
Original IIe On an original Apple IIe, statements in Integer BASIC, Applesoft, and DOS 3.3 commands must be typed in uppercase letters. To be compatible with older software, you should switch the Apple IIe keyboard to uppercase by pressing Caps Lock.

Another feature on the Apple IIe that differs from the Apple II is the displayed character set. An Apple II displays only uppercase characters, but it displays them in three ways: normal, inverse, and flashing. The Apple IIe can display uppercase characters all three ways, and it can display lowercase characters in the normal way. This combination is called the *primary character set*. When the Apple IIe is first turned on or reset, it displays the primary character set.

The primary and alternate character sets are described in Chapter 2 in the section "Text Character Sets."

The Apple IIe has another character set, called the *alternate character set*, that displays a full set of normal and inverse characters, with the inverse uppercase characters between \$40 and \$5F replaced on enhanced Apple IIe's with MouseText characters.

Original IIe In the original Apple IIe, uppercase inverse characters appear in place of the MouseText characters of the enhanced Apple IIe and the Apple IIc.

The ALTCHAR soft switch is described in Chapter 2.

You can switch character sets at any time by means of the ALTCHAR soft switch.

The 80-column firmware

There are a few features that are normally available only with the 80-column display. These features are identified in Table 3-3b and Table 3-6. The firmware that supports these features is built into the Apple IIe, but it is normally active only if an 80-column text card is installed in the auxiliary slot.

When you turn on power or reset the Apple IIe, the 80-column firmware is inactive and the Apple IIe displays the primary character set, even if an 80-column text card is installed. When you activate the 80-column firmware, it switches to the alternate character set.

The built-in 80-column firmware is implemented as if it were installed in expansion slot 3. Programs written for an Apple II or Apple II Plus with an 80-column text card installed in slot 3 usually will run properly on a Apple IIe with an 80-column text card in the auxiliary slot.