



**M3500-OPT08
4 WIRED TEST LEADS
(Needle Type)
USER'S GUIDE**

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in Taiwan

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Product Introduction

PICOTEST thanks you to purchase the "Model M3500-OPT08 4 Wired Test Leads". To reach the best performance from the product, please read this guide carefully.

1. Overview

The M3500-OPT08 4 Wired Test Leads have a four-terminal structure that can be used in wide areas.

2. Inspection & Upkeep

Inspection:

When you open the package, inspect it carefully to make sure whether defects occurred in the appearance or malfunction in the operation. Please contact with your local reseller or PICOTEST representative for more help.

Upkeep:

To clean the product, wipe it gently with a soft and moistened cloth. Prevent using

solvents, such as benzene, alcohol, acetone, ether, ketones, thinners or gasoline because of their destructive capabilities.

3. Safety

This safety information with the warning and danger marks on the user's guide reminds users to avoid risks as they are using it.

Warning: The triangle symbol in black indicates that incorrect operation might cause an injury to users or damage to the product.

Danger: The triangle symbol in red indicates that incorrect operation might cause an extreme hazard to users' life.

4. Prention

Danger

- To avoid electrical shock and personal injury, please don't measure the source out of specification.
- The maximum rated voltage between input terminals and ground is 33 Vrms, 46.7 Vp AC and 70 V DC. In addition, the maximum input current is 5A AC/DC.

Warning

- To avoid bending or pulling the product, please be careful with it when measurement is executed.
- To avoid the sharp injury by the ends of the leads, the protective pin caps are necessary to be covered when the leads are not used.

Note: The caps are placed on pins for protection during transport. Please remove the caps before use.

5. Specifications

| | |
|------------------------------------|---|
| Maximum Rated Voltage to Earth | Less than 30 Vrms or 42 Vp AC or 60 Vdc |
| Maximum Input Current | AC/DC 5 A Continuous |
| Operating Temperature and Humidity | 0°C to 40°C (32°F to 104°F), 80% RH Or Less (No Condensation) |
| Storage Temperature And Humidity | -10°C to 50°C (14°F to 122°F), 80% RH Or Less (No Condensation) |
| Operating Environment | Altitude Up to 2000 M (6562 Feet), Indoors |
| Dimension & Weight | Approx. 155 cm / Approx. 180 g |
| Accessories | User Guide |

6. Procedure

Danger

Before using the leads, please make sure that the insulation on the leads is safe, and the conductors are not exposed. If the mentioned concerns appear, kindly contact with your local reseller or Picotest representative for more help.

- Make sure that power of the output source device is turned off.
- Connect M3500-OPT08 4 Wired Test Leads to the input terminal of the power-on device as shown as Figure-1.
- Configure your meter to a proper function.
- Turn on the power of the output source device.
- Use the probes to measure the source.
- Put the caps on the probes after using.

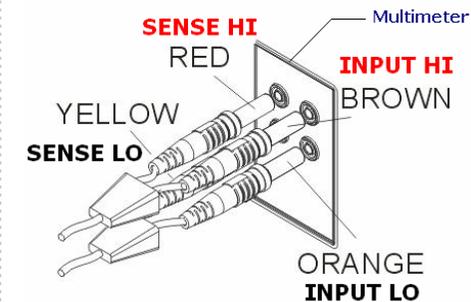


Figure-1

7. Part Names

The part names and the detailed dimension of the Model M3500-OPT08 Wired Lead are in the following Figure-2, Figure-3 and Figure-4.

- Input HI (BROWN) & Sense HI (RED)



Figure-2

- Input LO (ORANGE) & Sense LO (YELLOW)



Figure-3

- Enlarged View of Pin

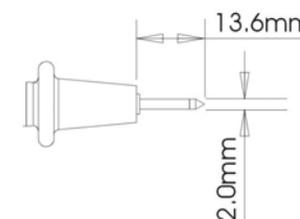


Figure-4