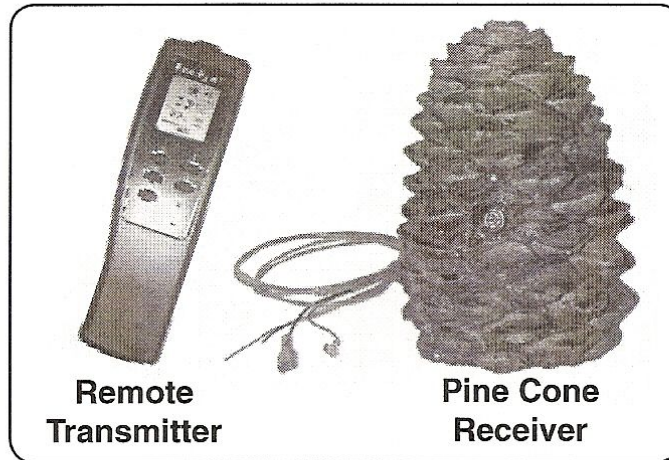


Real Fyre

Hand-Crafted Gas Logs Since 1949

INSTALLER:
Please leave these instructions with the consumer

CONSUMER:
Please retain for future reference



Remote Transmitter

Pine Cone Receiver

Designed to operate with the following **Peterson products:**
G4 SERIES & G5 SERIES
GAS LOG SETS WITH
APK-16 & APK-16P
SAFETY PILOT VALVES
ONLY

**Battery Operated
Remote Lighting
System**

Pine Cone Remote Model PC-106

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

Installation and service must be performed by a qualified, professional installer, service agency or the gas supplier.

INSTALLER & CONSUMER:
These instructions **MUST** be retained with this appliance for future reference.

Important: Read these instructions carefully before starting installation of your log set

The PC-106 requires (2) 9 volt alkaline batteries (included); one for the pine cone receiver (located under the pine cone) and the other for the hand-held transmitter.

The pine cone receiver is housed inside a ceramic pine cone. This housing is not only attractive, it also protects the electronics from heat generated by the gas log set.

Place the pine cone receiver outside the firebox on the hearth or, if within the firebox, place it at least 8" away from the burner. Placing it too close to the flames will cause overheating and damage to the receiver.

Note: DO NOT PLACE PINE CONE ON TOP OF HEAT SHIELD OR NEAR THE FIRE. DO NOT CLOSE GLASS DOORS WHILE LOG SET IS BURNING.

- Do not place Pine Cone behind any glass panel or door.

PC-106 INSTALLATION AND OPERATING INSTRUCTIONS

Before installing, be sure your APK-16(P) Valve is in the 'OFF' position with log set and pilot extinguished.

Installing the Battery Powered Pine Cone receiver.

1. Insure the gas log set is extinguished and cool to the touch.
2. Disconnect leads from the heat shield switch.
3. Connect the wire leads (female connectors) of the pine cone receiver to the terminals of the APK-16 valve as shown in Figure 1.
4. Once the pine cone leads are connected, the heat shield **MUST** be placed back over the APK valve.
5. Light the pilot following the instructions contained in your APK-16(P), Owner's Manual. The pine cone receiver is now ready to operate (using the transmitter, see below) and light your gas log set.
6. To install the optional 'Pine Cone Crackling Sound System (PCC-1)', follow the installation and operating instructions included with your PCC-1.

Operating the Pine Cone Remote Transmitter.

Refer to Figure 2 for position of buttons and indicators

1. Changing the clock time.

- A. To set the time press top left (Clock Mode) button (labelled in Figure 2) until the 'AM/PM' indicators start to blink and the time indicator (:) remains steady.
- B. To advance or retard the time by 1 minute intervals, press the left center (Time Advance) or left bottom (Time Retard) button (in Figure 2). Holding the button down speeds up the time change.
- C. Press Clock Mode button to exit time change mode.

2. Controlling your gas log set and pine cone receiver.

Note: When following the instructions below, carefully aim your transmitter at the pine cone receiver. A signal symbol will appear briefly at the upper right corner of your remote LCD screen during each remote operation. The red light on the cone will illuminate and remain on for a period of 5-10 seconds to indicate the remote operational signal was received. The indicator light will then turn off.

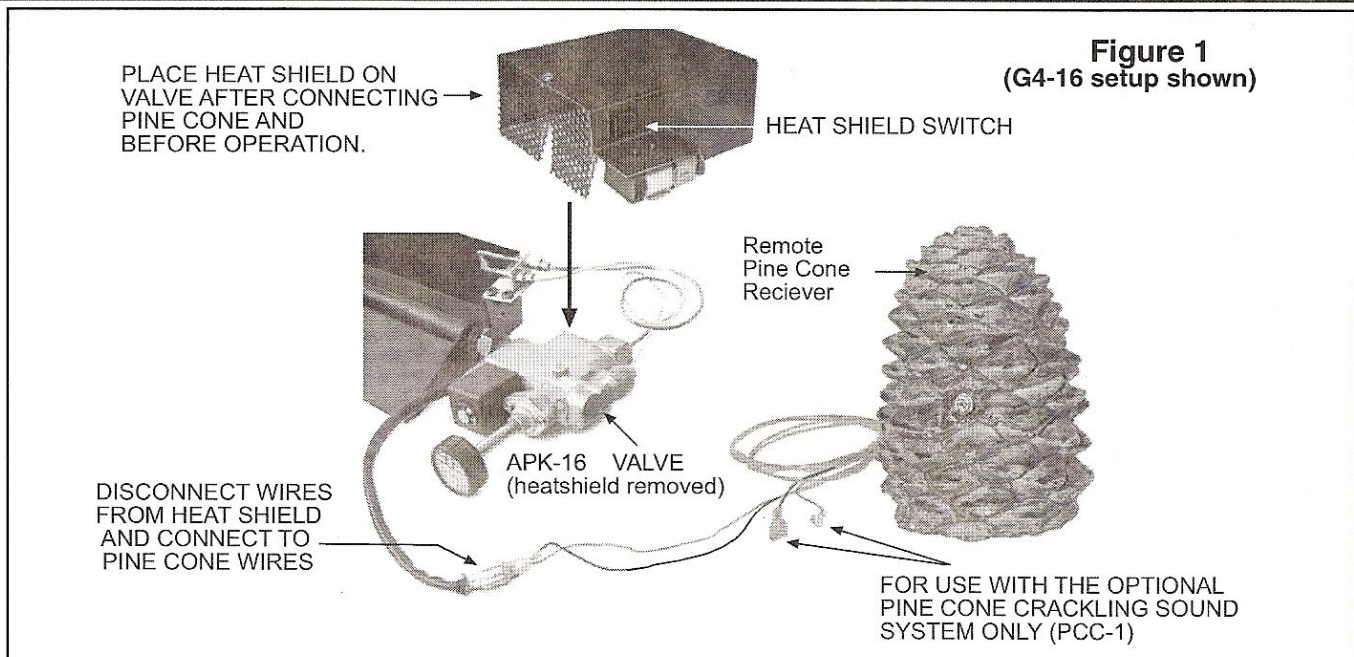
- A. To switch on your gas log fire, press the top right (Flame On/Off) button. Your log set will ignite. On your remote screen the LCD flame symbol in the upper center will change from an empty dotted outlined flame to a solid flame, indicating a "Flames On" condition.
- B. To turn the gas log set off, simply press the top right button (as in 2A above) while the fire is lit. The flame symbol will revert to empty dotted outline as before indicating a "Flames Off" condition. The sound symbol will also disappear.

Note: If the sound symbol is "On" when you turn off the fire, the sound will automatically be "On" the next time you light your gas log set. To turn the sound off follow step 2B.

- C. When the "Flames On" indicator is present you can turn your pine cone crackler (see below) on or off by pressing the bottom right (Sound On/Off) button. An LCD sound symbol will appear at upper right of the screen when the sound is on and disappear when the sound is **off**.

Your pine cone receiver may be connected with the optional pine cone crackling sound system (PCC-1, available from your Real Fyre dealer). This emulates the sound of logs burning and is operated through your remote sound buttons.

CONNECTING PINE CONE RECEIVER WIRE LEADS TO TOGGLE SWITCH CONTROL



PC-106 INSTALLATION AND OPERATING INSTRUCTIONS (Cont.)

Changing Temperature Scale

To change temperature scale from Centigrade to Fahrenheit or reverse, simply insert a thin metal object (e.g. a straightened paper clip) into Temperature Scale reset point (Figure 2) and press.

Resetting the remote to default settings

To reset the handset to factory default settings, simply insert a thin metal object (e.g. unbent paper clip) into Reset point (Figure 2) and press. The

It is recommended that the batteries in your pine cone receiver and hand-held transmitter be replaced annually. A dim indicator light on the hand-held transmitter indicates a weak battery. Batteries in both the transmitter and receiver should be replaced if this occurs.

Note: Use heavy-duty alkaline batteries only.

Note: Your PC-106 has been designed to only respond to the transmitter furnished with the system. However, due to conditions beyond our control other manufacturers of remote activated devices, using the same technology, could possibly produce a transmitter that would activate your PC-106 system. Although this is highly unlikely, if it should occur, return your unit to your place of purchase and it will be replaced. Thunder storms producing high amounts of electrical activity could possibly activate your remote.

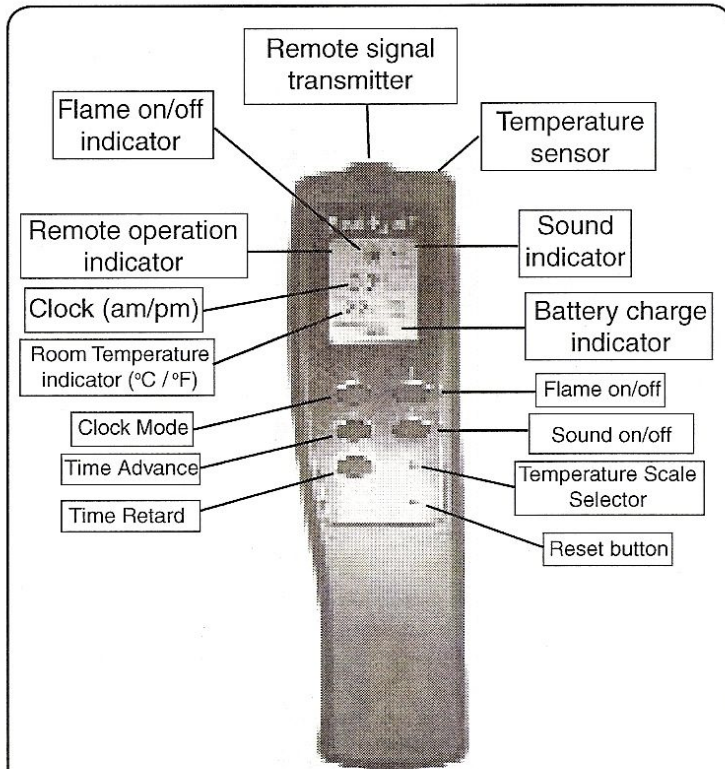
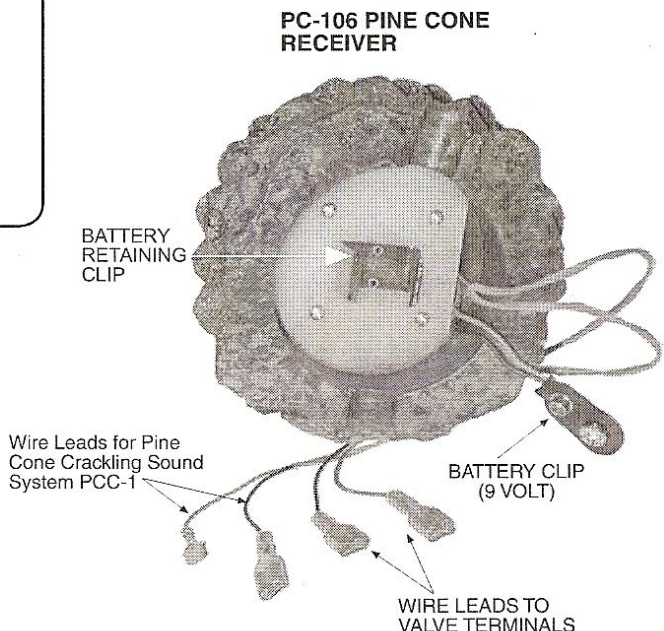


Figure 2
Identifying Screen Indicators and Control Buttons
(Showing: Fire on; Sound On; Time 2:34 pm; Room temp. 22°C; Battery fully charged)

Figure 3
Pine Cone Receiver showing bottom view.



TROUBLE SHOOTING YOUR PC-106

Problem	Cause	Solution
1. Burner does not light	<ul style="list-style-type: none"> a. Batteries are weak b. Receiver is too close to the fire. c. Pressing and releasing the Flame On/Off button too quickly. 	<ul style="list-style-type: none"> a. Replace batteries, using new heavy-duty alkaline batteries. b. Move Pine Cone receiver to front corner of firebox or outside hearth. c. Hold the Flame On/Off button down for 2-3 seconds.
2. Burner does not shut off	<ul style="list-style-type: none"> a. Malfunctioning Pine Cone Receiver 	<ul style="list-style-type: none"> a. Replace Pine Cone Receiver
3. Burner turned on by itself	<ul style="list-style-type: none"> a. Thunder storms or using other manufacturers remotes may activate the remote. 	<ul style="list-style-type: none"> a. Turn Pilot valve off (Figure 1, Page 2) during electrical storms.

PETERSON VENTED GAS LOG SETS LIMITED WARRANTY

All Peterson Gas Logs are **WARRANTED** for as long as you own them (Lifetime).

All Peterson Burner Assemblies are **WARRANTED** for **TEN (10) YEARS**.

SPK-26 controls are covered by a **THREE (3) YEAR "All Parts" Warranty**.

All other Peterson Valves, Pilots and Controls are covered by a **ONE (1) YEAR Limited Warranty (excluding batteries)**.

This warranty applies only to the original purchaser, from the date of purchase, and to Peterson products purchased for residential purposes.

This warranty does not cover parts becoming defective by misuse, accidental damage, electrical damage, improper handling and/or installation or service (log sets must be installed as outlined in the enclosed instructions by a qualified, professional installer and with only Peterson parts, control valves, remotes and accessories). It does not cover labor or labor-related charges. It specifically excludes liability for indirect, incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specified legal rights and you may have other rights which may vary from state to state.

For additional information regarding this warranty, or information on how to place a warranty claim, contact your Peterson dealer or the Robert H. Peterson Company.

ROBERT H. PETERSON CO.

Quality Check

Date: _____

Orifice # (MAIN): _____

Orifice # (OTHER): _____

Leak Test: _____

Burn Test: _____

Gas Type: NAT / L.P.

Model #: _____

Serial #: _____

Air Shutter: _____

Inspector: _____

ROBERT H. PETERSON CO. • 14724 East Proctor Avenue, City of Industry, California 91746