6. When the alarm sounds, press any button to activate the 5-minute snooze function. To turn off the alarm completely, press the Alarm clock mode button (10) during the alarm sound.

4.4 Hourly Report Function

The device can be set to provide an hourly audio report.



Image 4: The AP01 device illustrating the hourly report function and the physical back hanging hole for wall mounting.

- To turn the hourly report on or off, single press the Power switch / Setting button (9) while in clock mode. An icon (e.g., a bell or speaker) will indicate if the hourly report is active.

4.5 Comfort Level Indicator

The device provides a visual indicator for environmental comfort based on temperature and humidity levels:

- **DRY:** Indicates low humidity.
- **COMFORT:** Indicates optimal temperature and humidity levels.
- **WET:** Indicates high humidity.

5. MAINTENANCE

5.1 Cleaning

To clean the device, wipe it gently with a soft, dry cloth. Do not use abrasive cleaners, solvents, or

immerse the device in water.

5.2 Battery Replacement

When the display becomes dim or the device functions erratically, it is time to replace the batteries. Follow the instructions in Section 3.1.

5.3 Storage

If the device will not be used for an extended period, remove the batteries to prevent leakage and store it in a cool, dry place.

6. TROUBLESHOOTING

- **No display or dim display:**
 - Check battery installation and polarity.
 - Replace batteries if they are low.
- **Incorrect temperature/humidity readings:**
 - Ensure the device is not placed near heat sources, direct sunlight, or in areas with extreme drafts.
 - Allow the device to stabilize for 15-30 minutes after initial setup or relocation.
- **Alarm not sounding:**
 - Verify that the alarm function is enabled (alarm icon visible on display).
 - Check alarm time settings.
- **'LLL' or 'HHH' displayed for temperature:**
 - The temperature is outside the measurable range (-10°C to 50°C). Move the device to an environment within this range.

7. SPECIFICATIONS

7.1 Technical Specifications

Working Temperature	0°C to 50°C (32°F to 122°F)
Display Screen	LCD Display
Temperature Measurement Range	-10°C to 50°C (14°F to 122°F)
Temperature Measurement Error	±1°C
Humidity Measurement Range	10% to 99% RH
Humidity Measurement Error	±5% RH (40%~80%), ±8% RH (other ranges)
Detection Cycle	10 seconds
Power Source	Battery

7.2 Dimensions

The physical dimensions of the AP01 device are as follows:

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Image 5: The AP01 device with its dimensions clearly marked: 7cm (2.78 inches) in height, 8.7cm (3.45 inches) in width, and 2cm (0.86 inches) in depth.

- **Height:** 7 cm (2.78 inches)
- **Width:** 8.7 cm (3.45 inches)
- **Depth:** 2 cm (0.86 inches)

8. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer.

For technical support, troubleshooting assistance, or inquiries regarding your GOLDEN BLUE AP01 device, please contact the seller or refer to the official GOLDEN BLUE website for further resources.