

Serial Driver

Contents

Introduction to Serial Communication	7-3
Asynchronous and Synchronous Communication	7-4
Duplex Communication	7-4
Flow Control Methods	7-4
Asynchronous Serial Communication Protocol	7-5
The RS-422 Serial Interface	7-6
About the Serial Driver	7-8
Macintosh Serial Architecture	7-8
Serial Communication Errors	7-10
Using the Serial Driver	7-11
Opening the Serial Driver	7-15
Specifying an Alternate Input Buffer	7-15
Setting the Handshaking Options	7-16
Setting the Baud Rate and Data Format	7-16
Reading and Writing to the Serial Ports	7-16
Synchronous I/O Requests	7-17
Asynchronous I/O Requests	7-17
Closing the Serial Driver	7-17
Synchronous Clocking	7-18
Serial Driver Reference	7-18
Serial Driver Routines	7-18
Low-Level Routines	7-27
Summary of the Serial Driver	7-30
Pascal Summary	7-30
Constants	7-30
Data Types	7-31
Routines	7-32
C Summary	7-32
Constants	7-32
Data Types	7-33

Functions	7-34	
Assembly-Language Summary		7-34
Data Structures	7-34	
Device Manager Interface		7-35
Result Codes	7-35	