Durablow TR1001, TR1003

Durablow TR1001 On/Off Remote Bundle with TR1003 Gas Fireplace Remote with LCD Screen & Thermostat & Timer User Manual

Brand: Durablow
Models: TR1001, TR1003

Introduction

This user manual provides comprehensive instructions for the Durablow TR1001 On/Off Remote Bundle with TR1003 Gas Fireplace Remote with LCD Screen & Thermostat & Timer. This bundle is designed to upgrade your gas fireplace with convenient wireless remote control capabilities. It includes two distinct remote control kits: the TR1001 for simple On/Off operation and the TR1003 for advanced thermostat and timer functions. These battery-powered kits offer wireless control for various gas heating appliances, including fireplaces, fire pits, and stoves.

Important Safety Information

- **Professional Installation:** Installation must be performed by a qualified technician to ensure proper and safe operation.
- **Disconnect Power:** Always disconnect power to the appliance before servicing or installing the remote control system.
- **Receiver Placement:** The receiver box should be kept away from temperatures exceeding 130°F (54°C) to prevent damage.
- **Not a Power Supply:** This bundle is a switch designed to connect to a millivolt valve, an electric spark ignition module, or to replace a wall switch. It is NOT a power supply unit.
- **Legal Disclaimer:** Brand names and model numbers mentioned for cross-reference are properties of their respective owners.

Product Components

Each Durablow remote control kit includes the following components:

- Remote Transmitter (TR1001 or TR1003)
- Receiver Box
- Wall Mount Cover
- Screws for mounting
- Slide Switch

- Wires with Connectors
- User Manuals (this document covers both)

Note: Transmitter requires 2 x 1.5V AAA batteries; Receiver requires 4 x AA batteries. Batteries are not included.



Overview of the Durablow TR1001 and TR1003 remote control bundle, showing both remote transmitters, receiver boxes, and wall plates.



The Durablow TR1001 On/Off remote control kit, featuring the simple ON/OFF transmitter, receiver box, and wall plate.



The Durablow TR1003 remote control kit, including the LCD screen thermostat transmitter, receiver box, and wall plate.

Setup and Installation

Receiver Box Installation

The receiver box is the central component that communicates with your fireplace. Its dimensions are approximately 2.6" (L) x 2.4"

(W) x 1.54" (H). Ensure the installation location is away from excessive heat (below 130°F).
The receiver features a LEARN function and comes with an 18-inch wire with connectors for easy attachment to your gas millivolt valve or electric spark ignition module. It includes a snap-on wall plate for mounting.

Wiring Diagrams

Refer to the following diagrams for correct wiring connections based on your fireplace system.

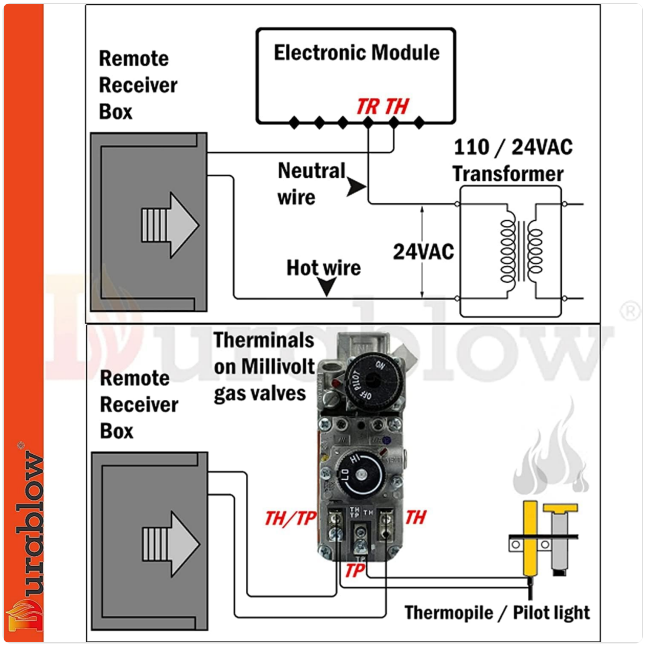


Diagram illustrating how to connect the remote receiver box to either a millivolt gas valve or an electronic spark ignition module (110/24VAC transformer).

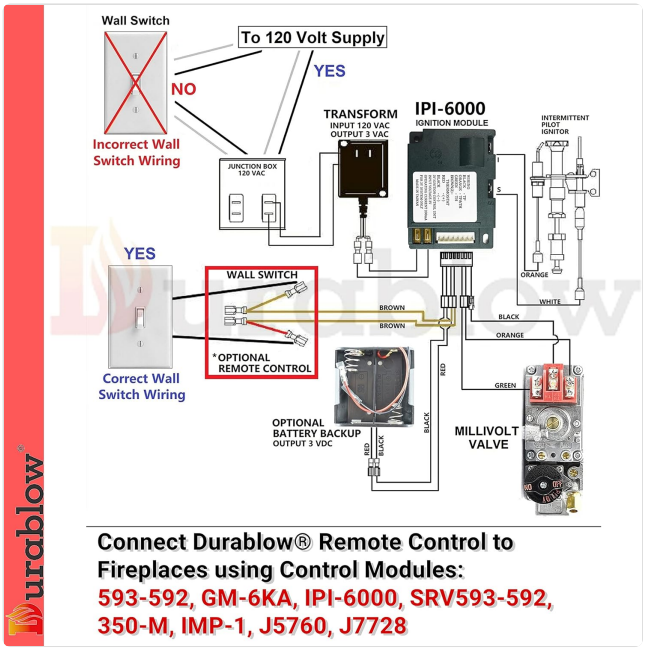


Diagram showing the correct wiring for replacing an existing wall switch with the Durablow remote control, including connections to an IPI-6000 ignition module and millivolt valve.

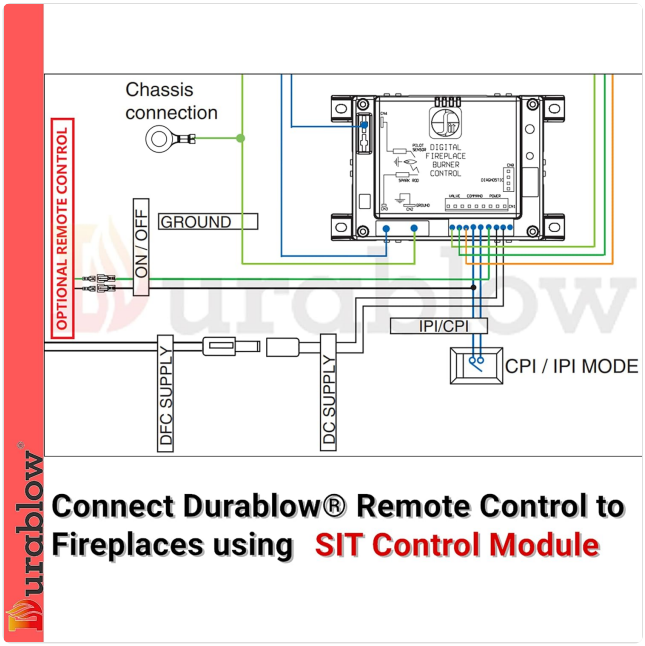


Diagram detailing the connection of the Durablow remote control to fireplaces utilizing a SIT Control Module, showing optional remote control connections.

Battery Installation

- **Transmitter:** Open the battery compartment on the back of the remote transmitter and insert 2 x 1.5V AAA batteries, observing polarity.
- **Receiver:** Open the battery compartment on the receiver box and insert 4 x AA batteries, observing polarity.

Ensure all batteries are new and correctly oriented for optimal performance.

Operating Instructions

Durablow TR1001 On/Off Remote

The TR1001 remote provides straightforward manual control for your fireplace.

- Press the **ON** button to turn the fireplace on.
- Press the **OFF** button to turn the fireplace off.



The Durablow TR1001 remote transmitter with simple ON and OFF buttons.

Durablow TR1003 Thermostat & Timer Remote

The TR1003 remote offers advanced features including a thermostat and timer, displayed on its LCD screen.



The Durablow TR1003 remote transmitter featuring an LCD screen for displaying temperature, time, and settings.



A closer view of the Durablow TR1003 remote's LCD screen, showing temperature readings and control buttons.

Thermostat Function

The thermostat feature allows the fireplace to turn ON/OFF automatically based on room temperature. You can set the temperature swing to 1°F, 2°F, or 3°F.

- Press the **MODE** button to cycle through operating modes (e.g., ON, OFF, THERMO).
- In THERMO mode, use the **+** and **-** buttons to set your desired temperature.
- The fireplace will activate or deactivate to maintain the set temperature within the chosen swing range.

Timer Function

The timer allows you to set a duration for the fireplace to operate, ranging from 15 minutes to 9 hours.

- While in an active mode, press the **TIMER** button (often indicated by a clock icon) to activate the timer.
- Use the **+** and **-** buttons to adjust the desired operating time.
- The fireplace will turn off automatically once the set time expires.

Learning Function (Pairing Remote with Receiver)

To pair a remote transmitter with its receiver:

1. Ensure the receiver has fresh batteries installed.
2. Locate the "LEARN" button on the receiver box.
3. Press and hold the "LEARN" button on the receiver until you hear a beep or see an indicator light flash (refer to receiver for specific indication).
4. Within a few seconds, press any button on the remote transmitter (e.g., ON or MODE).
5. The receiver should respond with another beep or light flash, indicating successful pairing.
6. Test the remote to ensure proper communication with the fireplace.

Maintenance

Battery Replacement

Replace batteries in both the transmitter and receiver when the remote's range decreases, or the LCD screen on the TR1003 becomes dim. Always use new batteries of the specified type (AAA for transmitter, AA for receiver) and dispose of old batteries responsibly.

Cleaning

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

Troubleshooting

Problem	Possible Cause	Solution
Remote not responding / Fireplace not turning ON/OFF	Dead or low batteries in transmitter or receiver. Remote and receiver are not paired. Receiver is too far from the transmitter or obstructed. Incorrect wiring connection. Receiver is exposed to excessive heat.	Replace batteries in both units. Perform the "Learning Function" to re-pair the remote and receiver. Reduce distance or remove obstructions between remote and receiver. Verify all wiring connections according to the diagrams in the "Setup and Installation" section. Relocate the receiver to an area where temperatures do not exceed 130°F.
TR1003 LCD screen is dim or blank	Low or dead batteries in the TR1003 transmitter.	Replace the 2 x AAA batteries in the TR1003 transmitter.
Fireplace turns ON/OFF unexpectedly (TR1003)	Thermostat temperature swing setting is too narrow or room temperature fluctuations.	Adjust the temperature swing setting (1°F, 2°F, or 3°F) on the TR1003 remote to a wider range if desired.

Specifications

- **Brand:** Durablow
- **Models:** TR1001, TR1003
- **Compatible Devices:** Gas Fireplace, Gas Fire Pit, Gas Stove
- **Connectivity Technology:** Radio Frequency (RF)
- **Controller Type:** Button Control
- **TR1001 Remote Functions:** On/Off
- **TR1003 Remote Functions:** On/Off, Thermostat (1°F, 2°F, 3°F swing), Timer (15 min - 9 hours)
- **TR1003 Display:** LCD Screen
- **Operating Range:** Approximately 20 feet (non-directional RF)
- **Transmitter Battery (TR1001 & TR1003):** 2 x 1.5V AAA batteries (not included)
- **Receiver Battery:** 4 x AA batteries (not included)
- **Receiver Box Dimensions:** 2.6" (L) x 2.4" (W) x 1.54" (H)
- **FCC Approved:** Yes

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact Durablow customer service directly. Ensure you have your product model numbers (TR1001, TR1003) and purchase details available when seeking support.
You can visit the official Durablow store for more information: Durablow Store on Amazon

© 2024 Durablow. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question