

**P800M Programmer's Guide 2**  
**Volume I: DOM**

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Great care has been taken to ensure that the information contained in this manual is accurate and complete. However, should any errors or omissions be discovered, or should any user wish to make a suggestion for improving this manual, he is invited to send his comments, written on the sheet provided at the end of this book, to:

P852M System Handbook  
 P856M/P857M Handbook  
 P800M Operator's Guide  
 P800M Interface and Installation Manual  
 P800M Software Reference Data  
 P800M Data Communication User Manual

Other books pertaining to the P800M series are:

The other volumes of this set are:  
 II: Instruction Set  
 III: Software Processors  
 IV: Disc Real Time Monitor  
 V: Multi-Application Monitor

This is the first of a five-volume set dealing with the Disc Operating System (non-real time and real time) for the P800M series. It describes the Disc Operating Monitor.

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The Disc Operating Monitor (DOM) is used in a non-real time disc system and is intended mainly as a tool for program development. Communication with the system normally takes place via the operator's typewriter by means of a comprehensive set of control commands, more or less as in time sharing, but not only disc storage but also the other peripherals in the configuration may be used without restriction.

This monitor allows the user to process and maintain on disc all kinds of user data, such as programs in source, object and load format as well as various files. This can be done in interactive as well as in batch processing mode.

All system components, including processors, are disc resident. The scheduled label feature allows some form of multiprogramming.

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**Introduction**

Per user there is one library on disc, pointed to by the user identification entry in the disc catalogue. All his permanent files are stored in this library, which is located on one disc only, i.e. the disc which contains the directory for that user. This implies that one user cannot have his files stored on several discs, unless, of course, he makes use of several user identification.

processors, handle his library, delete files, etc. By means of these commands, the user may create files, call batch processing.

The user communicates with the system through control commands which are normally typed in on the operator's typewriter in conversational mode, a card reader or punched tape reader in case of

ware components. The user identifies with the system through control commands (the first entry) and with its own library, i.e. the system software components. The user identifies with the system through control commands which are normally typed in on the operator's typewriter in conversational mode, a card reader or punched tape reader in case of

mode. The user may then decide on batch processing or conversational has been loaded or after a previous session or job has been closed. In reply to the message USERID; which is output after the system A session is opened when the user types in his user identification, - batch processing, working in jobs.

- conversational, working in sessions With the Disc Operating Monitor, there are two modes of operation:

