

**ASCII** stands for *American Standard Code for Information Interchange*.

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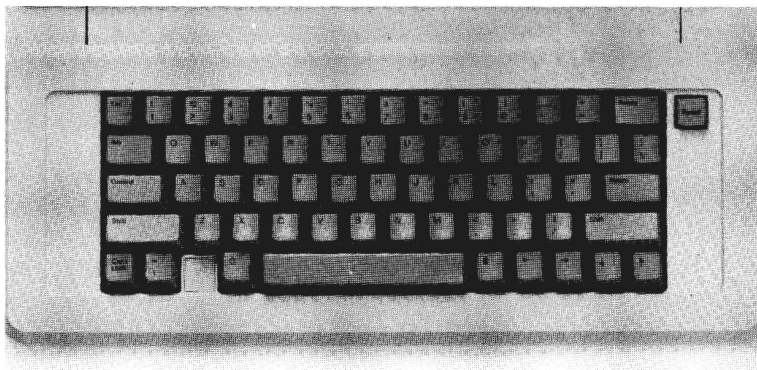
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## The keyboard

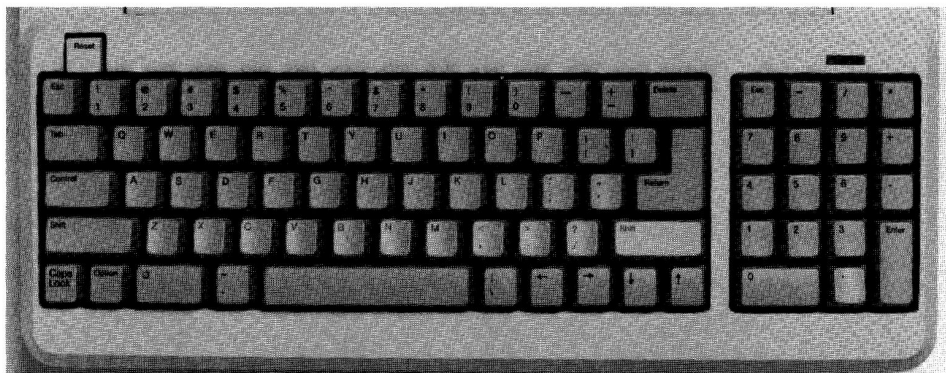
The keyboard is the primary input device for the Apple IIe. As shown in Figure 1-3 it has a normal typewriter layout, uppercase and lowercase, with all of the special characters in the **ASCII** character set. The keyboard is fully integrated into the machine; its operation is described in the first part of Chapter 2. Firmware subroutines for reading the keyboard are described in Chapter 3.

### Extended keyboard IIe

The extended keyboard IIe keyboard is laid out differently from the original and enhanced IIe keyboards, and includes an 18-key numeric keypad. The extended keyboard IIe keyboard is shown in Figure 1-4.



**Figure 1-3**  
Original and enhanced IIe keyboard



**Figure 1-4**  
Extended keyboard IIe keyboard