

ECS

FREC

INSTALLATION AND OPERATING INSTRUCTIONS

IF YOU CANNOT READ OR UNDERSTAND THESE INSTALLATION INSTRUCTIONS DO NOT ATTEMPT TO INSTALL OR OPERATE

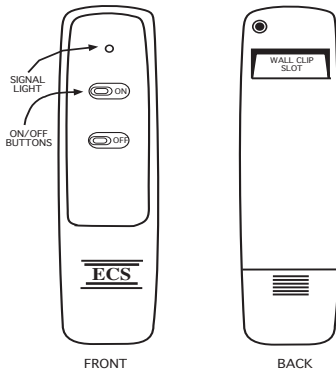
INTRODUCTION

This ECS remote control system is specifically designed to remotely control the operation of a gas appliance. The remote system is powered by 110-120 VAC, yet only a "dry contact" (no power output) is made on the output side of the remote receiver. The SYSTEMS operating range is approximately 20 feet to 25 feet. The system operates on one of 255 security codes programmed at the factory.

FCC REQUIREMENTS

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

TRANSMITTER

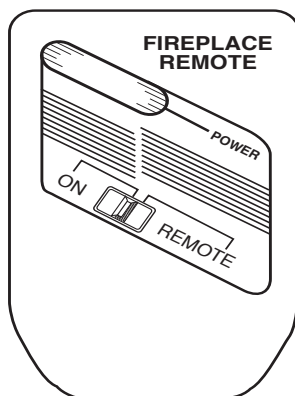


The transmitter operates on a 12V battery (included) made specifically for remote controls and electronic lighters. Before using the transmitter the 12V battery must be installed into the battery compartment.

It is recommended that ALKALINE batteries always be used for longer battery life and maximum operational performance.

The transmitter has ON and OFF functions that are activated by pressing either button on the face of the transmitter. When a button on the transmitter is pressed, a signal light on the transmitter illuminates briefly to verify that a signal has been sent. Upon initial use, there may be a delay of five seconds before the remote receiver will respond to the transmitter. This is part of the system's design. If the signal light does not illuminate, check the position of the transmitter's battery.

REMOTE RECEIVER



When plugged into a standard 110-120 VAC receptacle, the remote receiver operates on commands from the transmitter or from the slide switch on the face of the receiver (The slide switch is to be used during a power outage to operate the appliance manually). The remote receiver is manufactured with a "dry contact" relay in its circuitry that operates like an on/off switch, however, no power or current passes from the 110 VAC input side to the wires leading from the output side of the remote receiver.

This remote receiver will open or close the circuit it is controlling without introducing outside power or current. This FREC remote control system can be used in simplified installations to control a gas appliance without any additional relays or components.

WARNING

THIS REMOTE CONTROL SYSTEM MUST BE INSTALLED EXACTLY AS OUTLINED IN THESE INSTRUCTIONS. READ ALL INSTRUCTIONS COMPLETELY BEFORE ATTEMPTING INSTALLATION. FOLLOW INSTRUCTIONS CAREFULLY DURING INSTALLATION. ANY MODIFICATION OF THIS REMOTE CONTROL OR ANY OF ITS COMPONENTS WILL VOID THE WARRANTY AND MAY POSE A FIRE HAZARD.

Direct Ignition Wiring Instructions for Installation of FREC Remote

Direct Vent Gas Fireplaces

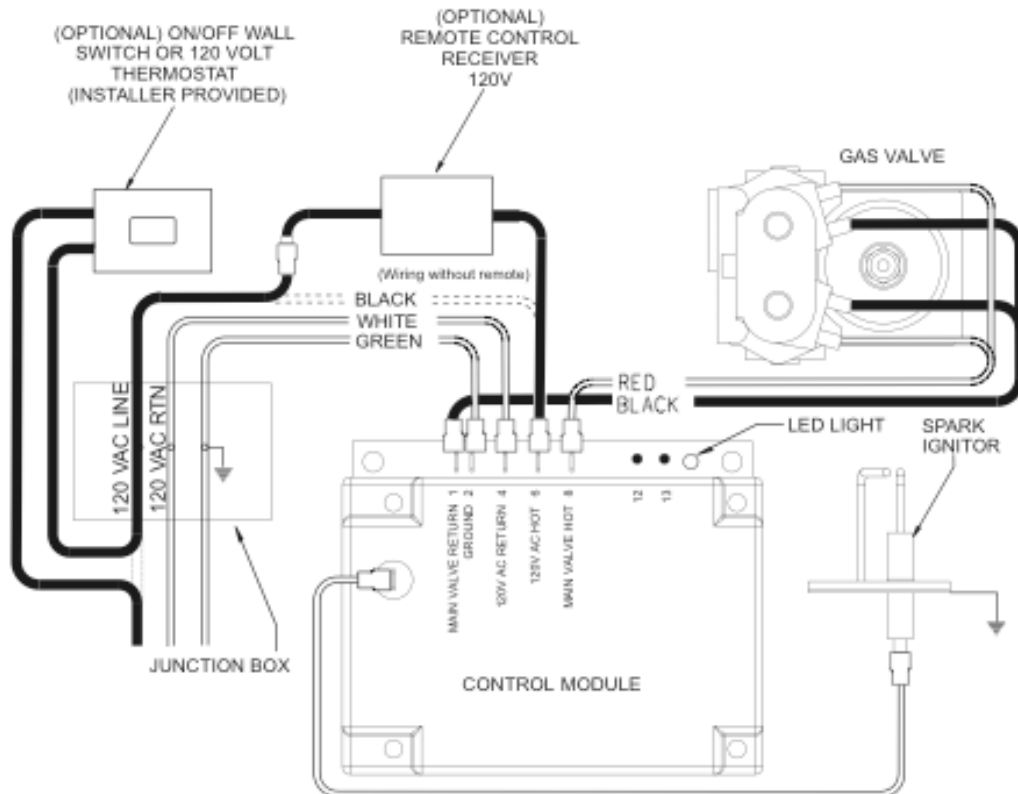
(A)DVD32FP5(0,1,2,3)

(A)DVD36FP5(0,1,2,3)

(A)DVD42FP5(0,1,2,3)

(A)DVD48FP5(0,1,2,3)

DIRECT IGNITION WIRING DIAGRAM



LED CODES	
Steady ON	Normal operation, power ON to control
2 Flashes	3 unsuccessful ignition trials
3 Flashes	Main burner flame failed 4 times during a single heating cycle
4 Flashes	5 minute lockout is complete. Interrupt power for 5 seconds to reset control
Steady Flash	Flame detected out of sequence

OPTIONAL REMOTE CONTROL

Electric (120 volt) Operated Remote Control (FREC)

1. Disconnect 3-prong power cord from receptacle (left side).
2. Remove wire from 120 VAC hot terminal on control module.
3. Connect female terminal from receiver onto 120 VAC hot terminal on control module.
4. Connect remaining wire from remote control (male terminal) to (female terminal) on power cord removed from control module (step 2).
5. Insert electric remote control power cord plug into the junction box on the left side of fireplace.
6. Connect 3-prong plug into receptacle.

BATTERY LIFE

Life expectancy of alkaline batteries in the FREC should be at least 12 months. Replace the transmitter battery annually. When the Transmitter no longer operates the receiver from a distance it did previously (i.e., the transmitter's range has decreased) or the remote receiver does not function at all. The Transmitter or should operate with as little as 9.0 volts battery power, Measuring at the 12 volt battery.

ELECTRICAL LOAD RATINGS FOR INDOORS USE ONLY



LISTED
13F7
Appliance
Control

ELECTRICAL RATINGS
Input: 120 VAC; 60 Hz
Output: 2.5 A; 24 VAC/60Hz or 24 VDC

BATTERIES: Transmitter 12V Alkaline (A-23)

Remote Receiver 110-120 VAC; 60 Hz
Operating Frequency: 303.875 MHZ

FCC ID No.'s: transmitter –JA7TM-1300N; receiver – JA7AP-1300
Canadian ISC ID No.'s: transmitter –2439 101 522; receiver – 2439 101 522A

FCC REQUIREMENTS

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Limited Warranty

This REMOTE CONTROL SYSTEM is warranted for 12 months from the date of purchase or installation to the original purchaser to be free from defects in materials and workmanship. Damage to the SYSTEM caused by accident, misuse, abuse, or installation error whether performed by a contractor, service company, or owner, is not covered by this warranty. Seller will not be responsible for labor charges and/or damage incurred in installation, repair, and replacement or for incidental or consequential damages. Batteries and any damage caused by them are not covered by this warranty. Some states, provinces, and nations do not allow exclusion or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply. This warranty gives you specific legal rights. You may have other rights that vary by state, province or nation.

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