

## Verona HTC-1

# Verona Enterprise HTC-1 Digital Thermometer and Hygrometer User Manual

Model: HTC-1

Brand: Verona Enterprise

## 1. INTRODUCTION

Thank you for choosing the Verona Enterprise HTC-1 Digital Thermometer and Hygrometer. This device is designed to provide accurate readings of indoor temperature and humidity, along with time and date display. It is suitable for various environments, including homes, offices, and incubators. Please read this manual carefully to ensure proper use and optimal performance of your device.

## 2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the device or subjecting it to strong impacts.
- Keep the device away from water and 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.

## 3. PACKAGE CONTENTS

- Verona Enterprise HTC-1 Digital Thermometer and Hygrometer (Model: HTC-CLOCK)

## 4. PRODUCT OVERVIEW

The HTC-1 features a large LCD display for easy readability and intuitive buttons for setting and viewing data.

### 4.1 Front View



**Image 1:** Front view of the Verona Enterprise HTC-1, displaying temperature, humidity, and time on its large LCD screen. The control buttons (MODE, ADJ, MEMORY) are located at the bottom right.

## 4.2 Rear View and Features



**Image 2:** Rear view of the Verona Enterprise HTC-1, showing the open battery compartment. This compartment houses the AAA battery required for operation.



**Image 3:** Side and rear view of the Verona Enterprise HTC-1, illustrating the fold-out stand for desktop placement and the hanging hole for wall mounting. A wired probe is also visible, indicating an external sensor option.

#### Buttons:

- **MODE:** Switches between time/date display, enters setting mode.
- **ADJ:** Adjusts values in setting mode, switches between 12/24 hour format.
- **MEMORY:** Displays maximum and minimum temperature/humidity readings.

#### Rear Switches:

- **°C/°F Switch:** Toggles between Celsius and Fahrenheit temperature units.

## 5. SETUP

### 5.1 Battery Installation

1. Locate the battery compartment cover on the back of the device (refer to Image 2).
2. Slide the cover downwards to open the compartment.
3. Insert one AAA battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover by sliding it upwards until it clicks into place.

### 5.2 Initial Power On

Upon battery installation, the device will power on automatically and display current temperature, humidity, and time. The default time and date may need to be set.

### 5.3 Placement

The HTC-1 can be placed on a flat surface using its fold-out stand or mounted on a wall using the hanging hole (refer to Image 3).

- For accurate readings, place the device away from direct heat sources (e.g., radiators, direct sunlight) or

cold drafts (e.g., windows, air conditioners).

- Ensure good air circulation around the device.
- If using the external probe (if included), position the probe in the area where you wish to measure temperature, such as outdoors or inside an incubator.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Basic Display

The large LCD screen simultaneously displays:

- **Temperature:** In Celsius (°C) or Fahrenheit (°F).
- **Humidity:** As a percentage (%).
- **Time:** In 12-hour (AM/PM) or 24-hour format.

### 6.2 Setting Time and Date

1. Press and hold the **MODE** button for approximately 3 seconds until the hour digit starts flashing.
2. Press the **ADJ** button to adjust the hour.
3. Press **MODE** again to move to the minute setting. Press **ADJ** to adjust minutes.
4. Continue pressing **MODE** to cycle through year, month, and day settings, adjusting each with the **ADJ** button.
5. After setting the day, press **MODE** one last time to exit setting mode.

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

Locate the °C/°F switch on the back of the device. Slide the switch to your desired temperature unit.

### 6.4 MAX/MIN Temperature and Humidity Readings

The device records the maximum and minimum temperature and humidity values since the last reset.

1. Press the **MEMORY** button once to display the maximum (MAX) temperature and humidity readings.
2. Press **MEMORY** again to display the minimum (MIN) temperature and humidity readings.
3. Press **MEMORY** a third time to return to the current readings display.
4. To clear the MAX/MIN records, press and hold the **MEMORY** button for approximately 3 seconds while MAX or MIN values are displayed.

### 6.5 12/24 Hour Display

In normal time display mode, press the **ADJ** button to toggle between 12-hour (with AM/PM indicator) and 24-hour formats.

### 6.6 Integral-Hour Alarm Function

The device features an integral-hour alarm, which sounds a short beep at the top of every hour. To activate or deactivate this function:

- In normal time display mode, press the **MODE** button once to display the date.
- While the date is displayed, press the **ADJ** button. An alarm icon (often a bell) will appear or disappear, indicating the status of the integral-hour alarm.

## 7. MAINTENANCE

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### 7.1 Cleaning

Wipe the device clean with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water.

7.2 Battery Replacement

When the display becomes dim or erratic, it is time to replace the battery. Follow the steps in Section 5.1 for battery installation.

7.3 Storage

If the device will not be used for an extended period, remove the battery to prevent leakage and damage.

8. TROUBLESHOOTING

- **No Display:** Check battery polarity. Replace with a fresh AAA battery.
- **Inaccurate Readings:** Ensure the device is placed in a stable environment, away from direct heat/cold sources or strong drafts. Allow time for the device to stabilize in a new environment.
- **Buttons Not Responding:** Remove and reinsert the battery to perform a soft reset.

9. SPECIFICATIONS

Feature	Detail
Model	HTC-1 (HTC-CLOCK)
Temperature Range	Typically -50°C to +70°C (-58°F to +158°F)
Humidity Range	Typically 10% RH to 99% RH
Temperature Accuracy	±1°C (±1.8°F)
Humidity Accuracy	±5% RH
Power Source	1 x AAA Battery (not always included)
Display Type	LCD Digital
Material	Durable Hard Plastic
Special Features	Alarm, High Accuracy, MAX/MIN Memory, 12/24 Hour Clock, Date Display, Wall Mount/Stand

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or contact Verona Enterprise directly through their official channels. Keep your purchase receipt as proof of purchase.

