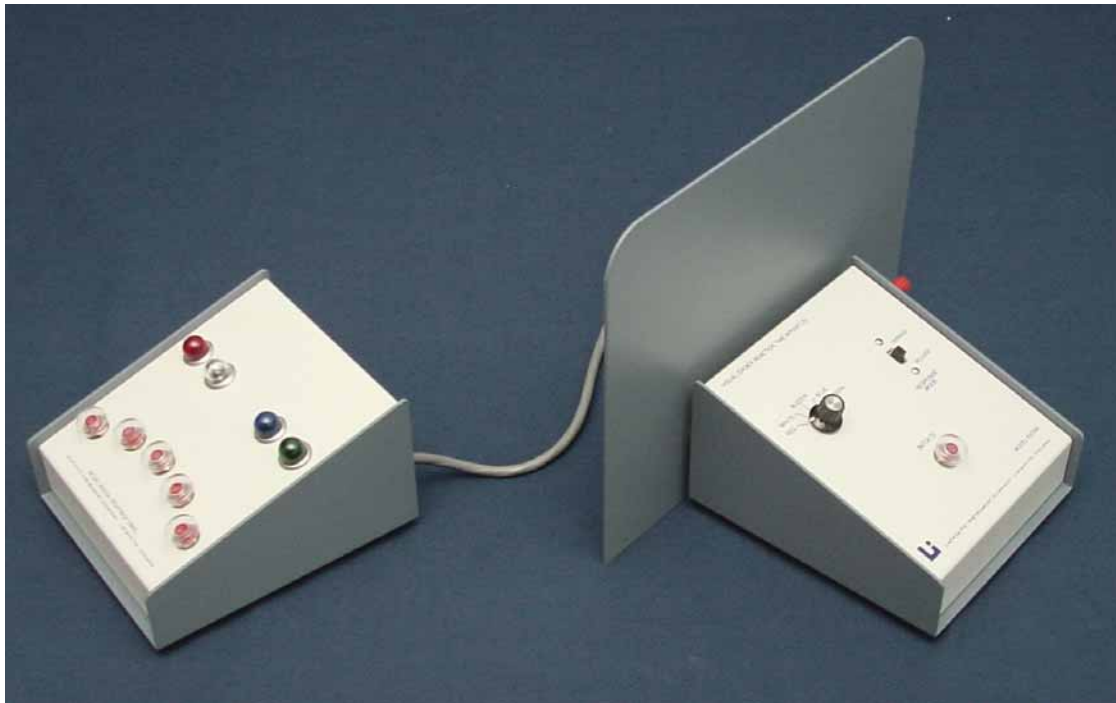


**Model 63035A**

# **VISUAL CHOICE REACTION TIME APPARATUS USER'S MANUAL**



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## *Description:*

This versatile unit was designed for use with an external timer to measure both simple and discriminate reaction times. Complete with four stimulus lamps, a Sonalert, for auditory stimulation, and five response keys, this unit was designed to provide contact closure concurrent with stimulus onset and contact release simultaneous with the correct response for an accurate measure of reaction times. Although any timer may be used with this basic unit, we recommend Lafayette's Model 54035A Multi-function Timer/Counter.

## *Specifications:*

- |                                     |  |
|-------------------------------------|--|
| ✓ <b>Line Voltage (Model 63035)</b> | 105/125V AC 50/60 Hz   |
| ✓ <b>Power (Model 63035A)</b>       | 12V DC Wallmount transformer   |
| ✓ <b>Timer Relay Contact Rating</b> | 0.5 amps @ 30V DC<br>0.5 amps @ 50V AC<br>Inductive loads should be arc<br>Supressed |
| ✓ <b>Stimulus Lamps</b>             | #47 6.3V Chicago-Miniature   |

## Operation Instructions:

1. Connect the subject and control panels together via the supplied cable and Cinch-Jones connector.
2. Connect the control panel to any convenient AC outlet (Model 63035A only). With the Model 63035A the 12-Volt wallmount transformer is connected to the AC outlet and also plugged into the power jack located on the side of the control box.
3. Connect your selected timer to the binding posts provided on the control panel. Please note that these binding posts provide contact closure only. All of the recommended timers contain their own internal power supplies and may be connected directly to the control panel.
4. Select the desired stimulus and press the *INITIATE* button. This will activate the selected stimulus and the timer.
5. The Response Mode Selector Switch determines the necessary subject response action to the stimulus. In the *DEPRESS* mode, the subject must respond by depressing the appropriate response key after the desired stimulus is selected and initiated. In the *RELEASE* mode, the subject must be depressing the selected response key when the stimulus is initiated, and respond by releasing the key.
6. When the correct response is made, the stimulus will be extinguished and the timer inactivated. Please note that only the middle (third) key will inactivate the auditory stimulus.
7. Record the reaction time and repeat steps 4-6 for the desired number of trials.

### Note:

A number of interesting studies may be investigated using this procedure. Among these are Simple Reaction Time, Two-Choice and Multi-Choice Reaction Time, Auditory vs. Visual Choice Reaction Time, the Effects of Practice, the Effects of Handiness, and the Effects of Sustained Muscle Tension.

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*Notes:*

## 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, American Express; 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, American Express; 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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