

## Nobo NCU2T

# NOBO NCU2T Thermostat User Manual

Model: NCU2T

## 1. INTRODUCTION

The Nobo NCU2T Thermostat is designed to provide precise temperature control for electric radiators. Featuring a practical digital display, it allows users to easily set and manage both Comfort and Economy temperatures. This thermostat is ideal for optimizing energy consumption by enabling local management of two distinct temperature settings, particularly useful for reducing heating during night-time hours or periods of absence.

The Economy setting, which can be utilized during the night or when the premises are unoccupied, allows for the radiator to be switched off or maintained at a temperature between 7°C and 30°C, contributing to energy efficiency.

## 2. PRODUCT FEATURES

- NCU-2T Programmable Digital Thermostat
- Two programmable temperatures: Comfort and Eco
- Unlimited programming with weekly repetition
- ErP 2018 Compliant
- Also compatible with DIMPLEX models



Figure 1: Front view of the Nobo NCU2T Thermostat, showing its digital display and control buttons. The display shows "21°C" and "10 13:45", indicating current temperature and time.

### 3. SETUP

Before installation, ensure the main power supply to the electric radiator is disconnected. The NCU2T thermostat is designed for integration with compatible electric radiators, including Nobo and Dimplex models. Refer to the specific radiator's installation guide for detailed wiring instructions.

1. **Mounting:** Securely attach the thermostat to the designated slot on your electric radiator according to the radiator's manual.
2. **Connection:** Ensure all electrical connections are made correctly and securely. If unsure, consult a qualified electrician.
3. **Power On:** Once installation is complete and verified, restore power to the radiator. The thermostat display should illuminate.
4. **Initial Settings:** Upon first power-up, the thermostat may require initial time and date settings. Follow the on-screen prompts or refer to the "Operating Instructions" section for guidance.



Figure 2: A Nobo electric radiator, likely equipped with the NCU2T thermostat, mounted on a wall in a modern living room setting, next to a brown armchair and a window.

## 4. OPERATING INSTRUCTIONS

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The NCU2T thermostat offers intuitive control over your heating. Use the buttons adjacent to the digital display to navigate menus and adjust settings.

### 4.1 Setting Comfort and Economy Temperatures

- **Comfort Temperature:** This is your desired temperature when you are present and active in the room. Access the settings menu to adjust this value, typically between 7°C and 30°C.
- **Economy Temperature:** This setting is for periods when you are away or during night-time. It can be set lower than the Comfort temperature to save energy, or even to switch off the radiator if desired.

### 4.2 Programming Weekly Schedules

The thermostat supports unlimited weekly programming, allowing you to set different Comfort and Economy periods for each day of the week. This feature helps automate your heating to match your lifestyle and maximize energy savings.

1. Press the "Menu" button (refer to the thermostat's button layout for exact labeling).
2. Navigate to the "Programming" or "Schedule" option.
3. Select the day of the week you wish to program.
4. Set the start and end times for Comfort and Economy modes for that day.
5. Repeat for all desired days.
6. Save your settings before exiting the programming mode.



Figure 3: A Nobo electric radiator, likely with the NCU2T thermostat, installed on a wall in a bedroom, positioned beneath a window and next to a bedside table with a lamp.

## 5. MAINTENANCE

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The Nobo NCU2T Thermostat requires minimal maintenance to ensure optimal performance and longevity.

- **Cleaning:** Periodically wipe the thermostat's surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the display or internal components.
- **Dust Removal:** Ensure the area around the thermostat and radiator is free from excessive dust buildup, which can affect sensor accuracy.
- **Inspection:** Occasionally check for any visible damage or loose connections. If any issues are observed, disconnect power and consult a qualified technician.

## 6. TROUBLESHOOTING

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If you encounter issues with your NCU2T thermostat, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Display is blank	No power supply; loose connection.	Check power to the radiator. Ensure thermostat is securely connected.
Radiator not heating	Thermostat set to Economy/Off; incorrect temperature setting; radiator fault.	Verify thermostat settings. Increase Comfort temperature. Check radiator's own power/fault indicators.
Temperature inaccurate	Sensor obstructed; thermostat in direct sunlight/draft.	Ensure no objects are blocking the sensor. Relocate if exposed to extreme conditions.
Programming not working	Incorrect schedule entry; program not activated.	Review and re-enter programming schedule carefully. Ensure programming mode is active.

If the problem persists after attempting these solutions, please contact Nobo customer support or a qualified technician.

## 7. SPECIFICATIONS

Attribute	Detail
Brand	Nobo
Model	NCU2T
Color	White
Item Weight	100 grams
Voltage	230 Volt
Material	Metal
Automatic Shutdown	No
Special Features	Programmable
Controller Type	Manual Control
Specific Product Uses	Home heating
First Available	July 29, 2018

## 8. WARRANTY AND SUPPORT

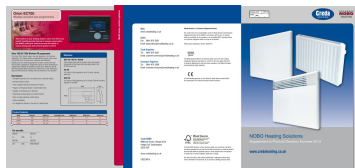
For information regarding the warranty period and terms for your Nobo NCU2T Thermostat, please refer to the documentation provided with your purchase or visit the official Nobo website. For technical support, troubleshooting assistance beyond this manual, or spare parts, please contact Nobo customer service directly.

You can find contact information on the Nobo official website or through your local distributor. Please have your product model number (NCU2T) and purchase date ready when contacting support.



## Documents - Nobo – NCU2T

### [\[pdf\]](#) Borchure



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Orion EC700 Wireless and pilot wire programmers Total control of your heating system, when and where ... odel NTE4N07 NTE4N10 NTE4N12 NTE4N15 NTE4N20 Rating kW 0.75 1 1.25 1.5 2 Control Modules NCU1S **NCU2T** NCU1R NCU2R Height mm 400 400 400 400 400 Width mm 625 725 925 1025 1125 Depth from wall mm 40 40 40 40 40 lang:en **score:28** filesize: 994.14 K page\_count: 2 document date: 2015-12-11

### [\[pdf\]](#) User Manual Price List



Part Number DESCRIPTION gdhv 2020 Price Exc VAT Inc 100000124 FERGAS BLOWER AC3N 50965B £93 67 £112 41 100000070 ! CENTRIFUGAL 12993 £165 20 £198 24 X 11863 !Fan Duct thermistor Quantum £21 02 £25 23 12261 STORAGE CUTOUT MANUAL £9 99 £11 12179 AC3CN GRILLE ASSEMBLY £111 63 £133 95 12233 CFH Outlet Grille Assembly £36 £44 00 spares price list 13 07 21 sites default files |||

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V1 Part Number DESCRIPTION 2021 Price Exc VAT Inc 100000124 FERGAS BLOWER AC3N 50965B £104 92 £125 90 100000070 ! CENTRIFUGAL 12993 £185 02 £222 03 X 11863 !Fan Duct thermistor Quantum £23 55 £28 25 12261 STORAGE CUTOUT MANUAL £11 19 £13 43 12179 AC3CN GRILLE ASSEMBLY £150 12233 CFH Outlet Grille Assembly £41 07 £49 28 1st november gdhv spares price list 1 0 sites default files |||

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