

Chapter 1 identifies the main parts of the Apple IIe and tells where in the manual each part is described.

Chapters 2 and 3 describe the built-in input and output features of the Apple IIe. This part of the manual includes information you need for low-level programming on the Apple IIe. Chapter 2 describes the built-in I/O features, and Chapter 3 tells you how to use the firmware that supports them.

Chapter 4 describes the way the Apple IIe's memory space is organized, including the allocation of programmable memory for the video display buffers.

Chapter 5 is a user manual for the Monitor that is included in the built-in firmware. The Monitor is a system program that you can use for program debugging at the machine level.

Chapter 6 describes the programmable features of the peripheral-card connectors and gives guidelines for their use. It also describes interrupt programming on the Apple IIe.

Chapter 7 is a description of the hardware that implements the features described in the earlier chapters. This information is included primarily for programmers and peripheral-card designers, but it will also help you if you just want to understand more about the way the Apple IIe works.

Additional reference information appears in the appendixes:

Appendix A is the manufacturer's description of the Apple IIe's microprocessor.

Appendix B is a directory of the built-in I/O subroutines, including their functions and starting addresses.

Appendix C describes differences among Apple II family members.

Appendix D describes some of the operating systems and languages supported by Apple Computer for the Apple IIe.

Appendix E contains conversion tables of interest to programmers.

Appendix F contains additional copies of some of the tables that appear in the body of the manual. The ones you will need to refer to often are duplicated here for easy reference.

Appendix G contains information about using Apple IIe 80-column text cards with the Apple IIe and high-level languages.