

SPECIFICATIONS

Infra Red Protocol:	IrDA
Distance from Tester to Adapter:	18"
USB Cable:	Mini USB
USB cable length:	36"
Operating Temperature:	32°F to 120°F
Weight:	.25 LBS

Accessory Parts

Item	Part Number
USB Mini Cable	
Instruction Manual	
CD Installation Disc	



Techno-Tools Corporation Model B501 IR to USB Adapter

For use with the B500
Electrical System Analyzer

Print and Store Test Data from your PC

User Instruction Manual



RETURN FOR REPAIR POLICY

Every effort has been made to provide reliable, superior quality products. However, in the event your instrument requires repair, forward unit to Service Center freight prepaid to the address below with return address, phone number and/or email address.

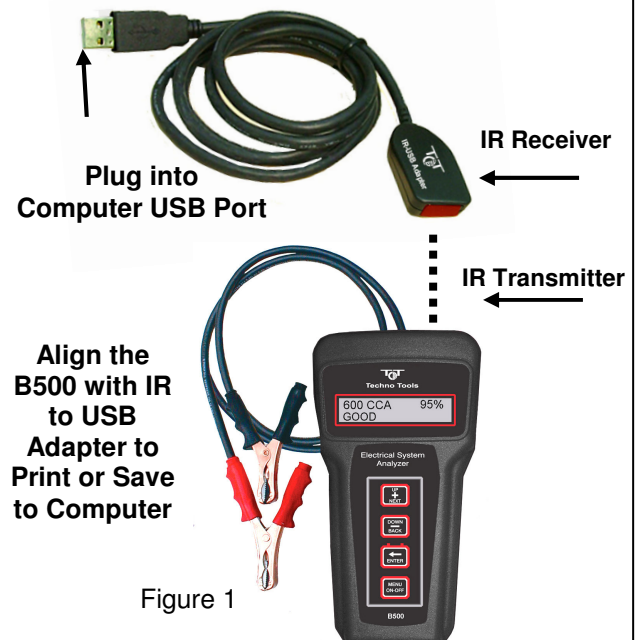
SERVICE CENTER
2651 W 81st Street
Hialeah, FL 33016

WARRANTY POLICY

The B501 Battery Diagnostic Tester is warranted to be free of defects in materials and workmanship for a period of two years from the date of purchase. This warranty applies to all repairable instruments that have not been tampered with or damaged through improper use including unauthorized opening of the unit. Please ship warranty units that require repair freight prepaid to Service Center along with proof of purchase, return address, phone number and/or email address.

INTRODUCTION

The IR to USB adapter allows the user to download the stored test data in the B501 into your computer. Once installed, the test data is stored in a Windows® program for immediate printing or saved in a file for future reference.



Installing the B501 CD

1. Insert the CD into your CD-Rom
2. Follow the simple onscreen instructions. The software will walk you through each step of the installation.
3. If the software does not start automatically:
 - ❖ Click START on the Windows Taskbar
 - ❖ Chose RUN
 - ❖ Type D:\setup.exe (where D is your CD-ROM drive)
 - ❖ Click OK.
4. Depending on the computer, the installation may take up to thirty minutes to install.
5. When the installation finishes, connect the IR to USB adapter to one of the USB ports on your computer. The computer will show the prompt "Found New Hardware". Follow the directions in the new hardware Wizard to complete the driver installation.
6. When the new hardware installation is complete, double click on the Techno-Tools Software program to open the IR to USB Adapter program.

2

Using the IR to USB Program

When the data is recognized by the IR to USB program, the following screen will appear:

Enter the customer and technician name and click on OK. The data will automatically display in the appropriate columns. Note: if it is not necessary to track the customer or technician names, click OK without entering their names.

The data will appear as below:

#	Date	Customer name	Technician	Charge state	Battery Size	Available Cap	Capacity	State of Health	Initial Voltage	Charging Volt
5	10/17/2008 2:06:25 PM	Jack Taylor	Jim B	12.4V	900 CCA	900 CCA	900	Replace	12.4V	11.0V

To save the data, click on **Save As**. The data will be saved as a .btd file. To view the file at a later date, click on **Load** and select the file name desired. Note: to save and view **all** test data stored, keep all test data in the **same** file. Each new data downloaded will always be added to the next row.

Otherwise, individual data can be saved as a separate file as long as no new data is added and saved to that file.

4

Downloading Data Using the IR to USB Adapter

IMPORTANT: YOU MUST SELECT THE IRDA PRINTER (2-22566) IN THE UTILITY MENU BEFORE PROCEEDING. SEE PAGE 5.

Click start>All Programs> Techno-Tools> Techno-Tools Software to open the IR to USB Adapter program.

1. The following screen will appear:

2. Turn on the B500 by pressing the **MENU/ON-OFF** button. To print, press **NEXT +** until the display shows **PRINT LAST TEST**.
3. Press **ENTER** ←. The display will show the message **ALIGN THE PRINTER**. Align the B500 transceiver located at the top of the tester with the adapter's IR receiver (see figure 1). **Note: The B500 must be within 18-24 in. from the adapter.**
4. Press the **ENTER** ← button. The last data stored in the memory will begin to download to the computer.

Note: The alignment between the tester and the IR printer must be proper for data to download to the computer.

3

Printing the Data on your PC Printer

To print the data using your PC printer, click on the row or rows containing the Data you wish to print. The row or rows will be highlighted.

Click on the PRINT button. The data will print out on standard 8 1/2 x 11 size computer paper.

UTILITY MENU OPTIONS

The utility menu allows the user to set up the **IR Printer** they will be using. When using the B501 IR to USB Adapter always select the IrDA printer.

To Select the IR Printer:

Press and HOLD DOWN the **NEXT +** button while simultaneously pressing the MENU/ON-OFF button. Scroll through the settings by continually pressing NEXT + until **SETUP PRINTER** is displayed.

Press **ENTER**. The default printer is the HPIr. **IMPORTANT:** The IrDA must be selected for the B501 to work since the B501 requires IrDA protocol.

Press **NEXT +** to select the IrDA printer and then press **ENTER**.

5