

## SEITRON KCR006

# Seitron Magitime Wireless Programmable Thermostat Kit KCR006

## User Instruction Manual

### 1. INTRODUCTION

The Seitron Magitime Wireless Programmable Thermostat Kit, model KCR006, provides advanced temperature control for your heating or cooling system. This kit consists of a battery-powered wireless thermostat and a single-channel receiver designed to control your boiler. The system utilizes an 868 MHz radio frequency for reliable communication, offering a range of up to 50 meters in standard building environments. This design allows for flexible installation without the need for extensive wall wiring.

This manual provides essential information for the proper installation, operation, and maintenance of your Seitron Magitime kit. Please read it thoroughly before use.

### 2. SAFETY INFORMATION

- Always disconnect power to the heating/cooling system before installing or servicing the receiver.
- Installation should be performed by a qualified technician if you are unsure about electrical wiring.
- Do not expose the thermostat or receiver to water or excessive humidity.
- Use only the specified battery type for the thermostat.
- Keep out of reach of children.

### 3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Seitron Magitime Wireless Programmable Thermostat (DCW 01B)
- Wireless Receiver (DRR 01M)
- Thermostat mounting base
- Instruction Manual
- Batteries (may be included or sold separately)

### 4. PRODUCT OVERVIEW

The Seitron Magitime kit comprises two main units: the wireless thermostat and the wireless receiver. The

thermostat allows you to set and program your desired temperature, while the receiver connects to your heating/cooling system to execute commands received from the thermostat.



This image displays the Seitron Magitime Wireless Programmable Thermostat (left, labeled DCW 01B) and its accompanying Wireless Receiver (right, labeled DRR 01M). The thermostat features a digital display showing '16.4' and control buttons on the sides. A green plus sign indicates they are a kit.

#### 4.1. Wireless Thermostat (DCW 01B)

- **Digital Display:** Shows current temperature, set temperature, time, and program status.
- **Control Buttons:** Used for setting temperature, programming, and mode selection.
- **Battery Compartment:** Located on the back for power supply.

#### 4.2. Wireless Receiver (DRR 01M)

- **Status Indicators:** LEDs to show power, communication, and relay status.
- **Pairing Button:** Used to establish communication with the thermostat.
- **Terminal Block:** For connection to the boiler/heating system.

### 5. SETUP

## 5.1. Receiver Installation

1. **Power Disconnection:** Ensure the main power to your heating/cooling system is turned off at the circuit breaker.
2. **Mounting:** Mount the receiver in a suitable location near your boiler, away from large metal objects that could interfere with radio signals.
3. **Wiring:** Connect the receiver to your boiler's control terminals according to the wiring diagram provided in the separate installation guide (not included in this manual). Ensure correct polarity and secure connections.
4. **Power Connection:** Restore power to the heating/cooling system. The receiver's power indicator LED should illuminate.

## 5.2. Thermostat Setup

1. **Battery Insertion:** Open the battery compartment on the back of the thermostat and insert the required batteries, observing correct polarity. The display should power on.
2. **Mounting:** Place the thermostat on its mounting base in a central location within the heated area, away from direct sunlight, drafts, or heat sources.
3. **Initial Pairing:**
  - On the receiver, press and hold the pairing button until its pairing LED starts flashing.
  - On the thermostat, access the pairing menu (refer to the specific button sequence in the full product manual).
  - Once paired, the receiver's pairing LED will stop flashing and remain solid, and the thermostat will indicate successful connection.
4. **Date and Time Setting:** Set the current date and time on the thermostat using the control buttons.

## 6. OPERATING INSTRUCTIONS

---

### 6.1. Basic Temperature Setting

- In normal operating mode, use the UP/DOWN buttons to adjust the desired temperature. The new setting will be active until the next programmed event or manual override.

### 6.2. Mode Selection (Heating/Cooling)

- Press the MODE button (or similar, refer to your specific model's button layout) to cycle through available modes: Heating, Cooling, Auto, Off. Select the appropriate mode for your system.

### 6.3. Programming Weekly Schedule

The Magitime thermostat allows for weekly programming to optimize energy consumption.

1. **Enter Program Mode:** Press the PROGRAM button (or similar) to enter the scheduling interface.
2. **Select Day:** Use navigation buttons to select the day of the week you wish to program.
3. **Set Time Periods and Temperatures:** For each day, you can typically set multiple time periods with corresponding desired temperatures. Adjust the start time and temperature for each period.
4. **Copy Programs:** Some models allow copying programs from one day to another.
5. **Exit Program Mode:** Save your settings and exit program mode. The thermostat will now follow the set schedule.

### 6.4. Advanced Functions

Refer to the comprehensive product manual for details on advanced functions such as holiday mode, anti-freeze protection, and calibration settings.

## 7. MAINTENANCE

### 7.1. Battery Replacement

- When the low battery indicator appears on the thermostat display, replace the batteries promptly.
- Open the battery compartment on the back of the thermostat.
- Remove old batteries and insert new ones, ensuring correct polarity.
- Dispose of old batteries responsibly according to local regulations.

### 7.2. Cleaning

- Clean the thermostat and receiver surfaces with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the units.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat display is blank.	Dead batteries.	Replace batteries.
Heating/Cooling system not responding.	No communication between thermostat and receiver; Receiver not powered; Incorrect wiring.	Check receiver power; Re-pair thermostat and receiver; Verify wiring connections.
Temperature reading seems inaccurate.	Thermostat placed in an unsuitable location (draft, direct sun); Calibration needed.	Relocate thermostat; Refer to manual for calibration instructions.
Receiver status LED is off.	No power to the receiver.	Check power supply to the receiver and circuit breaker.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact customer support.

## 9. SPECIFICATIONS

Brand	SEITRON
Model Number	KCR006
Product Dimensions (L x W x H)	13.2 x 3.1 x 8.7 cm
Item Weight	450 grams
Material	Plastic
Connectivity Technology	Radio (868 MHz)
Power Source	Battery powered (Thermostat)

Display Type	Digital
Control Method	Touch
Controller Type	Push button
Temperature Control Type	Remote control
Included Components	Thermostat, wireless receiver

## 10. WARRANTY AND SUPPORT

Information regarding product warranty and customer support was not available in the provided product data. Please refer to the product packaging or the manufacturer's official website for detailed warranty terms and contact information for technical support.