

ATuMan TH3-W01

ATuMan TH3 Digital Rechargeable Hygrometer User Manual

Model: TH3-W01

1. INTRODUCTION

The ATuMan TH3 Digital Rechargeable Hygrometer is an advanced indoor thermometer and humidity monitor designed to provide accurate environmental data. Featuring Wi-Fi connectivity for outdoor temperature and humidity monitoring without the need for a dedicated app, it also includes a clock and calendar display. This device is ideal for various indoor environments such as bedrooms, jars, guitar cases, and humidors, ensuring optimal conditions for health and preservation.



Figure 1.1: ATuMan TH3 Digital Rechargeable Hygrometer

2. KEY FEATURES

- **Wi-Fi Connectivity for Outdoor Data:** Connects to local Wi-Fi to display outdoor weather data, including temperature and humidity, without requiring a mobile application.
- **High Accuracy & Quick Refresh Rate:** Provides precise measurements with an accuracy of $\pm 0.1^{\circ}\text{F}/^{\circ}\text{C}$ and $\pm 1\%\text{RH}$. Data updates every 10 seconds for real-time monitoring, suitable for dynamic environments like greenhouses.
- **Healthier Home Environment:** Helps maintain proper indoor humidity levels, contributing to health benefits for skin and allergen management.
- **Wide Measuring Range:** Measures temperature from -9.9°C to 60°C (14°F to 140°F) and humidity from 10% to 99%RH.
- **Easy Unit Switching:** A dedicated button on the back allows for quick switching between Celsius ($^{\circ}\text{C}$) and Fahrenheit ($^{\circ}\text{F}$) temperature units.
- **Rechargeable Battery:** Equipped with a Type-C rechargeable battery, offering approximately 4 months of

usage on a full charge.

- **Versatile Placement:** Designed for both tabletop and wall mounting, adapting to various home and office settings.
- **Auto Time Synchronization:** Automatically synchronizes time for effortless and accurate display.



Figure 2.1: Versatile Home Companion

3. PACKAGE CONTENTS

Please check the box for the following items:

- ATuMan TH3 Thermo-Hygrometer x 1
- Instruction Manual x 1
- Magnetic Sheet x 1
- Charging Cable (Type-C) x 1

Packing List

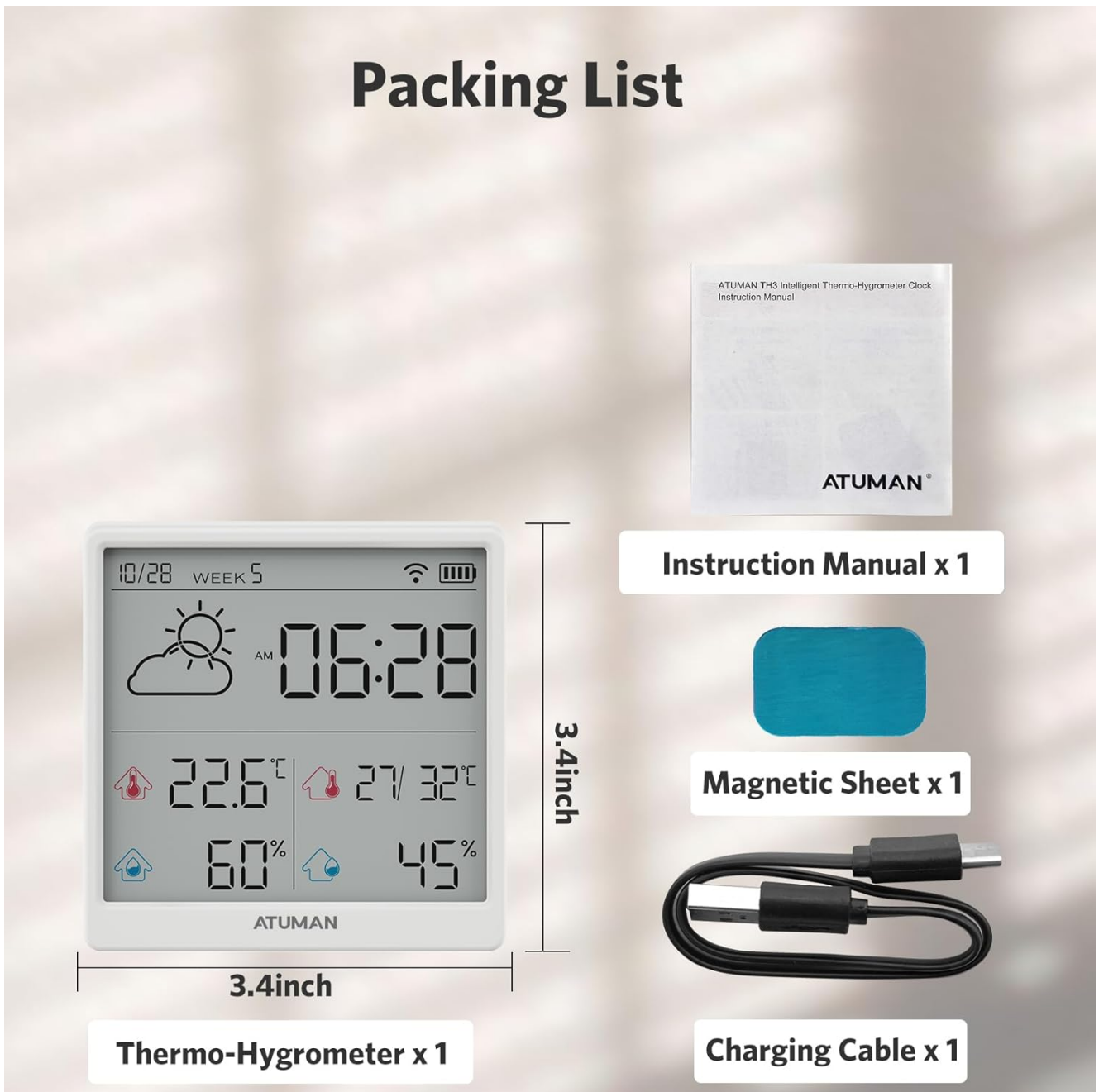


Figure 3.1: Package Contents

4. SETUP GUIDE

4.1 Initial Charging

Before first use, fully charge the device using the provided Type-C charging cable. Connect the cable to the device's Type-C port and a standard USB power adapter (not included). The battery indicator on the display will show charging status.

Type-C Direct Charging, Long-Lasting Battery

450mAh rechargeable battery for prolonged usage.



Figure 4.1: Type-C Direct Charging

4.2 Powering On/Off

The device typically powers on automatically when charged or connected to power. There is no explicit power button. To turn off, disconnect from power and allow the battery to drain, or if applicable, refer to the included instruction manual for specific power management features.

4.3 Wi-Fi Connection for Outdoor Data

To enable outdoor weather data display:

1. Ensure your device is within range of your local Wi-Fi network.
2. Follow the on-screen prompts or refer to the detailed steps in the included instruction manual to connect the TH3 to your Wi-Fi network. This process typically involves selecting your network and entering the password directly on the device.
3. Once connected, the device will automatically fetch and display local outdoor weather conditions, including temperature and humidity, along with relevant weather icons (sunny, rainy, etc.).

WiFi Smart Sync Instant Outdoor Weather Updates

Simply connect your device to Wi-Fi, and the thermo-hygrometer will automatically fetch and display local weather conditions with clear sunny or rainy icons for easy reference.

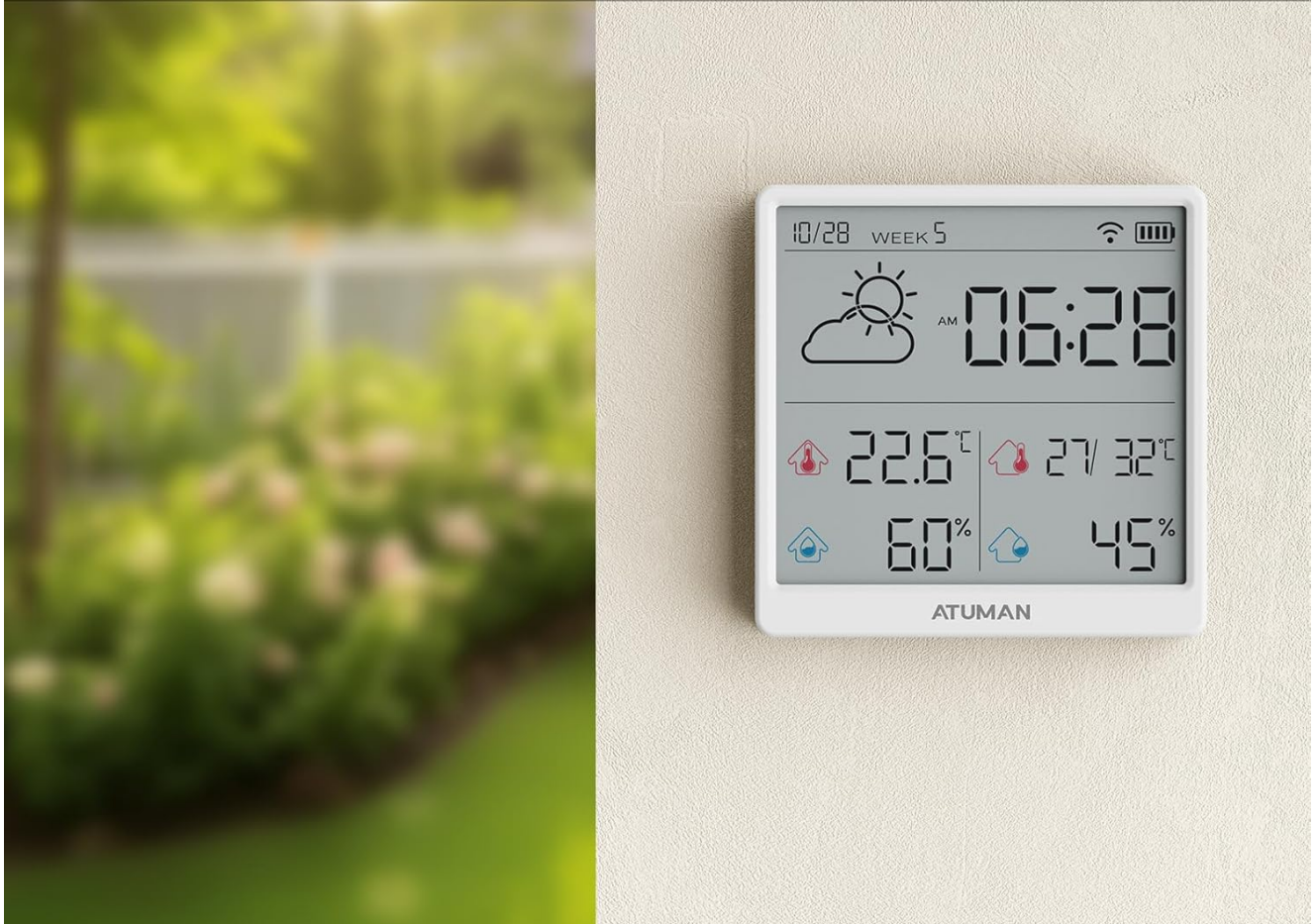


Figure 4.2: Wi-Fi Smart Sync for Outdoor Weather Updates

4.4 Placement

The ATuMan TH3 offers flexible placement options:

- **Tabletop:** Use the integrated stand to place the device on any flat surface such as a desk, shelf, or nightstand.
- **Wall Mount:** Utilize the magnetic sheet (if provided) or a suitable mounting point on the back of the device to attach it to a wall or magnetic surface.

Versatile Wall & Desktop Mount

Easy Multi-Scene Placement



Figure 4.3: Versatile Wall & Desktop Mount

5. OPERATING INSTRUCTIONS

5.1 Understanding the Display

The 4.3-inch large LCD screen provides a clear 180° viewing angle for easy monitoring. The display shows various pieces of information:

- **Date and Week:** Located at the top left.
- **Time:** Prominently displayed in the center.
- **Weather Icons:** Indicate current outdoor weather conditions (e.g., sun, clouds, rain).
- **Indoor Temperature:** Shown with a house icon, indicating the current indoor temperature.
- **Indoor Humidity:** Shown with a house icon, indicating the current indoor humidity percentage.
- **Min & Max Outdoor Temperature:** Displays the minimum and maximum outdoor temperatures recorded.
- **Average Outdoor Humidity:** Shows the average outdoor humidity percentage.



Figure 5.1: Display Overview and Humidity Comfort Levels

5.2 Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F), simply press the dedicated °C/°F switchable button located on the back of the device.

5.3 Interpreting Humidity Levels

The device helps you understand indoor humidity comfort levels:

- **Dry:** Humidity less than 30%.
- **Comfort:** Humidity between 30% and 60%, and temperature between 68°F and 78.8°F.
- **Wet:** Humidity greater than 60%.

5.4 Auto Time Synchronization

The device automatically synchronizes its time via Wi-Fi, ensuring accurate time display without manual adjustment.

Auto Time Synchronization Effortless, Hassle-Free Accuracy



Figure 5.2: Auto Time Synchronization

6. MAINTENANCE

6.1 Cleaning

To clean the device, gently wipe the display and casing with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water.

6.2 Battery Charging

Recharge the device when the battery indicator shows low power. Use the provided Type-C cable. A full charge can last approximately 4 months.

6.3 Storage

When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure it is fully charged before storing to prolong battery life.

7. TROUBLESHOOTING

- **No Display:** Ensure the device is charged. Connect it to a power source using the Type-C cable.
- **Incorrect Readings:** Ensure the device is placed in a stable environment, away from direct heat sources, vents, or extreme drafts. Allow a few minutes for readings to stabilize after placement or movement.
- **Wi-Fi Connection Issues:**
 - Check if your Wi-Fi network is active and within range.
 - Verify the Wi-Fi password entered is correct.
 - Restart your Wi-Fi router and the TH3 device.
 - Ensure your Wi-Fi network is 2.4GHz, as some devices may not support 5GHz networks.
- **Display Not Clear:** The device features a 4.3" large LCD screen with a 180° viewing angle. Ensure there is no glare or obstruction.



Figure 7.1: 4.3" Large LCD Screen

8. SPECIFICATIONS



Specification	Value
Brand	ATuMan
Model Number	TH3-W01
Colour	White
Temperature Measuring Range	-9.9°C~60°C (14°F-140°F)
Humidity Measuring Range	10%-99%RH
Temperature Accuracy	±0.1°F/°C
Humidity Accuracy	±1%RH
Battery Type	1 Lithium Polymer battery (included)
Battery Capacity	450mAh (approx. 4 months usage)
Charging Port	Type-C
Mounting Type	Tabletop, Wall Mount
Package Dimensions	10.31 x 9.09 x 2.39 cm
Item Weight	118 g

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the specific warranty card included in your product packaging or contact the ATuMan customer service directly through their official website or the retailer from whom you purchased the product. Please retain your proof of purchase for warranty claims.

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Related Documents - TH3-W01

	<p>ATuMan and DUKA Product Overview - Tools and Electronics</p> <p>Explore the range of high-tech, design-focused electronic and power tools from DUKA, and well-designed, high-quality hand tools from ATuMan. Featuring laser rangefinders, temperature and humidity meters, socket testers, and more.</p>
	<p>INKBIRD IBS-TH3 WiFi Temperature Humidity Sensor User Manual</p> <p>Comprehensive user manual for the INKBIRD IBS-TH3 WiFi Temperature Humidity Sensor, covering product introduction, technical specifications, app connection, safeguards, warranty, and FCC requirements.</p>



[INKBIRD IBS-TH3-PLUS-WIFI Temperature and Humidity Sensor User Manual](#)

This user manual provides detailed instructions for the INKBIRD IBS-TH3-PLUS-WIFI Temperature and Humidity Sensor, covering product introduction, technical parameters, app instructions, safeguards, warranty, and FCC requirements.



INKBIRD IBS-TH3-WIFI Temperature and Humidity Sensor User Manual

Comprehensive user manual for the INKBIRD IBS-TH3-WIFI, a wireless temperature and humidity sensor. Learn about product features, technical specifications, app connection, safeguards, warranty, and FCC requirements.



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产品介绍

杜邦10兆光校线角度仪一般可以360°任意角度校线的便捷式测量,其功能多样,操作调整简单面广,为室内施工找平和校线提供精确的水平、垂直基础和参照基准,起到辅助和定位标的作用,主要用于垂直度相对于水平位置的校线,确定好的平整度和垂直度,使设备安装的水平位置和垂直位置等。在机械行业、仪器仪表、建筑装修、室内外装修、市政、路桥等都有广泛的应用。

P-03

DUKE LI1 Laser Line Projection Angle Gauge User Manual

User manual for the DUKE LI1 Laser Line Projection Angle Gauge, detailing its features, operation, technical specifications, and safety instructions. This portable device offers 360° angle measurement for various construction and manufacturing applications.



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Product Description

The Duke LC is a versatile, easy to use and versatile angle measuring tool with laser line projection for measuring 2-axis absolute and relative angles of surfaces.

010

LI1 Laser Line Projection Angle Gauge Instructions

Comprehensive instructions for the LI1 Laser Line Projection Angle Gauge, covering product description, important notes, product briefing, main display, start-up, shutdown, angle measurement, relative angle measurement, laser operation, bracket installation, bracket use, technical specifications, and safety instructions.