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SkyTech 3301P

SkyTech 3301P Programmable Fireplace Remote Control User Manual

Model: SKY-3301P

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1. INTRODUCTION

The SkyTech 3301P remote control system is designed to provide a safe, reliable, and user-friendly remote control solution for gas heating appliances. This system allows for both thermostatic and manual operation from the transmitter. It can be easily programmed to custom settings and operates on radio frequencies (RF) within a 20-foot range using non-directional signals. The system utilizes one of 1,048,576 security codes, pre-programmed at the factory, which must be matched between the transmitter and receiver prior to initial use.

2. SAFETY INFORMATION

Please read and understand all instructions before installing or operating this remote control system. Failure to follow these instructions may result in property damage, personal injury, or death. This system is intended for use with gas heating appliances only. Ensure all wiring is performed by a qualified professional if you are unsure. Always turn off the gas supply to the appliance before performing any installation or maintenance.

- Do not expose the remote control or receiver to water or excessive humidity.
- Keep batteries out of reach of children.
- Replace all batteries at the same time; do not mix old and new batteries.
- Dispose of used batteries properly according to local regulations.
- Ensure the fireplace appliance is in good working order before using the remote control system.

3. PACKAGE CONTENTS AND COMPONENTS OVERVIEW

3.1 Package Contents

- Transmitter (Remote Control)
- Receiver
- Wall Holder
- Wall Plate
- Installation Instructions
- Batteries (4 AA batteries included)

3.2 Components Overview

The SkyTech 3301P system consists of a handheld transmitter and a receiver unit.

Transmitter (Remote Control)

- **Buttons:** Features 8 buttons including Up/Mode/Down, Timer/Set/Prog/Ahead/Back, located below a flip cover.
- **LCD Display:** Shows room temperature, thermostat set temperature, a 24-hour clock, and a 9-hour countdown timer.

Receiver Unit

The receiver unit is battery-powered and includes a learn function button and an On/Remote/Off slider switch.



Image 1: SkyTech 3301P Receiver Unit. This image shows the white faceplate of the receiver unit with a toggle switch for ON, REMOTE, and OFF modes, along with a 'LEARN' button and 'ADJ' adjustment point. Wires with spade connectors are visible extending from the back of the unit.

4. SETUP AND INSTALLATION

4.1 Battery Installation

Install the required batteries into both the transmitter and receiver units. Ensure correct polarity.

- **Transmitter:** Refer to the transmitter's battery compartment for specific battery type and orientation.
- **Receiver:** Open the battery compartment on the receiver unit and insert the batteries as indicated.

4.2 Receiver Placement and Wiring

The receiver can be installed in a wall, on the hearth, or under the fireplace behind the control access panel. Ensure the location allows for proper signal reception and is protected from excessive heat or moisture.

1. Turn off the gas supply to the fireplace appliance.
2. Access the control panel of your fireplace.
3. Connect the wires from the receiver to the appropriate terminals on your fireplace's gas valve or

control module. Typically, these are the TH (Thermostat) and TH/TP (Thermopile) terminals. Consult your fireplace appliance manual for specific wiring diagrams.

4. Secure the receiver in its chosen location.

4.3 Pairing the Transmitter and Receiver (Learning Function)

The transmitter and receiver are factory-paired, but if pairing is lost or a new component is introduced, follow these steps:

1. Ensure the receiver's slider switch is in the **REMOTE** position.
2. Press and hold the **LEARN** button on the receiver unit (refer to Image 1 for location) until you hear a beep or see an indicator light flash.
3. Within 10 seconds, press any button on the transmitter.
4. The receiver will emit a series of beeps or flashes to confirm successful pairing.

5. OPERATION

The SkyTech 3301P offers both manual and thermostatic control modes.

5.1 Receiver Slider Switch Modes

- **ON:** The fireplace will remain continuously on, bypassing remote control.
- **REMOTE:** The fireplace is controlled by the transmitter.
- **OFF:** The fireplace will remain continuously off, bypassing remote control.

5.2 Transmitter Functions

Open the flip cover on the transmitter to access all control buttons.

- **MODE:** Toggles between manual ON/OFF, thermostatic mode, and timer mode.
- **UP/DOWN Arrows:** Adjust temperature settings, time, or program values.
- **TIMER:** Activates the 9-hour countdown timer.
- **SET:** Used to confirm settings during programming.
- **PROG:** Accesses programming functions for daily schedules.
- **AHEAD/BACK:** Navigates through programming periods.

5.3 Setting the Clock and Temperature

1. Press the **SET** button to enter time setting mode.
2. Use the **UP/DOWN** arrows to adjust the hour and minute.
3. Press **SET** again to confirm each setting.
4. To set the desired temperature in thermostatic mode, press the **MODE** button until the thermostat icon appears.
5. Use the **UP/DOWN** arrows to set your desired room temperature.

5.4 Programming the Thermostat

The 3301P allows for programmable heat periods. Refer to the detailed instructions in the included manual for specific programming steps for each day of the week.

6. MAINTENANCE

6.1 Battery Replacement

When the battery indicator on the transmitter's LCD display shows low power, or if the remote's range decreases, replace the batteries in both the transmitter and receiver. Always replace all batteries at the same time with new ones of the same type.

- **Transmitter:** Typically uses AAA batteries.
- **Receiver:** Uses 4 AA batteries (included).

Note: If the batteries are removed for an extended period, you may need to re-pair the transmitter and receiver.

6.2 Cleaning

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

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fireplace does not turn ON/OFF with remote.	<ul style="list-style-type: none">• Receiver switch is not in REMOTE position.• Low batteries in transmitter or receiver.• Transmitter and receiver are not paired.• Receiver is too far from the fireplace or obstructed.	<ul style="list-style-type: none">• Set receiver switch to REMOTE.• Replace all batteries in both units.• Perform the pairing (learning) procedure.• Ensure receiver is within 20 ft of the transmitter and has a clear path.
LCD display is dim or blank.	Low batteries in the transmitter.	Replace transmitter batteries.
Fireplace turns ON/OFF unexpectedly in thermostatic mode.	Incorrect temperature settings or programming.	Review and adjust temperature settings and programming schedule.

8. SPECIFICATIONS

Feature	Detail
Model Number	SKY-3301P
Product Dimensions	6.5 x 3.7 x 3 inches
Item Weight	12 ounces
Batteries Required	4 AA batteries (for receiver, included)
Special Feature	Programmable, Timer

Feature	Detail
Max Number of Supported Devices	1
Compatible Devices	Fireplace (Gas Heating Appliances)
Wireless Range	Up to 20 feet (RF non-directional)

9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your purchase or contact SkyTech customer support. Keep your proof of purchase for warranty claims.

If you encounter any issues not covered in this manual or require further assistance, please contact SkyTech customer service. Contact details are typically found on the product packaging or the manufacturer's official website.