SkyTech 9800325

Skytech 9800325 SKY-3301P2 Backlit Programmable Fireplace Remote Control User Manual

Model: 9800325 | Brand: SkyTech

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Skytech 9800325 SKY-3301P2 remote control system. This system is designed to offer safe, reliable, and user-friendly control for gas heating appliances. It supports both thermostatic and manual operation from the transmitter.

The system utilizes radio frequencies (RF) for communication within a 20-foot range, employing non-directional signals. Each system operates on one of 1,048,567 security codes, pre-programmed at the factory. It is essential to match the remote receiver's code to that of the transmitter before initial use.

PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged. The package should include:

- Transmitter (Remote Control Unit)
- Receiver Unit
- Wall Holder for Transmitter
- Wall Plate
- Installation Instructions
- Batteries (2 AAA for transmitter, 4 AA for receiver)

Image 1: Overview of the Skytech 9800325 SKY-3301P2 remote control system, showing the handheld transmitter, the wall-mounted receiver, and the wired receiver box.

SETUP AND INSTALLATION

1. Battery Installation

Transmitter: Open the battery compartment on the back of the transmitter and insert two (2) AAA batteries, observing the correct polarity. Close the compartment securely.
Receiver: Open the battery compartment on the receiver unit and insert four (4) AA batteries, observing the correct polarity. Close the compartment securely.

2. Receiver Placement and Wiring

The receiver can be installed in the wall, on the hearth, or under the fireplace behind the control access panel. Ensure the receiver is placed in a location that allows for proper signal reception from the transmitter and is not exposed to excessive heat.

Connect the two wires from the receiver to the appropriate terminals on your gas heating appliance's control valve. Refer to your appliance's manual for specific wiring instructions. Ensure all connections are secure and properly insulated.

Image 2: Close-up of the receiver unit, showing the 'OFF', 'REMOTE', 'ON' slider switch and 'LEARN' button. This unit connects to the fireplace.

3. Matching Security Codes (Learning Function)

The transmitter and receiver are factory-matched. However, if they lose synchronization or if you are replacing a component, you may need to re-match them:

1. Ensure batteries are installed in both the transmitter and receiver.
2. Locate the 'LEARN' button on the receiver unit.
3. Press and hold the 'LEARN' button on the receiver until you hear a series of beeps (approximately 1-2 seconds).
4. Within 10 seconds, press any button on the transmitter. The receiver will emit another series of beeps, confirming that the codes have been matched.

If the matching process fails, repeat the steps. Ensure the transmitter is within 20 feet of the receiver during this process.

OPERATING INSTRUCTIONS

Transmitter Controls

Image 3: Close-up of the handheld transmitter, showing the backlit LCD display with room temperature and set temperature, and the 'DOWN', 'MODE', 'UP' buttons. The flip cover conceals 'PROG' and 'SET' buttons.

- **UP Button:** Increases temperature setting or navigates menu options.
- **DOWN Button:** Decreases temperature setting or navigates menu options.
- **MODE Button:** Cycles through operating modes (ON, THERMO, OFF, PROGRAM).
- **PROG Button (under flip cover):** Used for programming thermostat schedules.
- **SET Button (under flip cover):** Used to confirm settings or enter programming mode.

Receiver Slider Switch

The receiver unit has a three-position slider switch:

- **ON:** Manually turns the appliance ON, bypassing remote control.
- **REMOTE:** Allows the appliance to be controlled by the transmitter.
- **OFF:** Manually turns the appliance OFF, bypassing remote control.

For normal operation with the remote control, ensure the receiver switch is set to **REMOTE**.

Operating Modes

Press the **MODE** button on the transmitter to cycle through the following modes:

- **ON:** The appliance will turn on and remain on until switched off.
- **THERMO:** The appliance will operate based on the set temperature. When the room temperature falls below the set temperature, the appliance will turn on. When the room temperature rises above the set temperature, the appliance will turn off.
- **OFF:** The appliance will remain off.
- **PROGRAM:** The appliance will follow the programmed schedule for temperature control.

Setting the Temperature (THERMO Mode)

1. Press the **MODE** button until "THERMO" is displayed on the LCD.
2. Use the **UP** or **DOWN** buttons to adjust the desired set temperature. The display will show both the current room temperature and the set temperature.

Programming a Schedule (PROGRAM Mode)

The 3301P2 allows for programmable temperature settings. Lift the flip cover on the transmitter to access the **PROG** and **SET** buttons.

1. Press the **MODE** button until "PROGRAM" is displayed on the LCD.
2. Press the **PROG** button to enter programming mode.
3. Use the **UP** or **DOWN** buttons to adjust the time and temperature settings for each program period (P1, P2).
4. Press **SET** to confirm each setting and move to the next.
5. The system typically allows for two program periods (P1 for morning/day, P2 for evening/night) with separate ON/OFF times and temperatures. Consult the detailed instructions provided with the product for specific programming steps, as these can be intricate.

Note: The programming interface may require careful attention to detail. If you encounter difficulties, refer to the troubleshooting section or contact support.

Maintenance

Battery Replacement

Replace batteries in both the transmitter and receiver when the low battery indicator appears on the transmitter's LCD, or if the remote control range decreases significantly. Use high-quality alkaline batteries for optimal performance.

- **Transmitter:** 2 x AAA batteries.
- **Receiver:** 4 x AA batteries.

Always replace all batteries at the same time. Dispose of old batteries responsibly according to local regulations.

Cleaning

Wipe the transmitter and receiver with a soft, dry cloth. Do not use abrasive cleaners or immerse the units in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Remote control not responding.	- Low or dead batteries in transmitter or receiver. - Receiver switch not in "REMOTE" position. - Transmitter and receiver codes are not matched. - Transmitter out of range.	- Replace all batteries in both units. - Set receiver switch to "REMOTE". - Re-match security codes (see Setup section). - Move transmitter closer to the receiver (within 20 feet).
Appliance does not turn on/off in THERMO mode.	- Set temperature is too close to room temperature. - Incorrect wiring to the appliance.	- Adjust set temperature to create a larger differential. - Verify wiring connections to the gas appliance.
LCD display is dim or blank.	Low batteries in the transmitter.	Replace AAA batteries in the transmitter.

SPECIFICATIONS

- **Model:** 9800325 (SKY-3301P2)
- **Brand:** SkyTech
- **Product Dimensions:** 6.5 x 3.6 x 3 inches (Transmitter and Receiver combined, approximate)
- **Weight:** 12.96 ounces (approximate)
- **Transmitter Power:** 2 x AAA batteries
- **Receiver Power:** 4 x AA batteries
- **Control Type:** Push Button
- **Special Feature:** Programmable Thermostat, Backlit Display
- **Wireless Range:** Up to 20 feet (non-directional RF)
- **Security Codes:** 1,048,567 unique codes
- **Specific Uses:** Fireplace Control, Thermostat Control, Indoor Residential Environments
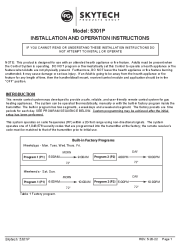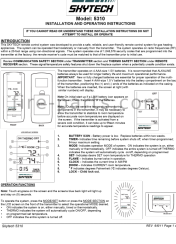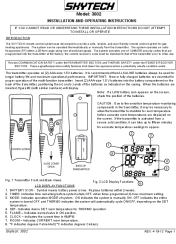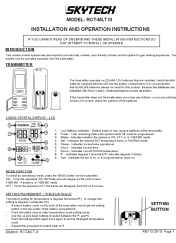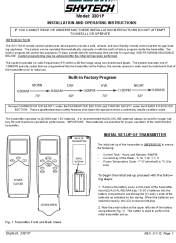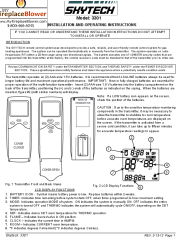
WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official SkyTech website. Keep your proof of purchase for warranty claims.
Manufacturer: Skytech
For further assistance, contact SkyTech customer service.

[Skytech 5301P Fireplace Remote Control System: Installation & Operation Guide](#)
This guide provides comprehensive instructions for installing, operating, and troubleshooting the Skytech 5301P remote control system for gas fireplaces. Learn about transmitter functions, receiver setup, wiring, thermostat and program modes, safety features, and warranty information.

[Skytech 5310 Gas Fireplace Remote Control System: Installation and Operating Instructions](#)
Comprehensive guide for installing and operating the Skytech 5310 remote control system for gas heating appliances, covering setup, functions, safety features, troubleshooting, and warranty.

[Skytech 3002 Installation and Operating Instructions](#)
This document provides detailed installation and operating instructions for the Skytech 3002 remote control system, designed for safe and user-friendly operation of gas heating appliances.

[Skytech RCT-MLT III Installation and Operation Instructions](#)
Comprehensive guide for installing and operating the Skytech RCT-MLT III remote control system for gas heating appliances. Covers setup, functions, troubleshooting, FCC requirements, and warranty information.

[Skytech 3301P Programmable Remote Control System: Installation and Operating Instructions](#)
A comprehensive guide to installing, operating, and programming the Skytech 3301P remote control system for gas fireplaces, covering setup, modes, safety features, wiring, and warranty information.

[Skytech 3301 Fireplace Remote Control: Installation and Operating Instructions](#)
Comprehensive guide to installing and operating the Skytech 3301 remote control system for gas fireplaces, covering setup, functions, safety features, and troubleshooting.