ACUMEN RCK-I

ACUMEN RCK-I On/Off Fireplace Remote Control System User Manual

Model: RCK-I

1. Product Overview

The ACUMEN RCK-I is an On/Off remote control system designed for gas heating fireplaces. It provides convenient remote operation of your fireplace, allowing you to turn it on and off from a distance. The system consists of a handheld remote control transmitter and a battery-powered receiver unit.



Figure 1: ACUMEN RCK-I Fireplace Remote Control system components. This image displays all components included in the ACUMEN RCK-I Fireplace Remote Control system: the handheld remote, the receiver unit, a wall-mounted switch plate, and batteries.

1.1 Package Contents

- Handheld Remote Control Transmitter (Model: 00-002121-00)
- Receiver Unit (Model: 00-002125-00)
- Wall-mounted Switch Plate
- AAA Batteries (for remote)
- AA Batteries (for receiver)
- Lead Wires (for receiver connection)

2. Safety Information

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death.

- Ensure the fireplace is turned off and cooled before installation or maintenance.
- Disconnect power to the fireplace before performing any wiring.
- Installation should be performed by a qualified technician if you are unsure about any steps.
- Do not expose the remote or receiver to excessive heat, moisture, or direct sunlight.
- Keep batteries out of reach of children.
- Replace all batteries at the same time with new ones of the same type.

3. Setup and Installation

3.1 Handheld Remote Control Battery Installation

The handheld remote control operates on three (3) 1.5V AAA batteries.

1. Open the battery compartment cover on the back of the remote control.
2. Insert three AAA batteries, observing the correct polarity (+/-).
3. Close the battery compartment cover securely.



Figure 2: Back view of ACUMEN RCK-I handheld remote control with battery compartment open. The back of the remote shows the battery compartment for three AAA batteries, along with a 'C-P' (Child-Proof) switch and dip switches for configuration.

3.2 Receiver Unit Battery Installation and Wiring

The receiver unit operates on four (4) AA batteries and connects to your fireplace's millivolt valve.

1. Locate the battery compartment on the receiver unit.
2. Insert four AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover.
4. Connect the two lead wires from the receiver to the TH & TH/TP terminals on your fireplace's millivolt valve. Refer to your fireplace manual for specific terminal locations.
5. Place the receiver unit inside your fireplace, ensuring it is not exposed to direct flame or excessive heat, and that its antenna is not obstructed.



Figure 3: ACUMEN RCK-I receiver unit with connected wires. The receiver unit is shown with its battery compartment and the two lead wires connected, ready for installation with a millivolt valve.

3.3 Wall-mounted Switch Plate Installation (Optional)

The wall-mounted switch plate provides an alternative manual control for your fireplace.

1. Mount the switch plate in a convenient location near your fireplace.
2. Connect the switch plate to the fireplace control system as per your fireplace's wiring diagram or a qualified technician's guidance.



Figure 4: Wall-mounted fireplace remote switch plate. A wall-mounted switch plate with 'ON', 'REMOTE', 'OFF' selector, a 'BAT.LOW' indicator, and a large 'PRESS TO OPEN' button for manual operation.

4. Operating Instructions

4.1 Basic On/Off Operation

To operate your fireplace using the handheld remote control:



Figure 5: Front view of ACUMEN RCK-I handheld remote control. The handheld remote control features a digital display showing temperature and 'ON' and 'OFF' buttons for operation.

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

The remote transmits a signal to the receiver, which then controls the fireplace valve.

4.2 Child-Proof Feature

The remote control includes a Child-Proof feature to prevent unintended operation.



Figure 6: Instructions for ACUMEN RCK-I remote control Child-Proof feature. This image illustrates the Child-Proof switch location on the back of the remote and provides the sequence for activating and deactivating the feature.

- To activate the Child-Proof feature, locate the 'C-P' switch on the back of the remote and slide it to the 'C-P' position. The word "Child-Proof" will appear on the remote's display.
- To deactivate the Child-Proof feature, press the OFF/LOW button on the front of the remote in the following sequence: **LONG, SHORT, SHORT, LONG, SHORT**.
- *Long* refers to pressing the button for longer than 1.5 seconds.
- *Short* refers to pressing the button for shorter than 0.5 seconds.

4.3 6-Hour Timer Function

The receiver unit features a 6-hour timer function.



Figure 7: ACUMEN RCK-I receiver unit with 6-hour timer switch. A close-up of the receiver unit, highlighting the 'ON', '6hr TIMER', and 'OFF' switch for controlling the fireplace operation duration.

- Locate the switch on the receiver unit.
- Slide the switch to the '6hr TIMER' position to activate the timer. The fireplace will operate for 6 hours and then automatically turn off.
- Slide the switch to 'ON' for continuous operation (controlled by remote).
- Slide the switch to 'OFF' to turn off the fireplace directly from the receiver.

5. Maintenance

5.1 Battery Replacement

Replace batteries in both the remote and receiver when the low battery indicator appears or when the system becomes unresponsive.

- **Remote Control:** Replace three (3) AAA batteries.
- **Receiver Unit:** Replace four (4) AA batteries.
- Always replace all batteries at the same time with new ones of the same type.

6. Troubleshooting

Problem	Possible Cause	Solution
Remote not responding / Fireplace not turning on/off	Low batteries in remote or receiver. Obstruction between remote and receiver. Receiver switch in 'OFF' position.	Replace all batteries in both units. Ensure clear line of sight. Check receiver switch is in 'ON' or '6hr TIMER' position.

Problem	Possible Cause	Solution
Low battery indicator on remote or wall plate	Batteries are low.	Replace all batteries in the affected unit (remote or receiver).
Fireplace turns off unexpectedly	6-hour timer activated. Low batteries in receiver.	Check if the receiver switch is set to '6hr TIMER'. Replace receiver batteries.
Child-Proof feature active	Child-Proof switch engaged.	Deactivate Child-Proof feature using the sequence: LONG, SHORT, SHORT, LONG, SHORT.

7. Specifications

- **Product Dimensions:** 9 x 7 x 7 inches
- **Item Weight:** 1.3 pounds
- **Remote Model Number:** 00-002121-00
- **Receiver Model Number:** 00-002125-00
- **Remote Batteries:** 3 x AAA (included)
- **Receiver Batteries:** 4 x AA (included)
- **Connectivity Technology:** Infrared
- **Max Number of Supported Devices:** 1
- **Compatible Devices:** Fireplace (millivolt valve systems)
- **Special Feature:** Ergonomic remote design, 6-hour timer on receiver

8. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact ACUMEN customer service directly. Keep your purchase receipt for warranty claims.

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