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INTRODUCTION

The QardioTemp Digital Forehead Thermometer (Model NS-TD-1261) is designed for accurate and instant temperature measurement using advanced infrared technology. This device offers contactless operation, a color-coded fever indicator, and seamless synchronization with the Qardio App for comprehensive health data tracking. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your QardioTemp thermometer.



Image: Front view of the QardioTemp Digital Forehead Thermometer, displaying a temperature reading of 98.2°F on its green backlit screen.

PRODUCT FEATURES

- **Contactless Measurement:** Measures temperature from approximately 3 cm away.
- **Color-Coded Fever Indicator:** The display changes color (e.g., red) to indicate fever.
- **Automatic Synchronization:** Connects with the Qardio App to store health data.
- **Memory Mode:** Stores up to 10 previous temperature readings.
- **App Compatibility:** Works with iOS 12.4 or later and Android 9 or later, requiring Bluetooth 4.0.

SETUP

1. Battery Installation

The QardioTemp thermometer requires 2 AAA batteries, which are included. To install or replace batteries:

1. Locate the battery compartment cover, typically on the handle or back of the device.
2. Slide or unclip the cover to open.

3. Insert the 2 AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

2. App Installation and Pairing

For full functionality, including data synchronization and tracking, download the Qardio App.

1. Download the "Qardio" app from the Apple App Store (for iOS 12.4 or later) or Google Play Store (for Android 9 or later).
2. Ensure Bluetooth is enabled on your smartphone or tablet.
3. Open the Qardio App and follow the on-screen instructions to create an account or log in.
4. Turn on your QardioTemp thermometer. The app should detect the device via Bluetooth 4.0 and guide you through the pairing process.



Image: The QardioTemp thermometer positioned beside a smartphone, which shows the Qardio application interface with temperature readings and health data.

OPERATING INSTRUCTIONS

1. Taking a Temperature Measurement

The QardioTemp thermometer uses a contactless method for measurement.

1. Ensure the thermometer is powered on. The display will show the last temperature taken.
2. Position the sensor end of the thermometer approximately 3 centimeters (about 1 inch) from the center of the forehead.
3. Press the scan button (located on the front of the device).
4. The temperature reading will appear on the display within approximately 1 second. The display will light up, often green for normal temperatures, for a few seconds to enhance readability.



Image: A hand holding the QardioTemp thermometer, illustrating the correct grip and positioning for taking a temperature reading.

2. Understanding the Display

- **Temperature Reading:** Displays the measured temperature in Fahrenheit or Celsius (unit can typically be switched in settings or app).
- **Color-Coded Indicator:** The display backlight changes color to indicate temperature status. A red backlight typically signifies a fever.
- **Last Reading:** The device often displays the last recorded temperature upon power-on.

3. Synchronization with Qardio App

After taking a measurement, if the Qardio App is open and your device is paired, the reading will automatically synchronize and be stored in your health history. The thermometer can store up to 10 readings in its internal memory if not immediately synced.

4. Power Button and Flashlight Function

The QardioTemp thermometer features a power button and a scan button. Note that these buttons may not be explicitly labeled. The power button also controls a flashlight function. Pressing the power button once will turn on the device. A subsequent press might activate the flashlight. To turn off the device, you may need to press the power button again after the flashlight is on, or wait for the automatic shut-off feature (typically after 3 minutes of inactivity).

MAINTENANCE

1. Cleaning

To ensure hygiene and proper function, clean the thermometer regularly.

- Wipe the device, especially the sensor area, with a soft cloth dampened with alcohol or an antiseptic wipe.
- Do not immerse the thermometer in water or any other liquid.
- Allow the device to air dry completely before storage or next use.

2. Battery Replacement

Replace the AAA batteries when the low battery indicator appears on the display or the device fails to power on. Refer to the "Battery Installation" section under Setup for instructions.

3. Storage

Store the QardioTemp thermometer in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it out of reach of children.



Image: The QardioTemp thermometer placed on a marble-top bedside table, suggesting convenient storage and accessibility.

TROUBLESHOOTING

- **Inaccurate Readings:** Ensure the sensor is clean and positioned correctly (approx. 3 cm from the forehead). Environmental factors or rapid temperature changes can affect readings. Consumer-grade devices may not provide decimal-level accuracy; focus on consistency and trends.
- **Device Not Powering On:** Check battery installation and ensure batteries are not depleted. Replace if necessary.
- **No App Synchronization:** Verify Bluetooth is enabled on your smartphone, the Qardio App is open, and the thermometer is paired. Ensure your phone's operating system meets the minimum requirements (iOS 12.4+, Android 9+).
- **Display Issues:** If the display is hard to read, ensure sufficient lighting. The display lights up for a few seconds after a measurement.

SPECIFICATIONS

Feature	Detail
Brand	Qardio
Model Number	NS-TD-1261
Special Feature	High Accuracy
Age Range (Description)	Adult
Outer Material	Glass
Specification Met	NIST
Display Type	Digital
Connectivity Technology	Infrared
Product Care Instructions	Wipe Clean
Net Quantity	1.0 Count
Power Source	Battery Powered
Number of Batteries	2 AAA batteries required (included)
Response Time	1 Seconds
Reusability	Rechargeable (Note: This might refer to the general concept of reusable thermometers, not necessarily the batteries themselves being rechargeable if they are standard AAA)
UPC	854894005425
Item Weight	79 g
Product Dimensions	16.22 x 3.24 x 3.8 cm
Date First Available	23 April 2022

WARRANTY AND SUPPORT

Specific warranty information for the QardioTemp Digital Forehead Thermometer is not provided in this document. For details regarding warranty coverage, product support, or technical assistance, please refer to the official Qardio website or contact Qardio customer service directly. Contact information can typically be found on the product packaging or the manufacturer's website.