

Use the following instructions to install a Midtronics A124 Infrared (IR) Dongle on a Windows-based computer equipped with or without a 9-pin serial port and loaded with the Midtronics IR Reader v1.4 software. This allows battery test data from the Midtronics EXP-1000 battery analyzer to be transferred and displayed on a computer for printing later.

The Midtronics IR Reader software must be loaded onto the computer before connecting the IR Dongle.

Software Installation

1. Go to the EZ-Tech® Download Center by visiting the International® Service PortalSM > Service Reference > EZ-Tech and Diagnostic Software Support > EZ-Tech Download Center (IK2700065).
2. Locate **Midtronics EXP HD IR Reader v1.4** and select Link #1 or Link #2 to begin download and follow the prompts.
3. During the installation, create and enter a user password.



NOTE: A password is required to make any change to the software configuration.



IMPORTANT: To reset a password, the Midtronics software must be reinstalled on the computer.

IR Dongle Installation

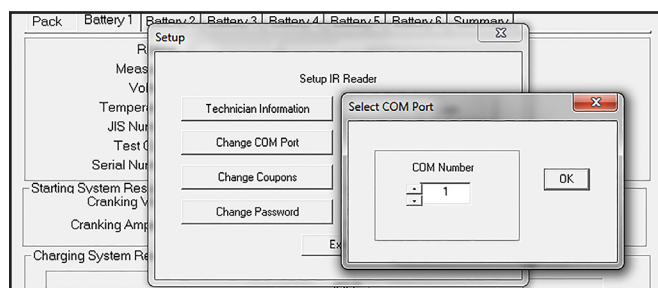
4. Connect the IR Dongle (Tool #A124) to the 9-pin serial port on a Windows-based computer.



NOTE: For computers without a 9-pin serial port, use the USB-to-Serial 9-pin Adapter Cable (Tool #A108) to connect the IR Dongle to a USB-port.

5. From the Windows **Start** menu, open the Device Manager in the Control Panel and make note of the COM Port number assigned to the dongle connection. This information will be listed under the **Port** option.
6. Using either the Windows Start menu or the desktop icon, open the Midtronics IR Reader software.
7. Select **Setup / Configuration** in the menu bar..

8. In the displayed menu select **Change COM Port**.



9. Enter the correct COM port number displayed in the Device Manager screen (Step 5) and click **OK**.
10. Choose **Technician Information**, add name and select **Exit**.
11. In main screen, enter Dealership contact info.
12. Go to **File** and choose **Exit**.

Transferring Battery Test Results from Midtronics EXP-1000 to IR Reader Software

13. Open the Midtronics IR Reader software on computer.
14. Add / Select the Technician's name from drop-down menu.
15. From the EXP-1000 Tester, perform battery test(s).
16. On the Battery Results screen, select **PRINT**.
17. Select **EZ-TECH** and click **NEXT**.
18. Choose **TRANSFER** while pointing the EXP-1000 Tester to IR Dongle. A progress bar is displayed during the actual data transfer. When the transfer is complete, the battery test results are displayed.



NOTE: If the progress bar is not displayed, the IR Dongle is not set up correctly and the data transfer was not successful. Repeat IR Dongle Installation steps to ensure device is communicating properly.

Printing Battery Test Results

19. Transfer the battery test results from the EXP-1000 Tester to IR Reader Software, referring to Step 13 above.
20. After the battery results are displayed in the IR Reader Software, select **File** and choose **Print**.
21. Select the appropriate printer device.



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