

ORIA B0DS8GYTCJ

ORIA Digital Infrared Thermometer User Manual

Model: B0DS8GYTCJ

1. INTRODUCTION

Thank you for choosing the ORIA Digital Infrared Thermometer. This non-contact temperature gun is designed for fast, accurate, and convenient surface temperature measurements across a wide range of applications, including cooking, automotive repair, and industrial use. It features a wide measurement range, fast response time, adjustable emissivity, and a backlit LCD display for ease of use.

Important Note: This device is **NOT** designed for measuring human body temperature. It measures surface temperature only.

2. SAFETY INFORMATION

- This device is **NOT** designed for humans.
- Adult operation only.
- Cannot measure the temperature of objects behind glass.
- Remove the batteries if storing the device for a prolonged period of time.
- DO NOT disassemble the device or tamper with internal components.
- Avoid direct eye exposure to the laser beam.

3. PACKAGE CONTENTS

Please check the package contents upon opening to ensure all items are present and undamaged:

- 1x ORIA Digital Infrared Thermometer
- 2x AAA batteries
- 1x User Manual



Image: Contents of the ORIA Digital Infrared Thermometer package, including the thermometer, two AAA batteries, and the user manual.

4. PRODUCT SPECIFICATIONS

Specification	Value
Measurement Range	-58°F~1022°F (-50°C~550°C)
Accuracy	±3°F (±1.5°C) from 14 to 302°F (-10 to 150°C), otherwise ±1.5%
Resolution	±1%/±1°C
Wavelength	5um-14um
Distance-Spot Ratio	12:1
Response Time	500ms

Specification	Value
Emissivity	0.10-1.00 (Default 0.95)
Backlight	Auto-off after 15 seconds
Auto-off	Auto-off after 30 seconds of inactivity
Battery	2x AAA batteries, 3.0V (included)
Material	Acrylonitrile Butadiene Styrene
Display Type	LCD

5. SETUP

5.1 Battery Installation

The ORIA Digital Infrared Thermometer requires 2 AAA batteries (included). Follow these steps to install them:

1. Locate the battery cover on the handle of the thermometer.
2. Slide or open the battery cover as indicated by the arrow or latch.
3. Insert the 2 AAA batteries, ensuring the correct polarity (+ and -) as marked inside the compartment.
4. Close the battery cover securely until it clicks into place.



Image: A detailed view of the ORIA Digital Infrared Thermometer, highlighting the battery cover and its opening mechanism.

The thermometer is now ready for use. If the low battery indicator appears on the display, replace the batteries promptly.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

To take a temperature reading:

1. Point the thermometer at the target surface. Ensure the distance-to-spot ratio (12:1) is considered for accurate readings.
2. Pull and hold the trigger. The laser pointer will activate (if enabled) to help aim, and the display will show the current temperature.
3. Release the trigger to hold the reading on the display. The device will automatically shut off after 30 seconds of inactivity to conserve battery.

Easy to Use

Simply pull the trigger

HOLD **SCAN** **LOCK**



Image: Demonstrates the ease of use, showing a user simply pulling the trigger to take a temperature reading of grilled food.

6.2 Display and Buttons

The LCD screen provides clear readings and indicators:

LCD Backlight Color Display



Image: Detailed view of the LCD display and control buttons, explaining icons for HOLD, SCAN, Temperature values, Infrared on, Low Battery Icon, °C/°F Switch, Emissivity (EMI), MAX, MIN, and AVG.

- **HOLD:** Indicates data hold function is active.
- **SCAN:** Indicates the device is actively scanning for temperature.
- **°C/°F Switch:** Press the °C/°F button to toggle between Celsius and Fahrenheit.
- **MAX/MIN/AVG:** Use the 'MODE' button to cycle through Maximum, Minimum, and Average temperature readings.
- **Infrared On/Off:** The laser pointer can be toggled on or off.
- **Backlight ON/OFF:** The display backlight can be turned on or off for visibility in different lighting conditions.
- **Low Battery Indicator:** An icon will appear when batteries need replacement.

6.3 Adjustable Emissivity

Emissivity is the ability of a material to emit energy. Different materials have different emissivity values. This thermometer allows you to adjust the emissivity from 0.10 to 1.00 (default 0.95) for more accurate readings on various surfaces.

1. While the device is on, press the 'MODE' button until 'EMI' appears on the display.

2. Use the up/down arrow buttons to adjust the emissivity value.
3. Refer to common emissivity tables for specific materials to achieve optimal accuracy.

Adjustable Emissivity

High accuracy for different surfaces
Increased Accuracy(0.1-1.0)



Image: Illustrates the adjustable emissivity feature, showing how to set the value and providing examples of common materials (oil, water, iron) with their corresponding emissivity for increased accuracy.

6.4 Product Demonstration Video

Your browser does not support the video tag.

Video: A short product show demonstrating the ORIA Digital Infrared Thermometer's features and appearance.

7. MAINTENANCE

- Keep the device clean and dry. Use a soft, damp cloth to wipe the exterior. Do not use abrasive cleaners or immerse the device in water.
- Clean the lens regularly with a soft cloth or cotton swab. Avoid touching the lens directly.

- Store the thermometer in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries if the device will not be used for an extended period to prevent leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity or replace with new AAA batteries.
Inaccurate readings.	Incorrect emissivity setting; target too far; lens dirty; device not designed for human temperature.	Adjust emissivity for the material; ensure proper distance; clean the lens; remember it's not for human use.
Laser not visible.	Laser function is turned off.	Press the laser button to turn it on.
Display is dim or flickering.	Low battery.	Replace batteries.

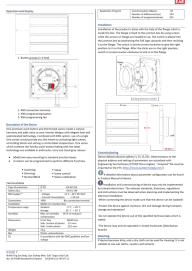
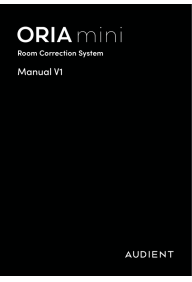
9. WARRANTY AND SUPPORT


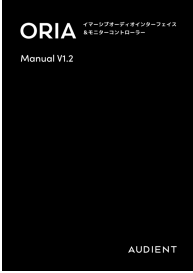


For warranty information and customer support, please refer to the documentation included with your purchase or contact ORIA customer service directly. Keep your purchase receipt for warranty claims.

Online Support: You may also visit the official ORIA store on Amazon for product information and support: [ORIA Store](#)

© 2025 ORIA. All rights reserved.

Related Documents - B0DS8GYTCJ

	<p>EAE KNX Oria Switch Series Installation Manual</p> <p>Installation guide for the EAE KNX Oria Switch Series, detailing operation, installation, technical specifications, and commissioning for smart home automation systems.</p>
	<p>Audient ORIA mini Room Correction System Manual</p> <p>The official manual for the Audient ORIA mini Room Correction System. Learn how to install, set up, and use this hardware solution, developed with Sonarworks, to achieve accurate studio monitoring and optimize your room acoustics.</p>

	<p>Audient ORIA mini Room Correction System Manual V1</p> <p>User manual for the Audient ORIA mini room correction system, covering introduction, installation, setup, hardware features, software functions, troubleshooting, technical specifications, warranty, and Sonarworks integration. Learn how to optimize your studio monitoring environment with this powerful tool.</p>
	<p>Audient ORIA & V1.2</p> <p>Audient ORIA &</p>
	<p>Defender Wired Gaming Mouse Operation Manual - Model Guide</p> <p>Comprehensive operation manual for Defender wired gaming mice, including safety instructions, usage precautions, technical specifications, and warranty details. Covers models like Arga GM-049, Draglen GM-907, and more.</p>
	<p>EAE KNX Panel Bilgilendirme Yazısı: Sistem Bileşenleri ve Kullanım Rehberi</p> <p>Bu belge, EAE tarafından sunulan KNX panellerinin sistem bileşenlerini (IP Router, Dali Gateway, Switch, Room Control Unit, Dimmer vb.) tanıtan ve ETS yazılımı kurulumu hakkında bilgi veren bir bilgilendirme yazısıdır. Laboratuvar ortamında kullanım ve test senaryolarına odaklanmaktadır.</p>