

*Model 09459R*

# WIRED INFRARED REMOTE USER INSTRUCTIONS



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## ***DESCRIPTION:***

The 09459R IR remote is a wired remote controller for Lafayette Instrument's Model 09947 VCR. It is a microprocessor-based device, which allows you to take full advantage of the VCR's capabilities and provide simple, efficient control of basic analysis needs. It is battery operated and requires 3 AAA batteries. Six buttons on the remote allow the user to operate the VCR in play mode, reverse, slow forward, fast forward search, fast reverse search, frame advance (forward only), and stop.

## ***OPERATION INSTRUCTIONS:***

Place the IR locator bracket in front of the VCR's IR receiver module and secure by peeling the protective coating off of the foam tape (located on the base of the locator bracket) and pressing the tape to the bottom of the VCR. If you are unsure of where the VCR's IR receiver module is located, the following directions will help to locate the receiver.

1. Turn on VCR and insert a tape.
2. Place IR emitter in front of information display window, either to the left or to the right of the VCR's information display.
3. Press the play button on the remote controller, and observe the VCR's display panel to see if the unit goes into play mode.
4. If no response is observed, move the IR emitter to another location, and try again.
5. Once the VCR starts responding to the remote, the IR receiver module should be directly in front of the IR emitter's location, and the locator bracket can be secured in place.

### **Play and Slow Play**

With the IR emitter in proper position and with a tape in the VCR, a single press of the Play button will instruct the VCR to go into play mode. Subsequent presses of the Play button will then toggle the VCR between slow play speed and regular play.

### **Reverse**

Pressing the Reverse button, while in play or pause will place the VCR into reverse play. Once the Reverse Button is released, the VCR will go to regular play speed. If the tape is stopped, a quick press and release of the Reverse Button will place the VCR into play mode.

### **Still/Step**

Pressing the Still/Step button puts the VCR into pause mode. Subsequent presses of the Still/Step button causes the VCR to advance the tape one frame.

**Forward Search**

When the Forward Search button is pressed, the VCR goes into fast forward play mode. In this mode, the VCR plays at 7 times the normal speed. It will stay in this mode as long as the Forward Search button is held down or the VCR runs to the end of the tape. Once the Forward Search button is released, the VCR will go into forward play. If the tape is stopped, a quick press and release of this button will put the VCR into play; if the button is held down, the VCR will go into Fast Forward Search.

**Reverse Search**

By pressing the Reverse Search button, the VCR will go into a high-speed reverse play mode. Again, this speed is 7 times the regular reverse play. The VCR will stay in Reverse Search for as long as the button is held down or until the tape is completely rewound. Once the Reverse Search button is released, the VCR will go into forward play. When the tape is not playing, a quick press and release of the Reverse Search Button will put the VCR into play, while holding the button down will place the VCR into reverse search.

**Stop**

Pressing the stop button will stop the tape from playing. Pressing any other button, except the Still/Step Button will activate the VCR.

**Battery Replacement**

If the 09459R remote fails to operate or does not seem to work properly, there is a good chance that the three AAA batteries need replacement. To replace the batteries, the bottom of the remote enclosure must be removed. This is accomplished by removing the 4 Phillips head screws located on the sides of the remote enclosure. With the screws removed, the bottom of the enclosure will separate from the enclosure top. The battery holder is secured to the enclosure bottom, and is connected to the circuit board via a 2-pin connector, which can be removed. Care should be taken when re-connecting the batteries to the circuit board to ensure proper alignment and polarization of the connector.

If, after replacing the batteries, the remote fails to function, check that the batteries are properly installed, and the 2-pin connector is properly plugged into the circuit board. Also, check that the VCR is on, and that a tape is in the VCR, and that the tape is rewound.

## ***SPECIFICATIONS:***

Dimensions—2" x 5" x 1" enclosure, 15 ft. cable length

Weight—12 oz.

Power—3 – 1.5 Volt AAA batteries

Buttons—6 buttons as follows:

PLAY/SLOW  
REVERSE  
FWD SEARCH  
REV SEARCH  
STILL/STOP  
STOP



# Lafayette Instrument Wired Infrared Remote

## Model 09459R User's Manual

### Ordering Information:

All phone orders must be accompanied by a hard copy of your order. All must include the following information:

- 1) Complete billing and shipping addresses
- 2) Name and department of end user
- 3) Model number and description of desired item(s)
- 4) Quantity of each item desired
- 5) Purchase order number or method of payment
- 6) Telephone number

#### DOMESTIC TERMS

There is a \$50 minimum order. Open accounts can be extended to most recognized educational institutions, hospitals and government agencies. Net amount due 30 days from the date of shipment. Enclose payment with the order; charge with VISA, MasterCard; or pay COD. We must have a hard copy of your order by mail or fax. Students, individuals and private companies may call for a credit application.

#### INTERNATIONAL PAYMENT INFORMATION

There is a \$50 minimum order. Payment must be made in advance by: draft drawn on a major US bank; wire transfer to our account; charge with VISA, MasterCard, or confirmed irrevocable letter of credit. Proforma invoices will be provided upon request.

#### RETURNS

Equipment may not be returned without first receiving a Return Goods Authorization Number (RGA).

When returning equipment for service, please call Lafayette Instrument to receive a RGA number. Your RGA number will be good for 30 days. Address the shipment to: Lafayette Instrument Company, 3700 Sagamore Parkway North, Lafayette, IN 47904, U.S.A. Shipments cannot be received at the PO Box. The items should be packed well, insured for full

value, and returned along with a cover letter explaining the malfunction. Please also state the name of the Lafayette Instrument representative authorizing the return. An estimate of repair will be given prior to completion **ONLY** if requested in your enclosed cover letter. We must have a hard copy of your purchase order by mail or fax, or repair work cannot commence.

#### WARRANTY

Lafayette Instrument guarantees its equipment against all defects in materials and workmanship to the ORIGINAL PURCHASER for a period of one (1) year from the date of shipment, unless otherwise stated. During this period, Lafayette Instrument will repair or replace, at its option, any equipment found to be defective in materials or workmanship. If a problem arises, please contact our office for prior authorization before returning the item. This warranty does not extend to damaged equipment resulting from alteration, misuse, negligence or abuse, normal wear or accident. In no event shall Lafayette Instrument be liable for incidental or consequential damages. There are no implied warranties or merchantability of fitness for a particular use, or of any other nature. Warranty period for repairs or used equipment purchased from Lafayette Instrument is 90 days.

#### DAMAGED GOODS

Damaged equipment should not be returned to Lafayette Instrument prior to thorough inspection.

When a shipment arrives damaged, note damage on delivery bill and have the driver sign it to acknowledge the damage. Contact the delivery service, and they will file an insurance claim. When damage is not detected at the time of delivery, contact the carrier and request an inspection within 10 days of the original delivery. Please call the Lafayette Instrument Customer Service Department for a return authorization for repair or replacement of the damaged merchandise.



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