

RUIZHI F0342

RUIZHI Mini Digital LCD Thermometer Hygrometer F0342 User Manual

1. INTRODUCTION

This manual provides detailed instructions for the RUIZHI Mini Digital LCD Thermometer Hygrometer, Model F0342. This device is designed to accurately monitor indoor temperature and humidity, providing essential information for maintaining a comfortable and healthy environment in various settings such as homes, offices, baby rooms, greenhouses, and more.

2. PRODUCT OVERVIEW

The RUIZHI Mini Digital LCD Thermometer Hygrometer features a large, easy-to-read LCD display that shows real-time temperature, humidity, time, and a comfort level indicator. Its compact design allows for versatile placement options.

2.1 Key Features

- **High Precision Measurement:** Accurate readings for temperature and humidity.
- **Large LCD Display:** Clear and easy-to-read digital display.
- **Quick Updates:** Data refreshes every 10 seconds for responsive monitoring.
- **Comfort Level Indicator:** Visual icon to indicate current comfort conditions.
- **Versatile Installation:** Tabletop stand, hanging hole, or wall adhesive options.
- **Time Display:** Supports 12-hour and 24-hour formats.
- **Temperature Unit Selection:** Switch between Celsius (°C) and Fahrenheit (°F).

2.2 Components

Retractable Stent

The Three-Dimensional Bracket Is Retractable, And The Rear Hanging Hole On The Back



Figure 1: Rear view of the device showing the hanging hole, wall sticker area, setup buttons (MODE, ADJ, °C/°F), battery compartment, and retractable bracket.

More Than Just Temperature And Humidity

A Multi-Purpose Electronic Temperature And Humidity Meter



Figure 2: Front view of the device highlighting the large screen display, comfort level indicator, time display, date display, temperature display, and humidity display.

- **Front Display:** LCD screen showing time, comfort level, temperature, and humidity.
- **MODE Button:** Used to switch between display modes and enter setting mode.
- **ADJ Button:** Used to adjust values during setting mode.
- **°C/°F Button:** Toggles between Celsius and Fahrenheit temperature units.
- **Hanging Hole:** For wall mounting.
- **Battery Compartment:** Located on the back for battery installation.
- **Retractable Bracket:** For tabletop placement.

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Open the cover by sliding or gently prying it off.
3. Insert one CR2032 button cell battery (not included) into the compartment, ensuring the correct polarity (+/-).
4. Close the battery compartment cover securely.

3.2 Initial Power On

Once batteries are installed, the device will automatically power on and display current temperature, humidity, and time. If the display does not appear, check battery installation.

3.3 Setting Time and Date

1. Press and hold the **MODE** button for approximately 3 seconds to enter time setting mode. The hour digit will start flashing.
2. Press the **ADJ** button to adjust the hour.
3. Press the **MODE** button again to move to the minute setting. Press **ADJ** to adjust minutes.
4. Continue pressing **MODE** to cycle through year, month, and day settings, using **ADJ** to change values.
5. After setting the date, press **MODE** to exit setting mode.

3.4 Selecting Temperature Unit (°C/°F)

Press the °C/°F button once to toggle between Celsius and Fahrenheit temperature displays.

4. OPERATING INSTRUCTIONS

4.1 Reading the Display

The large LCD screen provides the following information:

- **Time:** Displays the current time in 12-hour (with AM/PM indicator) or 24-hour format.
- **Comfort Level Indicator:** A smiley face icon indicates the current comfort level based on temperature and humidity.
- **Temperature:** Shows the current indoor temperature in your selected unit (°C or °F).
- **Humidity:** Displays the current indoor relative humidity as a percentage (RH%).

4.2 Comfort Level Indication

The device uses a visual icon to quickly communicate the indoor comfort level:

- **Smiling Face:** Indicates a comfortable environment.
- **Neutral Face:** Indicates a moderately comfortable or slightly dry/humid environment.
- **Frowning Face:** Indicates an uncomfortable environment (too dry or too humid).

4.3 Data Refresh Rate

The temperature and humidity readings are updated every 10 seconds, ensuring you have access to current environmental data.

5. INSTALLATION

The RUIZHI Mini Digital LCD Thermometer Hygrometer offers multiple installation options:

Smart Temperature And Humidity Comfort Reminder

Intelligent Detection Of Temperature And Humidity, Comfort Reminders, And Meticulous Care For You And Your Family

Indoor Constant Temperature

3 Ways To Place



Figure 3: Device shown with its retractable stand extended for tabletop placement.

5.1 Tabletop Placement

Extend the retractable bracket located on the back of the device. Place the device on any flat surface such as a table, shelf, or desk.

5.2 Wall Mounting

The device can be mounted on a wall using one of two methods:

- **Using the Hanging Hole:** Secure a nail or screw into the desired wall location and hang the device using the hanging hole on its back.
- **Using Adhesive:** Apply double-sided adhesive tape (not included) to the designated wall sticker area on the back of the device, then firmly press it onto a clean, dry wall surface.

6. MAINTENANCE

6.1 Cleaning

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

6.2 Battery Replacement

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

steps in Section 3.1 for battery installation.

6.3 Storage

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

7. TROUBLESHOOTING

- **No display or dim display:**
Check if the battery is installed correctly. Replace the battery if it is depleted.
- **Inaccurate temperature/humidity readings:**
Ensure the device is not placed in direct sunlight, near heat sources (e.g., heaters, ovens), or in areas with extreme drafts. Allow the device to stabilize in its location for at least 30 minutes for accurate readings.
- **Time is incorrect:**
Refer to Section 3.3 to reset the time and date.

8. SPECIFICATIONS

| Feature | Specification |
|----------------------------------|--|
| Model Number | F0342 |
| Temperature Measurement Range | -10°C to +60°C (14°F to +140°F) |
| Temperature Measurement Accuracy | ±1.0°C (±1.8°F) |
| Temperature Resolution | 0.1°C (0.2°F) |
| Humidity Measurement Range | 10%RH to 99%RH |
| Humidity Measurement Accuracy | ±5%RH |
| Power Source | Battery powered (1x CR2032, not included) |
| Voltage | 3 Volts |
| Display Style | LCD |
| Product Dimensions | 2 x 2 x 2 cm (approximately 0.79 x 0.79 x 0.79 inches) |
| Item Weight | 110 grams (approximately 3.88 ounces) |

9. WARRANTY

Specific warranty information for the RUIZHI Mini Digital LCD Thermometer Hygrometer F0342 is not provided in this manual. Please refer to your purchase receipt or contact the retailer where you purchased the product for details regarding warranty coverage and terms.

10. SUPPORT

For technical assistance, customer service, or further inquiries regarding the RUIZHI Mini Digital

LCD Thermometer Hygrometer F0342, please contact the retailer or the manufacturer directly through their official support channels.