

## CDN DT450X

# CDN DT450X Waterproof Digital Cooking Thermometer

## Instruction Manual

### INTRODUCTION

The CDN DT450X Waterproof Digital Cooking Thermometer is designed for accurate and rapid temperature measurement of food. Its thin, waterproof design makes it suitable for various kitchen applications, including measuring temperatures for meat, poultry, and BBQ. The thermometer features a quick-read response and is built to be shatterproof and high-heat resistant, operating within a wide temperature range of -40 to +450°F (-40 to +230°C).

### KEY FEATURES

- **Measurement Range:** -40 to +450°F (-40 to +230°C)
- **Rapid Response:** Provides temperature readings in 6-8 seconds.
- **Probe Design:** Features a 2.5 mm reduced tip with a 2.75 inch (7.0 cm) stainless steel stem for easy insertion.
- **Durability:** NSF Certified, shatterproof, and high-heat resistant.
- **Waterproof:** Designed to withstand moisture and humidity, and can be submerged.
- **BioCote Technology:** Incorporates antimicrobial protection.
- **Convenient Sheath:** Includes a sheath for safe storage that also functions as a handle extension.
- **Two-Way Mounting:** Sheath features a pocket clip and a hook for versatile storage.

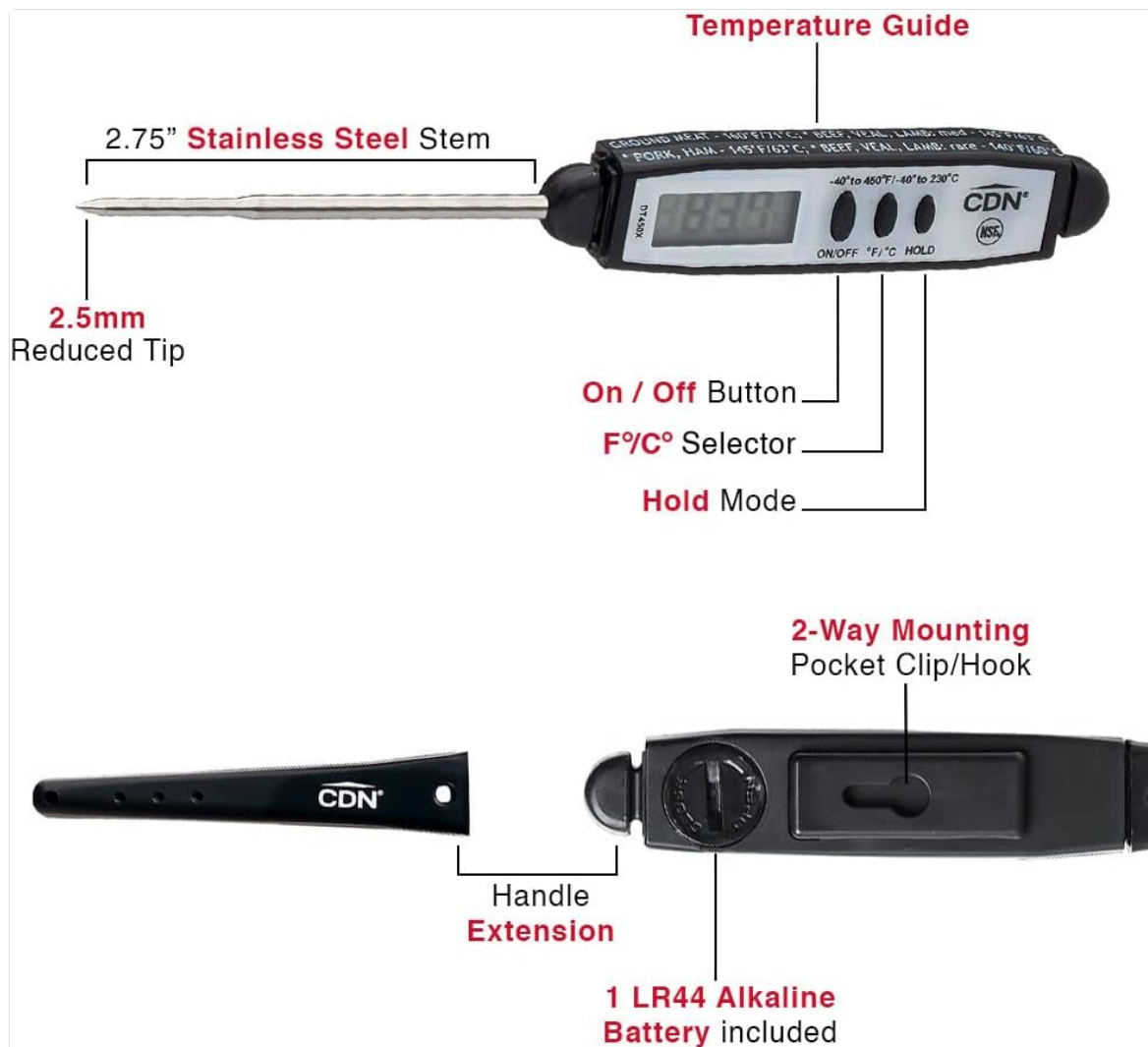


Image: The CDN DT450X thermometer in use, demonstrating its quick and accurate temperature reading on a piece of meat.

## SETUP

### Battery Installation

The CDN DT450X thermometer comes with one LR44 battery included. To install or replace the battery:

1. Locate the battery compartment on the back of the thermometer.
2. Use a small coin to twist open the battery cover.
3. Insert the LR44 battery with the positive (+) side facing up.
4. Replace the battery cover and twist to secure it.

### Initial Power On and Unit Selection

After battery installation, press the **ON/OFF** button to power on the thermometer. To switch between Fahrenheit (°F) and Celsius (°C), press the **°F/°C** button located on the front panel.

# IDEAL GIFT

Makes a great gift



Image: A detailed diagram illustrating the components of the CDN DT450X thermometer, including the stainless steel stem, reduced tip, display, ON/OFF button, F/C selector, and hold mode button.

## OPERATING INSTRUCTIONS

### Taking a Temperature Reading

1. Turn on the thermometer by pressing the **ON/OFF** button.
2. Insert the stainless steel probe into the thickest part of the food, avoiding bone or gristle. Ensure the tip is fully immersed for accurate readings.
3. Wait for approximately 6-8 seconds for the temperature reading to stabilize on the digital display.
4. The thermometer can be used for various applications including stovetop cooking, grilling, and smoking.

### Using the Hold Function

To hold the current temperature reading on the display, press the **HOLD** button. This is useful when reading temperatures in hard-to-reach areas. Press the **HOLD** button again to resume live temperature monitoring.

## Safe Food Temperature Guidelines

For food safety, always cook foods to their recommended internal temperatures. A general guide is often printed on the thermometer's sheath or body. For example:

- **Poultry:** 165°F (74°C)
- **Ground Meat:** 160°F (71°C)
- **Beef, Veal, Lamb (Medium):** 160°F (71°C)
- **Beef, Veal, Lamb (Rare):** 140°F (60°C)
- **Pork, Ham:** 145°F (63°C)



Image: Collage showing the versatility of the thermometer for various cooking methods, including grilling, smoking, and stovetop use.

## Product Demonstration Video

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Video: An official product video demonstrating the features and usage of the CDN Digital Pocket Thermometer (DT450X), including its quick response time, measurement range, and convenient sheath.

## MAINTENANCE AND CARE

### Cleaning Instructions

The CDN DT450X is waterproof and designed to resist water splashes, making it easy to clean. However, it is recommended to **hand wash only**. Do not place the thermometer in a dishwasher.

1. Wipe the stainless steel probe with a damp cloth or sponge using mild soap.
2. Rinse the probe under running water.
3. Dry thoroughly before storing.



Image: The CDN DT450X thermometer being cleaned under running water, highlighting its waterproof feature.

### Storage

The thermometer comes with a convenient sheath for safe storage. The sheath also doubles as a handle extension for added reach. It features a pocket clip and a hook for versatile mounting options, allowing you to store it securely in a pocket or hang it on a hook.



**⚠ WARNING** **INGESTION HAZARD:** This product contains a button cell or coin battery.



Image: The CDN DT450X thermometer shown with its protective sheath, illustrating how it can be used for safe storage and as a handle extension.

# CONVENIENT SHEATH

For Safe Storage, Handle Extension



Image: Examples of the thermometer's two-way mounting feature, showing it clipped into a pocket and hung on a kitchen rack.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or faint display	Low or dead battery.	Replace the LR44 battery. Ensure it is inserted correctly with the positive (+) side up.
Inaccurate temperature readings	Probe not inserted deep enough or touching bone/gristle. Thermometer needs calibration.	Re-insert the probe into the thickest part of the food, away from bones. If issues persist, refer to the manufacturer's website for calibration instructions or contact support.
Slow response time	Battery low or probe tip is not fully immersed in the food.	Replace the battery. Ensure the probe tip is fully and properly inserted into the food.

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## SPECIFICATIONS

- **Model:** DT450X
- **Measurement Range:** -40 to +450°F (-40 to +230°C)
- **Response Time:** 6-8 seconds
- **Probe Length:** 2.75 inches (7.0 cm) stainless steel stem
- **Probe Tip:** 2.5 mm reduced tip
- **Power Source:** 1 x LR44 battery (included)
- **Material:** Food-safe ABS plastic with BioCote®, Stainless Steel
- **Special Features:** Waterproof, Shatterproof, NSF Certified, Fast Reading System
- **Product Care:** Hand Wash Only
- **Item Weight:** 0.8 Ounces
- **Item Length:** 6.5 Inches

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## WARRANTY INFORMATION

The CDN DT450X Waterproof Digital Cooking Thermometer comes with a **Limited 5-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full details and terms, please refer to the official CDN website or contact customer support.

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## CUSTOMER SUPPORT

For further assistance, product inquiries, or troubleshooting not covered in this manual, please contact CDN customer support:

- **Website:** Visit the official CDN website for FAQs and support resources.
- **Contact:** Refer to the contact section on the CDN website for phone numbers or email support.