

System Configurations and Documentation

The HP 82164A HP-IL/RS-232-C Interface is an HP-IL peripheral device. It is designed to operate with any HP-IL controller that has appropriate I/O (input/output) capabilities and with any standard RS-232 device.

Configurations

The table below indicates the minimum HP-IL system configurations required to operate the interface with the RS-232 device.

Minimum System Configurations

If you have an ...	then you'll also need an ...
HP-41 Handheld Computer	HP 82160A HP-IL Module HP 82183A Extended I/O Module HP 82164A HP-IL/RS-232-C Interface
HP-75 Portable Computer	00075-13013 HP-75 I/O Utilities Solutions Book HP 82164A HP-IL/RS-232-C Interface

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 enhancements. Therefore, the enclosed owner's manual should be used in conjunction with the manuals for the other components of your HP-IL system and for the RS-232 device.

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 interface and external device, and gives an overview of the interface's operation.

Note: If you're not familiar with how your 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 RS-232 device. (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. Sections 2, 3, and 4. They present technical information about the interface's operation. (Refer to appendix D as required for reference information about the control and character registers.)
4. Sections 5, 6, and 7. They give specific information about using the interface with certain classes of RS-232 devices. These sections show connections for specific devices as an aid for connecting your particular system.
5. The appendix that corresponds to your particular controller. This defines the capabilities of your HP-IL system and gives an overview of how to control the interface and RS-232 device. It includes examples that show how the interface operates in your system. (It assumes that you're familiar with the operation of the RS-232 device and your controller.)



Corvallis Division

1000 N.E. Circle Blvd., Corvallis, OR 97330, U.S.A.