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## EMOS E0114

# EMOS Digital Thermometer and Hygrometer

MODEL: E0114 USER MANUAL

## 1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your EMOS E0114 Digital Thermometer and Hygrometer. This device accurately measures indoor temperature and humidity, and also functions as a quartz clock with an alarm, snooze feature, and date display. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

## 2. Safety Information

- Keep the device away from extreme temperatures, direct sunlight, and high humidity.
- Do not expose the device to water or other liquids.
- Do not attempt to disassemble or modify the device. This will void the warranty.
- Dispose of used batteries responsibly according to local regulations.
- Keep batteries out of reach of children.

## 3. Package Contents

Please check the package contents upon unpacking:

- EMOS E0114 Digital Thermometer and Hygrometer
- User Manual

*Note: 1 AA Mignon 1.5 V battery is required and not included in the package.*



Figure 3.1: EMOS E0114 device in its retail packaging.

## 4. Product Overview

Familiarize yourself with the components of your EMOS E0114 device.

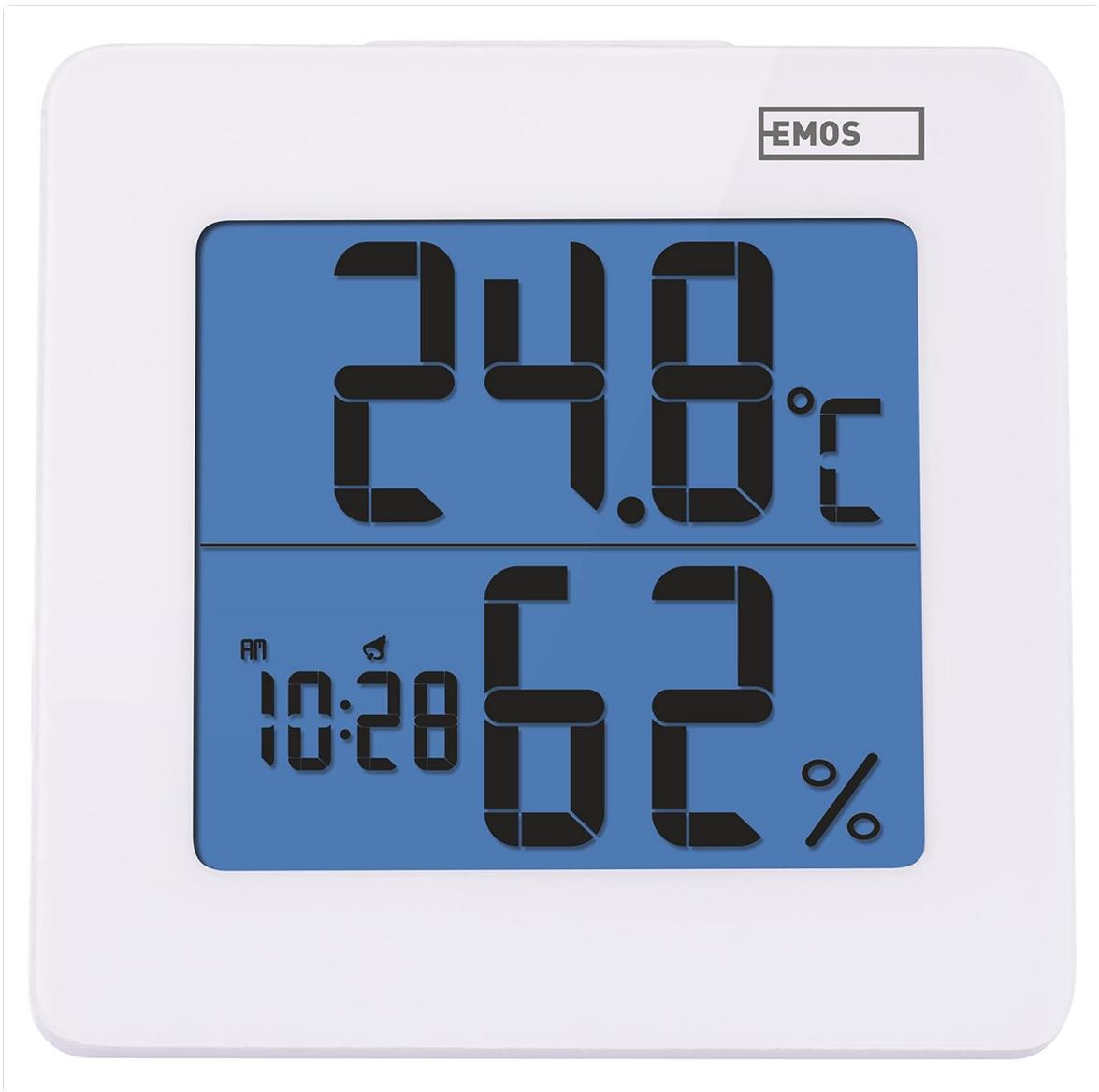


Figure 4.1: Front view of the EMOS E0114 display, showing temperature, humidity, and time.



Figure 4.2: Back view of the EMOS E0114, highlighting the control buttons and battery compartment.

### Control Buttons:

- **MODE:** Switches between time display, alarm setting, and date setting.
- **UP:** Increases values during setting, activates/deactivates alarm.
- **MEM:** Displays maximum and minimum temperature/humidity records.
- **C/F:** Toggles between Celsius and Fahrenheit temperature units.
- **RESET:** Resets the device to factory defaults.
- **SNOOZE/LIGHT (Top Bar):** Activates snooze function during alarm, illuminates the display backlight.

## 5. Setup

### 5.1 Battery Installation

1. Locate the battery compartment on the back of the device (refer to Figure 4.2).
2. Open the battery compartment cover.
3. Insert one (1) AA Mignon 1.5 V battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

## 5.2 Initial Power On

Upon battery installation, the device will power on automatically and display the current time (default 12:00 AM), temperature, and humidity. The backlight will briefly illuminate.

## 6. Operating Instructions

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### 6.1 Setting Time and Date

1. In normal time display mode, press the **MODE** button once to enter time setting mode. The hour digits will flash.
2. Use the **UP** button to adjust the hour.
3. Press **MODE** again to set the minutes. The minute digits will flash. Use the **UP** button to adjust the minutes.
4. Press **MODE** again to set the year. The year digits will flash. Use the **UP** button to adjust the year.
5. Continue pressing **MODE** to set the month and then the day, adjusting each with the **UP** button.
6. After setting the day, press **MODE** to exit setting mode and return to normal time display.

### 6.2 Setting the Alarm

1. In normal time display mode, press the **MODE** button twice to enter alarm setting mode. The alarm time will be displayed, and the hour digits will flash.
2. Use the **UP** button to adjust the alarm hour.
3. Press **MODE** again to set the alarm minutes. The minute digits will flash. Use the **UP** button to adjust the alarm minutes.
4. Press **MODE** to exit alarm setting mode.
5. To activate or deactivate the alarm, press the **UP** button once in normal time display mode. An alarm icon will appear on the display when activated.

### 6.3 Using Snooze and Backlight

- When the alarm sounds, press the **SNOOZE/LIGHT** bar on top of the device to activate the snooze function. The alarm will pause for approximately 5 minutes and then sound again.
- To turn off the alarm completely, press any other button (**MODE**, **UP**, **MEM**, **C/F**) on the back of the device.
- Press the **SNOOZE/LIGHT** bar at any time to briefly illuminate the display backlight for better visibility in low light conditions.

### 6.4 Switching Temperature Units (°C/°F)

In normal display mode, press the **C/F** button on the back of the device to toggle between Celsius (°C) and Fahrenheit (°F) temperature readings.

### 6.5 Viewing Maximum and Minimum Records

The device stores the maximum and minimum temperature and humidity values recorded since the last reset or battery change.

1. Press the **MEM** button once to display the maximum recorded temperature and humidity.
2. Press the **MEM** button again to display the minimum recorded temperature and humidity.
3. Press **MEM** a third time to return to the current temperature and humidity display.
4. To clear the maximum/minimum records, press and hold the **MEM** button for approximately 3

seconds while viewing the records.

## 7. Maintenance

### 7.1 Cleaning

- Wipe the device with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or chemical agents, as these may damage the display or casing.

### 7.2 Battery Replacement

When the display becomes dim or the device stops functioning, it is time to replace the battery.

1. Open the battery compartment cover on the back of the device.
2. Remove the old AA battery.
3. Insert a new AA Mignon 1.5 V battery, observing correct polarity.
4. Close the battery compartment cover.
5. You may need to reset the time and date after battery replacement.

## 8. Troubleshooting

Problem	Possible Cause	Solution
No display or dim display	Low or dead battery; incorrect battery installation.	Replace the battery with a new AA 1.5V battery. Ensure correct polarity.
Incorrect time/date	Time/date not set correctly after battery installation or reset.	Follow instructions in Section 6.1 to set the time and date.
Temperature/humidity readings seem inaccurate	Device placed in an unsuitable location (e.g., near heat source, vent, direct sunlight).	Relocate the device to a stable indoor environment away from direct influences. Allow 30 minutes for readings to stabilize.
Alarm does not sound	Alarm is not activated.	Ensure the alarm icon is visible on the display (refer to Section 6.2).
Device unresponsive	Temporary electronic glitch.	Press the <b>RESET</b> button on the back of the device using a thin object (e.g., paperclip). Note: This will clear all settings.

## 9. Specifications

- **Model:** E0114
- **Brand:** EMOS
- **Temperature Measurement Range:** 0 °C to +50 °C (32 °F to 122 °F)
- **Temperature Resolution:** 0.1 °C / 0.1 °F
- **Humidity Measurement Range:** 20% to 90% Relative Humidity (RH)

- **Humidity Resolution:** 1% RH
- **Clock:** Quartz with 12/24 hour format
- **Alarm:** Yes, with Snooze function
- **Display:** Backlit LCD
- **Memory Function:** Max/Min temperature and humidity
- **Power Supply:** 1 x AA Mignon 1.5 V battery (not included)
- **Dimensions (L x W x H):** 3.7 x 9.3 x 9.3 cm (approximately 1.46 x 3.66 x 3.66 inches)
- **Screen Dimensions:** 60 x 65 mm (approximately 2.36 x 2.56 inches)
- **Weight:** 109 grams (approximately 3.84 ounces)
- **Mounting Type:** Wall mountable (integrated stand)
- **Color:** White (with blue display backlight)



Figure 9.1: Dimensions of the EMOS E0114 device.

## 10. Warranty and Support

EMOS products are designed for reliability and performance. For warranty information or technical support, please refer to the warranty card included with your purchase or visit the official EMOS website. Please retain your proof of purchase for any warranty claims.

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