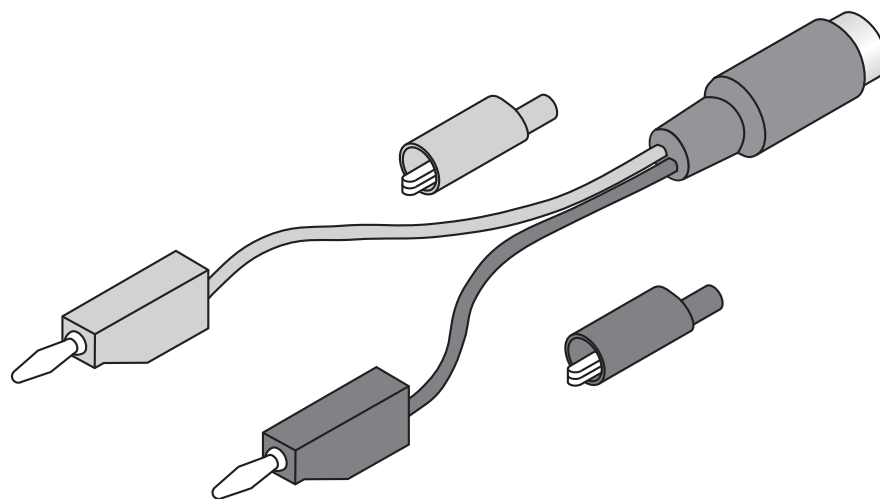


**Instruction Sheet
for the PASCO
Model CI-6503**

VOLTAGE SENSOR



Introduction

The PASCO Model CI-6503 Voltage Sensor is designed to be used with a PASCO Computer Interface (e.g., *ScienceWorkshop* interfaces or Series 6500 Interface).

The Voltage Sensor measures AC and DC voltages from -10 volts to $+10$ volts. The probe ends are standard stackable banana plugs. Alligator clip adapters are included.

Additional Equipment Required:

- Computer Interface

Voltage Protection

WARNING!

The Voltage Sensor is not designed to measure line voltage. Do not connect *any* PASCO sensor into a wall outlet. Line voltage such as 100 to 240 volts will damage the sensor and the computer interface.

– Series 6500 Interface

The Series 6500 Interface is overvoltage protected up to ± 20 volts.

– ScienceWorkshop Interfaces

Each *ScienceWorkshop* Interface is overvoltage protected up to ± 35 volts.

Setup Procedure

- ① Insert the 5-pin DIN plug into Analog Channel A, B, or C of the PASCO computer interface. The small indent on one side of the metal part of the DIN plug should face up.
- ② If banana plugs are not convenient for making electrical connection, slip the alligator clips (included) over the banana plugs.

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Edited by: Dave Griffith

Limited Warranty

PASCO scientific warrants this product to be free from defects in materials and workmanship for a period of one year from the date of shipment to the customer. PASCO will repair or replace, at its option, any part of the product which is deemed to be defective in material or workmanship. This warranty does not cover damage to the product caused by abuse or improper use. Determination of whether a product failure is the result of a manufacturing defect or improper use by the customer shall be made solely by PASCO scientific. Responsibility for the return of equipment for warranty repair belongs to the customer. Equipment must be properly packed to prevent damage and shipped postage or freight prepaid. (Damage caused by improper packing of the equipment for return shipment will not be covered by the warranty.) Shipping costs for returning the equipment, after repair, will be paid by PASCO scientific.

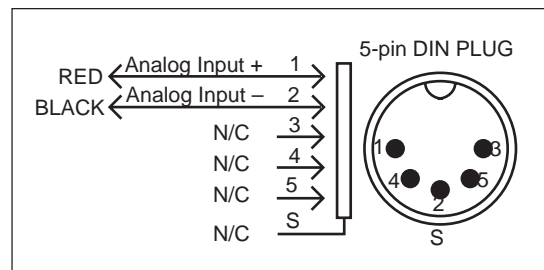
Equipment Return

Should this product have to be returned to PASCO scientific, for whatever reason, notify PASCO scientific by letter or phone BEFORE returning the product. Upon notification, the return authorization and shipping instructions will be promptly issued.

► **NOTE:** NO EQUIPMENT WILL BE ACCEPTED FOR RETURN WITHOUT AN AUTHORIZATION.

When returning equipment for repair, the units must be packed properly. Carriers will not accept responsibility for damage caused by improper packing. To be certain the unit will not be damaged in shipment, observe the following rules:

- ① The carton must be strong enough for the item shipped.
- ② Make certain there is at least two inches of packing material between any point on the apparatus and the inside walls of the carton.
- ③ Make certain that the packing material can not shift in the box, or become compressed, thus letting the instrument come in contact with the edge of the box.



Schematic Diagram