

FIRST EDITION

AMIGA TECHNICAL REFERENCE SERIES

# AMIGA ROM Kernel Reference Manual

## AmigaDOS

The Amiga computers are exiting high-performance microcomputers with superb graphics, sound, multiwindow and multitasking capabilities. Their technologically advanced hardware is designed around the Motorola 68000 microprocessor family and sophisticated custom chips. The Amiga's unique system software provides programmers with unparalleled power, flexibility, and convenience in designing and creating programs.

This volume provides a long missing addendum to the AMIGA ROM Kernel Reference Manual Series and adds a comprehensive description of the AmigaDOS system component. The *AmigaDOS Reference Manual* presents a detailed description of the central I/O and process subsystem of AmigaOs. This volume covers the latest version of Amiga's operating system. It includes:

- An introduction into elementary components of AmigaDOS such as files and locks
- AmigaDOS handlers and file systems, and how to interface them
- Pattern matching and recursive directory scanning
- A discussion of the AmigaDOS Process management
- A complete breakdown of the Fast File System disk structure
- Direct packet communication and a comprehensive documentation of DosPackets
- A detailed description of the AmigaDOS executable and link file structure
- The documentation of the AmigaDOS ROM Shell, including a tutorial and source code for implementing custom shells
- The AmigaDOS startup mechanism

For the serious programmer who wants to take full advantage of the Amiga's impressive features, the *Amiga ROM Kernel Reference Manual: AmigaDOS* is an indispensable source of information on how to use the AmigaDOS file system, how to interact and implement handlers and file systems and how to make productive use of the AmigaDOS Shell.