

System Configurations and Documentation

The HP 82169A HP-IL/HP-IB Interface is an HP-IL and HP-IB peripheral device. It is designed to operate with any HP-IL or HP-IB controller that has appropriate I/O (input/output) capabilities.

Configurations

The table below indicates the minimum HP-IL system configurations required to operate the interface with an HP-IB system or device.

Minimum HP-IL System Configurations

If you have an ...	then you'll also need an ...
HP-41 Handheld Computer	HP 82160A HP-IL Module HP 82169A HP-IL/HP-IB Interface
HP-75 Portable Computer	00075-90122 HP-75 I/O Utilities Solutions Book HP 82169A HP-IL/HP-IB Interface

The configuration listed for the HP-41 can access most of the interface's capabilities. In order to access *all* of the interface's capabilities, an HP 82183A Extended I/O Module should be added to the configuration.

In addition to the products listed above, you may need programs that control your system and perform the operations you desire. As an alternative to writing your own programs, contact your Hewlett-Packard dealer to see what program pacs might be available for your controller.

Documentation

The way you'll operate the interface depends upon the operation of your controller and its HP-IL or HP-IB enhancements. Therefore, the enclosed owner's manual should be used in conjunction with the manuals for the other components of your HP-IL/HP-IB system.

To learn how to operate the interface, read the following parts of its owner's manual in the order shown:

1. "System Documentation" (just after the table of contents).
2. Section 1, "General Information." This describes the basic information about how to connect the HP-IL/HP-IB system and gives an overview of the system's operation. It should help you decide how you'll set up your HP-IL/HP-IB system.

Note: If you're not familiar with how your HP-IL controller performs HP-IL operations, also look through the appendix that corresponds to your controller. This gives an overview of how you'll control the interface and HP-IB devices. (The appendix refers to features of the interface that are described in the body of the manual, so you may not understand some details at this time.)

3. The section that corresponds to your intended system setup. (This relates to whether you'll use an HP-IL controller, an HP-IB controller, or both.) These sections present technical information about the interface's operation. (Of course, you may be interested in more than one setup.)
4. The appendix that corresponds to your particular HP-IL controller. This defines the capabilities of your HP-IL system and gives an overview of how the HP-IL controller interacts with the interface and the HP-IB system. It includes examples that show how the interface operates in your HP-IL/HP-IB system. (It assumes that you're familiar with the operation of the HP-IB devices and your HP-IL controller.)



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