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› iSnatch 49.6935.60 Digital Chronothermostat User Manual

## iSnatch 49.6935.60

# iSnatch 49.6935.60 Digital Chronothermostat User Manual

Battery-Powered Thermostat with Display for 503 Built-in Box

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your iSnatch 49.6935.60 Digital Chronothermostat. This device is designed to regulate room temperature efficiently, offering both automatic and manual programming options. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

## 2. PRODUCT OVERVIEW

The iSnatch 49.6935.60 is a battery-powered digital chronothermostat featuring a clear display and intuitive controls. It is designed for flush mounting in a standard 503 built-in box.



Figure 2.1: Front view of the iSnatch 49.6935.60 Digital Chronothermostat, showing the display and control buttons.

## 2.1. Components

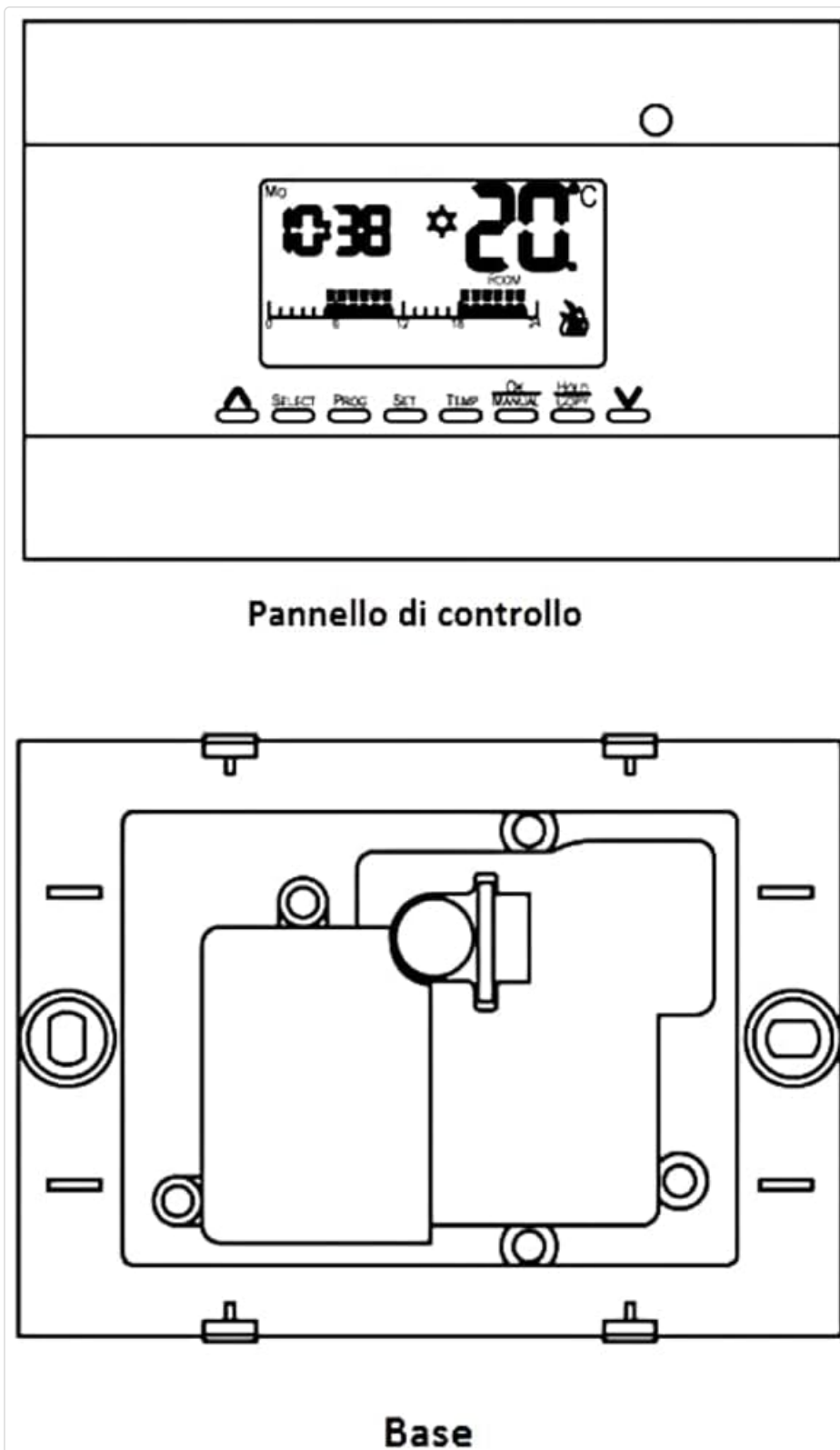
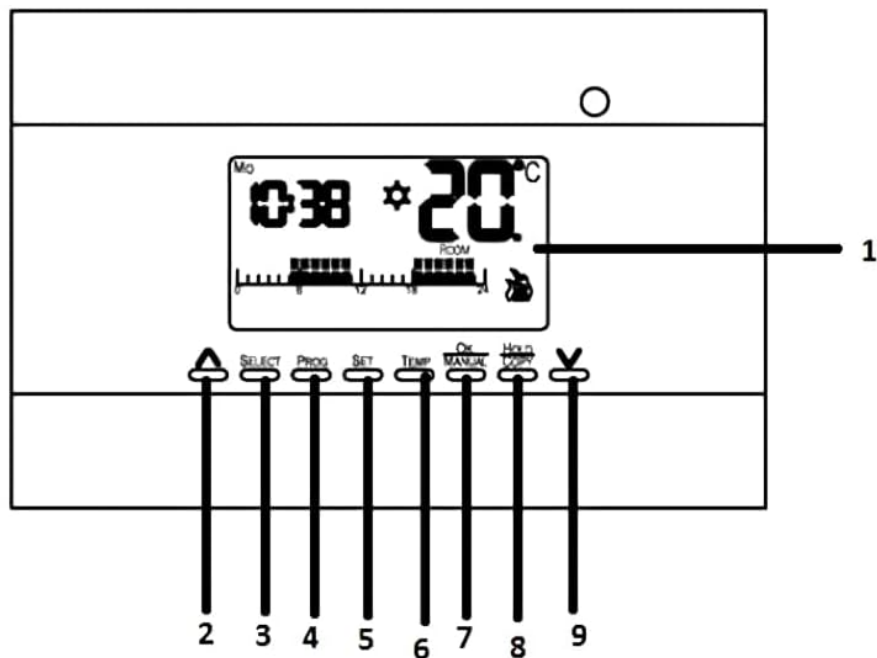


Figure 2.2: Diagram illustrating the control panel and the mounting base of the chronothermostat.

The chronothermostat consists of two main parts: the Control Panel, which houses the display and buttons, and the Base, which is mounted into the wall box and provides electrical connections.

## 2.2. Control Panel Buttons

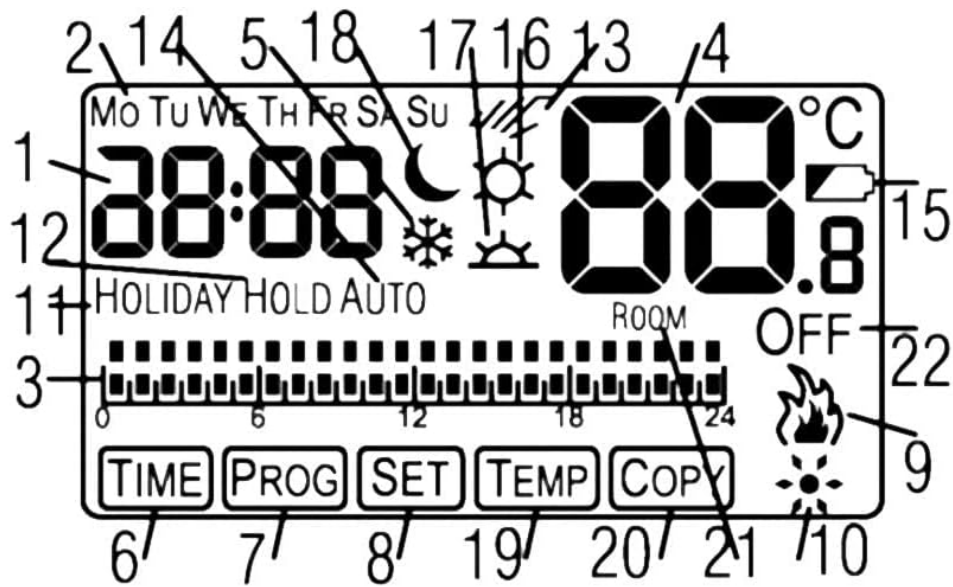


- |   |   |
|---|---|
| <b>1) Display</b>                       | <b>6) Tasto temperatura (TEMP)</b>      |
| <b>2) Tasto impostazione funzione +</b> | <b>7) Tasto di conferma OK / MANUAL</b> |
| <b>3) Tasto selezione (SELECT)</b>      | <b>8) Tasto HOLD / COPY</b>             |
| <b>4) Tasto programmazione (PROG)</b>   | <b>9) Tasto impostazione funzione -</b> |
| <b>5) Tasto regolazione (SET)</b>       |   |

Figure 2.3: Labeled diagram of the control panel buttons.

1. Display
2. Function Setting Button +
3. Select Button (SELECT)
4. Programming Button (PROG)
5. Adjustment Button (SET)
6. Temperature Button (TEMP)
7. OK / Manual Confirmation Button
8. HOLD / COPY Button
9. Function Setting Button -

### 2.3. Display Indicators



- |  |   |
|--|---|
| 1) Orologio                                    | 12) Mantenimento costante temperatura impostata (HOLD)  |
| 2) Giorno della settimana                      | 13) Indicatore sovrascrittura manuale della temperatura |
| 3) Indicatore profilo programma (barra 24 ore) | 14) Indicatore programmazione automatica (AUTO)         |
| 4) Temperatura                                 | 15) Indicatore batterie scariche                        |
| 5) ❄ Antigelo                                  | 16) ☀ Temperatura Comfort                               |
| 6) Indicatore TIME (regolazione orologio)      | 17) ☀ Temperatura Semi-Comfort                          |
| 7) Indicatore PROG (regolazione programma)     | 18) 🌙 Temperatura Economy                               |
| 8) Indicatore di selezione (SET)               | 19) Indicatore TEMP (regolazione temperatura)           |
| 9) Sistema di Riscaldamento                    | 20) Indicatore COPY (copia programmazione giorno)       |
| 10) Sistema di Raffreddamento                  | 21) Indicatore ROOM (temperatura ambiente)              |
| 11) Modalità vacanza (HOLIDAY)                 | 22) Indicatore OFF (spegnimento)                        |

Figure 2.4: Labeled diagram of the display indicators.

1. Clock
2. Day of the week
3. Program Profile Indicator (24-hour bar)
4. Temperature
5. Antifreeze Indicator
6. TIME Indicator (Clock Adjustment)
7. PROG Indicator (Program Adjustment)
8. SET Indicator (Selection)
9. Heating System Indicator
10. Cooling System Indicator
11. Holiday Mode (HOLIDAY)
12. Constant Set Temperature Maintenance (HOLD)
13. Manual Temperature Override Indicator
14. Automatic Programming Indicator (AUTO)
15. Low Battery Indicator
16. Comfort Temperature Indicator
17. Semi-Comfort Temperature Indicator
18. Economy Temperature Indicator

19. TEMP Indicator (Temperature Adjustment)
20. COPY Indicator (Day Program Copy)
21. ROOM Indicator (Ambient Temperature)
22. OFF Indicator (Power Off)

## 3. SETUP

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### 3.1. Installation

The iSnatch 49.6935.60 chronothermostat is designed for flush mounting into a standard 503 built-in electrical box. Ensure that power to the circuit is turned off at the main breaker before beginning installation.

1. Carefully separate the control panel from the mounting base.
2. Connect the electrical wiring from your heating/cooling system to the appropriate terminals on the base. Refer to the wiring diagram provided with the product packaging for specific connections.
3. Secure the base into the 503 built-in box using the provided screws. Ensure it is flush with the wall surface.
4. Once the base is securely mounted and wired, proceed to battery insertion.

### 3.2. Battery Insertion

The chronothermostat is battery-powered, requiring 3 Volts (typically 2x AA or AAA batteries, refer to the battery compartment for exact type). Proper battery insertion is crucial for operation.

1. Locate the battery compartment on the back of the control panel.
2. Insert the batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Once batteries are inserted, the display should illuminate, and the device will be ready for initial setup.
4. Carefully reattach the control panel to the mounted base, ensuring it clicks securely into place.

## 4. OPERATING INSTRUCTIONS

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### 4.1. Initial Power-On and Clock Setting

After battery insertion, the device will power on. You may need to set the current time and day.

1. Press the **SET** button (5) to enter the settings menu.
2. Use the **Function Setting Buttons +** (2) and **-** (9) to navigate to the clock setting (indicated by the **TIME** indicator (6)).
3. Press **OK / MANUAL** (7) to confirm and adjust the hour, then minute, and finally the day of the week using the **+** (2) and **-** (9) buttons.
4. Press **OK / MANUAL** (7) after each adjustment to move to the next setting.
5. Press **SET** (5) to exit the settings menu.

### 4.2. Basic Temperature Adjustment (Manual Mode)

To manually set a desired temperature:

1. Ensure the device is in manual mode (the **Manual Temperature Override Indicator** (13) may be visible, or the **AUTO** indicator (14) is off). If in automatic mode, press **OK / MANUAL** (7) to switch to manual.
2. Press the **TEMP** button (6) or (19).

3. Use the **Function Setting Buttons +** (2) and - (9) to adjust the desired temperature.
4. The new temperature will be maintained until the next programmed event or until manually changed again.

### 4.3. Programming Automatic Operation

The chronothermostat allows for automatic temperature programming throughout the day and week.

1. Press the **PROG** button (4) to enter programming mode (the **PROG** indicator (7) will appear).
2. Use the **SELECT** button (3) to choose the day or group of days you wish to program.
3. Use the **+** (2) and **-** (9) buttons to set the desired temperature for specific time blocks. The **Program Profile Indicator (24-hour bar)** (3) will help visualize the schedule.
4. You can set different temperature levels: **Comfort** (16), **Semi-Comfort** (17), and **Economy** (18).
5. Press **OK / MANUAL** (7) to confirm each setting and move to the next time block or day.
6. The **COPY** button (8) or (20) can be used to copy a day's program to another day.
7. Press **PROG** (4) again to exit programming mode. The **AUTO** indicator (14) should be visible, indicating automatic operation.

### 4.4. Special Modes

- **HOLD Mode (12):** Press the **HOLD / COPY** button (8) to activate. This mode maintains a constant set temperature indefinitely, overriding the programmed schedule. Adjust the temperature using **+** (2) and **-** (9). Press **HOLD / COPY** (8) again to deactivate.
- **HOLIDAY Mode (11):** This mode allows you to set a specific temperature for an extended period, useful when you are away. Consult the full product manual for detailed steps on setting the duration and temperature for Holiday Mode.
- **Antifreeze Mode (5):** This mode automatically activates if the ambient temperature drops below a preset minimum (e.g., 5°C) to prevent pipes from freezing. This is typically an automatic safety feature.

### 4.5. Turning Off the Device

To turn off the chronothermostat, look for an **OFF** indicator (22) or a specific power button. If not present, removing the batteries will power down the device. Note that some models may have a standby mode rather than a full power-off.

## 5. MAINTENANCE

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### 5.1. Cleaning

To clean the chronothermostat, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the device and its display.

### 5.2. Battery Replacement

When the **Low Battery Indicator** (15) appears on the display, it is time to replace the batteries. Prompt replacement ensures continuous operation and prevents loss of settings.

1. Carefully detach the control panel from the mounting base.
2. Remove the old batteries from the compartment.
3. Insert new batteries of the correct type and voltage (e.g., 2x AA or AAA, 3 Volts), observing correct polarity.
4. Reattach the control panel to the base. You may need to reset the clock and date after battery

replacement.

## 6. TROUBLESHOOTING

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- **Device not responding / Display blank:** Check if batteries are correctly inserted and have sufficient charge. Replace batteries if the low battery indicator was present or if the device remains unresponsive.
- **Temperature not changing:** Ensure the device is in the correct operating mode (e.g., not in OFF mode). Verify that the heating/cooling system is receiving the signal from the thermostat. Check wiring connections at the base.
- **Error message on display:** If an error message appears, try removing the batteries for a few minutes and reinserting them to perform a soft reset. If the error persists, consult the manufacturer's support.
- **Inaccurate temperature readings:** Ensure the chronothermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its internal sensor.

## 7. SPECIFICATIONS

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- **Model Number:** 49.6935.60
- **Voltage:** 3 Volts
- **Item Weight:** 1 Kilogram
- **Package Dimensions:** 10 x 6 x 2 cm
- **Backlight:** Yes
- **Installation:** Built-in (compatible with 503 box)

## 8. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your purchase or contact the iSnatch customer service. Keep your proof of purchase for warranty claims.