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> [IMIT Orion DAY Digital Daily Thermostat User Manual](#)

IMIT Orion DAY

IMIT Orion DAY Digital Daily Thermostat

USER MANUAL

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your IMIT Orion DAY Digital Daily Thermostat. Please read it carefully before use to ensure proper functioning and to maximize the benefits of your device. This thermostat is designed for precise temperature control in heating and/or cooling systems.

2. Safety Information

- Always disconnect power to the heating/cooling system before attempting any installation or maintenance.
- Installation should be performed by a qualified electrician to ensure compliance with local electrical codes and safety standards.
- Do not expose the device to extreme temperatures, direct sunlight, high humidity, or corrosive environments.
- Use only the specified battery type (2x 1.5V AAA alkaline batteries).
- Keep the device out of reach of children.

3. Product Overview

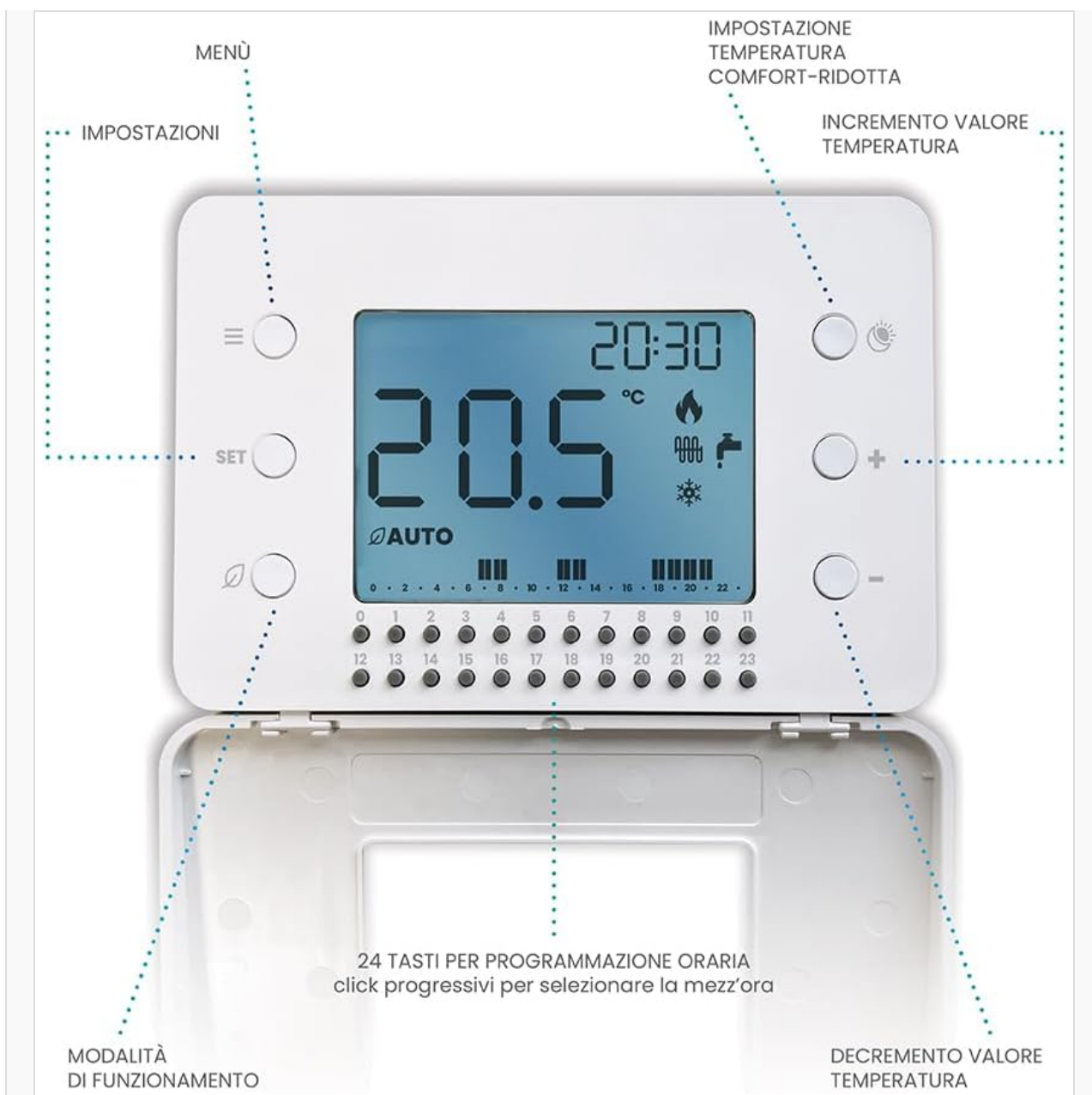
The IMIT Orion DAY is a digital daily programmable thermostat featuring a clear LCD display and intuitive controls for setting daily temperature schedules. It offers advanced temperature regulation with TPI logic for enhanced energy efficiency.



The IMIT Orion DAY thermostat mounted on a wall, demonstrating its discreet and modern design in a home environment.



Detailed view of the IMIT Orion DAY's LCD display, showing the current time, measured temperature, set temperature, active program, and operating icons for heating/cooling and summer/winter modes. It also highlights the hourly programming segments.



Close-up of the IMIT Orion DAY thermostat's control panel, revealing the menu button, settings button, mode button, temperature increment/decrement buttons, and the 24 hourly pushbuttons for daily programming. The cover is open to show the programming buttons.

4. Setup

4.1 Mounting and Wiring

The thermostat should be mounted on a flat wall surface, approximately 1.5 meters (5 feet) from the floor, away from direct sunlight, drafts, or heat sources that could affect temperature readings. Ensure the main power supply to the heating/cooling system is disconnected before proceeding with wiring.

Connect the thermostat to your boiler or air conditioning unit via cable as per the wiring diagram provided in the full installation guide (typically included with the product packaging). Professional installation by a qualified electrician is strongly recommended to ensure correct and safe wiring.

4.2 Battery Installation

The IMIT Orion DAY thermostat is powered by two 1.5V AAA alkaline batteries. To install:

1. Gently open the battery compartment cover, usually located on the front or back of the device.
2. Insert the two AAA batteries, ensuring correct polarity (+ and - terminals match the markings inside)

the compartment).

3. Close the battery compartment cover securely. The display will activate, and the thermostat will be ready for initial setup.

5. Operating Instructions

5.1 Initial Setup (Time and Date)

Upon first power-up or after battery replacement, you may need to set the current time and date. Refer to the detailed instructions in the full product manual for specific button sequences to adjust these settings. Accurate time and date are crucial for the daily programming function.

5.2 Modes of Operation

The IMIT Orion DAY typically offers the following operating modes, selectable via the mode button:

- **Manual Mode:** In this mode, the thermostat maintains a constant temperature that you set manually. It will not follow any programmed schedule until you switch back to Automatic mode.
- **Automatic Mode:** The thermostat operates according to the daily temperature program you have set using the micropushbuttons.
- **Antifreeze Mode:** This mode maintains a minimum temperature (e.g., 5°C or 41°F) to prevent pipes from freezing during periods of absence or in unheated areas.

5.3 Daily Programming

The thermostat features 24 micropushbuttons, each corresponding to a half-hour segment of the day (from 0 to 23.5 hours). To program your daily schedule:

1. Open the front cover to access the programming buttons.
2. For each half-hour segment, press the corresponding button **in** to set the **comfort temperature** (higher temperature).
3. Leave the button **out** to set the **reduced temperature** (lower temperature, e.g., for night or when away).
4. Once all 24 buttons are set for your desired daily schedule, close the cover.

The thermostat will then follow this program when in Automatic Mode.

5.4 Temperature Adjustment

Use the '+' and '-' buttons on the control panel to manually adjust the set temperature. In Automatic Mode, this typically acts as a temporary override until the next programmed temperature change occurs.

5.5 TPI Logic

The IMIT Orion DAY supports TPI (Temperature Proportional Integral) logic, which is an advanced control algorithm (ErP Class IV) designed to optimize energy efficiency by learning the thermal characteristics of your home. It can also operate with traditional ON/OFF logic (ErP Class I).

6. Maintenance

6.1 Battery Replacement

When the low battery indicator appears on the display, it is time to replace the batteries. Promptly replace both 2x 1.5V AAA alkaline batteries to ensure continuous and accurate operation. Always replace both batteries simultaneously to avoid issues.

6.2 Cleaning

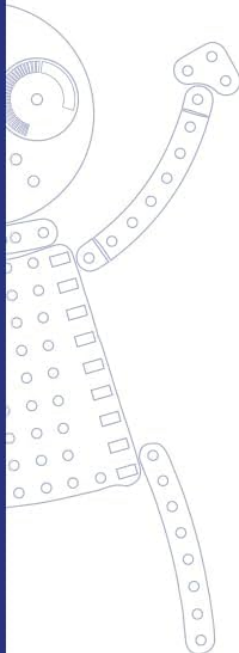
Clean the thermostat's exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the device's finish or internal components.

7. Troubleshooting

- **No Display / Blank Screen:** Check if the batteries are correctly installed and charged. Replace both AAA batteries if necessary.
- **Incorrect Temperature Reading:** Ensure the thermostat is not exposed to direct heat sources (e.g., sunlight, lamps) or strong drafts (e.g., open windows, air vents) that could affect its sensor.
- **Heating/Cooling System Not Activating:** Verify all wiring connections are secure. Check the operating mode (ensure it's not in Antifreeze or Manual mode with a low setpoint). Review your programmed schedule. Ensure the main power supply to your heating/cooling system is on.
- **Programming Issues:** Carefully review the daily programming steps. Ensure all 24 micropushbuttons are set to your desired comfort or reduced temperature levels.
- **Thermostat Not Responding:** Try removing the batteries for a few minutes and then reinserting them to perform a soft reset. If issues persist, consult a qualified technician.

8. Specifications

ORION DAY



IMIT
IMIT CONTROL SYSTEM

Alimentazione = Batterie alcaline 2x1,5V Tipo AAA (durata > 1 anno) Tipo di regolazione = Selezionabile in fase di installazione
 Classe ErP = IV (-2%) in modalità ON/OFF con TPI
 Classe ErP = I (-1%) in modalità ON/OFF tradizionale
 Tipo di impianto = Riscaldamento/Condizionamento
 Modi di funzionamento = Manuale / Automatico / Antigelo
 Tipo di Programmazione = Giornaliera su 2 livelli di temperatura
 Fascia oraria minima di programmazione = 30 minuti
 Portata massima contatti = 5A (1A) 250Vac (solo modalità ON/OFF)
 Campo di regolazione della temperatura = 5,0-35,0 °C
 Tolleranza +/- 0,3 K - Differenziale = Regolabile tra 0,1 e 2,0 K (Standard 0,2 K)
 Opzioni = Formato orologio 12/24H
 Display retroilluminato - Temperatura ambiente massima = 50°C
 Temperatura stoccaggio = -25°C ÷ 60°C
 Classe di isolamento = Tipo II (Doppio isolamento)
 Grado di protezione = IP20 - Omologazioni = CE

Power supply = 2x1.5V AAA type alkaline batteries (lasting > 1 year) Type of regulation = Selectable during installation
 ErP class = IV (-2%) in ON/OFF mode with TPI
 ErP class = I (-1%) in traditional ON/OFF mode
 Type of system = Heating/Air Conditioning
 Operating modes = Manual / Automatic / Antifreeze
 Type of Programming = Daily on 2 temperature levels
 Minimum programming time slot = 30 minutes
 Contact maximum rating = 5A (1A) 250Vac (ON/OFF mode only)
 Temperature setting range = 5.0-35.0 °C
 Tolerance +/- 0.3K - Differential = Adjustable between 0.1 and 2.0K (Standard 0.2K)
 Options = Clock format 12/24H - Backlit display
 Maximum ambient temperature = 50°C - Storage temperature = -25°C ÷ 60°C
 Insulation class = Type II (Double insulation) - Degree of protection = IP20
 Approvals = CE

This image provides a detailed technical specification sheet for the IMIT Orion DAY thermostat, listing parameters such as power supply, ErP class, system type, operating modes, programming type, minimum programming time slot, contact maximum rating, temperature setting range, tolerance, options, maximum ambient temperature, storage temperature, insulation class, degree of protection, and approvals.

Feature	Specification
Brand	IMIT
Model Name	Orion DAY
Power Supply	2x 1.5V AAA alkaline batteries (duration > 1 year)
Programming Type	Daily, 2 temperature levels
Min. Programming Time Slot	30 minutes
Operating Modes	Manual, Automatic, Antifreeze
Controller Type	Pushbutton
Special Feature	TPI
ErP Class (TPI)	IV (-2%)

ErP Class (Traditional ON/OFF)	I (-1%)
System Type	Heating and/or Air Conditioning
Contact Rating	5A (1A) 250Vac (ON/OFF mode only)
Temperature Setting Range	5.0-35.0 °C
Tolerance	+/- 0.3K
Differential	Adjustable between 0.1 and 2.0K (Standard 0.2K)
Display	LCD, Backlit
Max Ambient Temperature	50°C
Storage Temperature	-25°C to +60°C
Insulation Class	Type II (Double insulation)
Protection Degree	IP20
Approvals	CE

9. Warranty and Support

For detailed warranty information, terms, and conditions, please refer to the documentation provided with your IMIT Orion DAY purchase. Keep your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or to inquire about spare parts, please visit the official IMIT website or contact their customer service department using the contact information provided in your product packaging or on their website.