



IR-1 Infrared Interface Instruction Manual

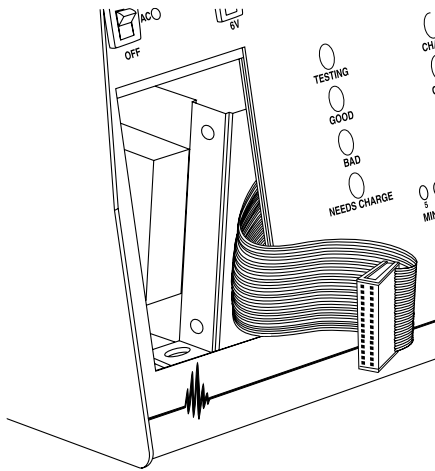
This infrared interface allows test results to be printed at a distance up to 15 feet.

CONGRATULATIONS!

You have chosen the IR-1 Interface designed for use with Auto Meter handheld testers. If you should have any questions about this product please refer to the contact information on the back cover of this manual.

INTERFACE INSTALLATION

Note: This interface will only work in an XTC-160 with version 1.4 or later firmware.



1. **Shut off tester**, disconnect any load clamps from the battery and unplug the unit from any AC source before installing the IR-1 Interface.
2. Loosen the thumbscrew at the bottom of the interface cover plate and remove entire cover. Save cover if you think you might want to use your tester without an interface. Do not operate without the IR-1 Interface or cover plate installed.
3. Carefully pull the interface ribbon cable through the door opening as shown in the illustration above, but do not disconnect the cable from the PC board located just behind the front panel.
4. Align the ribbon cable parallel to the interface as shown below. The interface ribbon wraps in front as shown.
Do not twist or fold the ribbon cable.
5. Carefully attach the ribbon connector to the connector located on the interface circuit board. Use care and do not force.
6. Install the interface making sure the ribbon is not crimped at the door edge. Insert the top tab under the panel before tightening the thumbscrew.
7. On the XTC-160. Go to the "Set Up" menu and set the select printer setting to PR-16

OPERATION

1. Perform the test using your Auto Meter hand-held tester.
2. When the test is complete, point the tester in the general direction of the IR-1. Press the print key on the tester panel. The test number and results indicated on the tester LCD will print out on the printer connected to the XTC-160 with the IR-1.
3. **LED Indications**
 - **Top LED**
 - Solid Green** - Ready to accept print job
 - Blinking Green** - Receiving IR print data
 - Solid Red** - Print error. Resend print data. Also make sure the print option setting on the hand held tester is set to XTC-160/PR-16.
 - **Bottom LED**
 - Off - Idle mode
 - Solid Green** - Sending data to printer.
 - Solid Red** - Printer not ready.



INTERFACE INSTALLATION

Infrared Receiver

This window should be kept clear of obstructions if an Auto Meter hand-held tester is used to send an infrared signal.



NOTE: If the infrared receiver on the interface is exposed to direct sunlight, the interface may not function properly. Turn the interface so that the infrared receiver is not exposed to direct sunlight, and reduce the distance from hand held testers.