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› ApTechDeals CX-501 Digital LCD Display Hygrometer Thermometer Humidity Meter with Clock User Manual

ApTechDeals CX-501

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Model: CX-501 | Brand: ApTechDeals

PRODUCT OVERVIEW

The ApTechDeals CX-501 is a versatile digital device designed to monitor indoor environmental conditions. It accurately measures temperature and humidity, features a clock, and provides a 12-hour temperature trend display. Its backlit LCD ensures clear readability in various lighting conditions.



Front view of the ApTechDeals CX-501 Digital LCD Display Hygrometer Thermometer Humidity Meter with Clock, showing the large display and control buttons.

KEY FEATURES

- Temperature range: -50°C to 70°C (-58°F to 158°F)
- Humidity range: 10% to 99% RH
- Memory function for MAX & MIN temperature and humidity values
- Backlit LCD Display for enhanced visibility
- 12-hour temperature trend display
- Integrated clock function

PACKAGE CONTENTS

- 1 x ApTechDeals CX-501 Digital LCD Display Hygrometer Thermometer Humidity Meter with Clock

Note: 2 x 1.5V AAA batteries are required and are not included in the package.

SETUP AND INSTALLATION

1. Battery Installation

1. Locate the battery compartment on the back of the unit.
2. Slide open the battery compartment cover.
3. Insert two (2) 1.5V AAA batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.



Image showing the front and back of the CX-501 unit, highlighting the battery compartment on the rear.

2. Placement

The CX-501 can be placed on a tabletop using its integrated stand or mounted on a wall using the hanging hole on the back. For accurate readings, place the unit away from direct sunlight, heat sources, and drafts.



Image illustrating the CX-501 from the side, showing its integrated stand for tabletop use.

OPERATING INSTRUCTIONS

Display Overview



Detailed diagram of the CX-501 display, labeling the Time/Clock, Week, Humidity, Temperature, Forecast, Comfort Level, Temperature Trend, and control buttons (Mode, Adj, Max/Min, C/F, SNZ, Light).

- **Time/Clock:** Displays the current time.
- **Week:** Shows the current day of the week.
- **Humidity:** Indicates the current relative humidity percentage.
- **Temperature:** Shows the current temperature in Celsius or Fahrenheit.
- **Forecast:** Provides a general weather forecast icon.
- **Comfort Level:** An icon indicating the comfort level based on temperature and humidity.
- **Temperature Trend:** Graphically displays temperature changes over the last 12 hours.

Button Functions

- **MODE Button:** Used to switch between time display modes (e.g., 12/24 hour) and enter setting modes for time and alarm.
- **ADJ Button:** Used to adjust values when in setting mode (e.g., setting time, alarm).
- **MAX/MIN Button:** Press to view the maximum and minimum recorded temperature and humidity values. Press again to cycle through current, maximum, and minimum readings.
- **°C/°F Button:** Toggles the temperature display between Celsius (°C) and Fahrenheit (°F).
- **SNZ Button (Snooze):** Activates the snooze function when an alarm is sounding.
- **LIGHT Button:** Activates the backlight for improved visibility in low light conditions.

Setting the Time and Date

1. Press and hold the **MODE** button for a few seconds until the time display starts flashing.
2. Use the **ADJ** button to adjust the hour.
3. Press **MODE** again to move to the minute setting, then use **ADJ** to adjust.
4. Continue pressing **MODE** to cycle through year, month, and day settings, adjusting each with the **ADJ** button.
5. Once all settings are complete, press **MODE** one last time to exit the setting mode.

The device automatically records and displays temperature trends over a 12-hour period. The weather forecast icon is based on humidity changes and is for reference only.

MAINTENANCE

- Clean the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the unit to extreme temperatures, direct sunlight, or high humidity for prolonged periods.
- If the display becomes dim or unresponsive, replace the batteries.
- Remove batteries if the unit will not be used for an extended period to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Low or dead batteries; incorrect battery polarity.	Replace batteries with new 1.5V AAA batteries, ensuring correct polarity.
Inaccurate temperature/humidity readings	Unit placed near heat sources, direct sunlight, or drafts; sensor obstruction.	Relocate the unit to a stable environment. Ensure sensors are not blocked. Allow time for readings to stabilize.
Buttons not responding	Temporary software glitch; low battery.	Remove and reinsert batteries to reset the unit. Replace batteries if low.

SPECIFICATIONS

Feature	Detail
Model Number	CX-501
Colour	Black
Product Dimensions	45W x 170H Millimeters
Item Weight	500 Grams
Temperature Range	-50°C to 70°C (-58°F to 158°F)
Humidity Range	10% to 99% RH
Temperature Accuracy	0.1°C (1.8°F)
Humidity Accuracy	± 5% RH (40%-80%)
Humidity Resolution	1% RH
Power Source	2 x 1.5V AAA batteries (not included)
Mounting Type	Tabletop
Special Feature	Clock, Backlit LCD, MAX/MIN Memory, 12 Hr Temperature Trends



Image showing the dimensions of the CX-501: 5.5 inches height, 3 inches width, and 2 inches depth.

EXPERIENCE A SMOOTH DAY TO DAY FUNCTIONING LIKE NEVER BEFORE



Heavy-duty
construct



High-quality
design



Ideal for
daily use

Visual representation of the CX-501's accuracy: $\pm 1^{\circ}\text{C}$ (1.8°F) temperature accuracy, $\pm 5\%$ RH (40%-80%) humidity accuracy, and 1% RH humidity resolution.

WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty information, please contact ApTechDeals customer service. Refer to your purchase documentation for specific warranty terms and contact details.

You can also visit the official ApTechDeals store on Amazon for more information and support: [ApTechDeals Store](#)