

TESTLINK

Remote Actuation Cable Set

Instruction Manual

COMPLIANCE
WEST_{USA}

Dear Customer:

Congratulations! Compliance West USA is proud to present you with your Interconnect Cables. They allow our groundbreaking Hipot and High Current Ground Testers to work together, representing the culmination of years of advanced design.

Before using the cable set, we suggest that you take a few moments to review this manual.

Thank you for your trust and confidence.

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Section 1

Introduction

Introduction

This manual contains complete operating instructions for the Compliance West USA Model TESTLINK Interconnect Cable Set.

The Testlink connects the two testers together to allow a simpler test setup. Now both the high current ground continuity test and the dielectric withstand test can be done by pressing one button.

Section 2

Operation

This section describes how to connect the TESTLINK. Please read the Section over so the Testlink can be installed correctly.

Contents of the Set

The TESTLINK Cable Set should include the following:

- A black 10 AWG Test Lead (Banana Plug/Banana Plug ends)
- A red 10 AWG High Voltage Test Lead (Banana Plug/NEMA 5-15 plug)
- A DB-9 to DB-9 Interconnect cable.
- This Instruction Manual

Standalone Operation of the HT and GF Testers

The GF and HT Testers can be used alone if desired. Disconnect all the Testlink cables and connect the DB-9 dongle to the DB-9 jack on the rear panel of the dielectric withstand tester. The dongle is connected to the back of the tester on a chain.. The ground continuity tester will operate without modification. Refer to the Tester Manuals for more information about conducting tests.

Interconnecting the HT and GF Testers

This section will explain how to connect the Testers to allow one-touch testing for both a high current ground test and hipot test. The equipment being tested will be connected to the HT Hipot Tester, and the Test button on the HT will control both tests.

1. Arrange the HT Hipot Tester and GF Ground continuity Tester with the HT on top of the GF.
2. Locate the two 10 AWG cables shipped with the TESTLINK. Connect the black 10 AWG cable between the "Return" jack on the Front Panel of the GF Tester and the lower jack (marked "BLACK") on the rear panel of the HT Tester.
3. Connect the red cable between the "Device" plug on the Front Panel of the GF Tester and the upper banana jack (marked "RED") on the rear panel of the HT Tester.
4. Connect the gray DB-9/DB-9 Cable between the DB-9 Plugs on the rear panels of the testers.
5. Turn the Ground Check switch on the rear of the HT ON.

Testing Products with the Interconnected Testers

This section explains how to connect the Testers to a piece of equipment being tested.

Note: The light gauge return lead packaged with the HT Dielectric Withstand (Hipot) Tester is not used when combination testing is being conducted. Please remove this cable from the HT Tester and put it away.

1. Locate the fat **10 AWG Test Lead that was packaged with the GF-30AC Tester. Connect it to the "Return" jack located on the front panel of the HT Tester.** The other end of the 10 AWG test lead will be connected to the chassis of the equipment being tested. **Because of the high current flowing, do not use the lead provided with the HT Tester when the units are interconnected.**

2. If you are testing equipment using an appliance inlet and a detachable AC line cord, locate the **14 AWG Line Cord that was packaged with the GF-30AC Tester. Connect it to the "Device" plug on the front panel of the HT Tester.** The other end of the 14 AWG Line Cord will be connected to the equipment under test. **Because of the high current flowing, do not use the leads provided with the HT Tester when the units are interconnected.**
3. If you are testing equipment using a permanently attached power cord, special calibration procedure must be conducted first. Please see the Manual included with the GF Tester, section "Adjusting the Pass/Fail Point for products with non-removable power cords" for instructions. Note: Two-wire products not equipped with a grounded power supply cord cannot be tested when the units are interconnected.
4. Connect a product to be tested to the HT Series tester.
 - a. Connect the clip of the 10 AWG Lead presently inserted into the "Return" jack on the front panel of the HT Tester to an exposed metal part of the chassis of the equipment being tested.
 - b. For equipment having a detachable power cord: Connect the 14 AWG Line Cord presently inserted into the "Device" receptacle on the front panel of the HT Tester to the appliance inlet of the equipment being tested.
 - c. For equipment with permanently attached power cords: Plug the power cord of the unit under test into the "Device" receptacle of the HT Tester. (Caution: Please be sure you have followed the instructions in Item 3 above before testing.)
5. Make sure both testers are connected to power and switched on.
6. The Reset Button on the HT Tester should be lit. Press the Reset Button. The Reset button will extinguish and the Test button will light. Push the Test button.
7. The high current ground test will be run first. The Red or Green Light on the GF Tester will indicate whether the unit under test passed this phase.
 - a. If the unit **FAILS** the high current test, the HT will indicate **GROUND OPEN** and an audible buzzer will sound. Further testing will be terminated.
 - b. If the unit **PASSES** the high current test, the HT will indicate **GROUND OK** and initiate the dielectric test. All subsequent results will be indicated by the HT unit.

Section 3

Technical Assistance

For Technical Assistance
Phone: (800) 748-6224

Technical Assistance is available from Compliance West USA between the hours of 8:30 AM and 4:00 PM Pacific Time.

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