

MP/M II Command Reference

MP/M II (Multi-Programming Monitor) V2.1 - Digital Research, 1982

Disk File Index

File	Type	Size	Description
ABORT.PRL	Command	640	Terminate running program
ASM.PRL	Command	9KB	8080 assembler
CONSOLE.PRL	Command	512	Display console number
DDT.COM	Command	5KB	Dynamic Debugging Tool
DIR.PRL	Command	2KB	Directory listing
DSKRESET.PRL	Command	640	Reset disk drives
DUMP.PRL	Command	768	Hex file dump
ED.PRL	Command	9KB	Line editor
ERA.PRL	Command	2KB	Erase files
ERAQ.PRL	Command	4KB	Erase with query
GENHEX.COM	Utility	768	COM to HEX converter
GENMOD.COM	Utility	1KB	Generate PRL from HEX
GENSYS.COM	Utility	9KB	System generator
LIB.COM	Utility	7KB	Library manager
LINK.COM	Utility	16KB	Object linker
LOAD.COM	Utility	2KB	HEX to COM loader
MPMSTAT.PRL	Command	4KB	System status display
PIP.PRL	Command	10KB	File copy utility
PRINTER.PRL	Command	1KB	Set printer device
PRLCOM.PRL	Utility	3KB	PRL to COM converter
RDT.PRL	Command	6KB	Relocatable debugger
REN.PRL	Command	2KB	Rename files
RMAC.COM	Utility	14KB	Relocatable assembler
SCHED.PRL	Command	3KB	Schedule commands
SDIR.PRL	Command	18KB	Extended directory
SET.PRL	Command	8KB	Set file attributes
SHOW.PRL	Command	8KB	Show disk label
SPOOL.PRL	Command	2KB	Print spooler
STAT.PRL	Command	10KB	File/disk statistics

File	Type	Size	Description
STOPSPLR.PRL	Command	640	Stop spooler
SUBMIT.PRL	Command	5KB	Batch command processor
TOD.PRL	Command	3KB	Time of day
TYPE.PRL	Command	1KB	Display file contents
USER.PRL	Command	1KB	Set user number
XREF.COM	Utility	15KB	Cross-reference

System Files

File	Description
MPM.SYS	MP/M II operating system
MPMLDR.COM	System loader
BNKBDOS.SPR	Banked BDOS
BNKXDOS.SPR	Banked XDOS extension
RESBDOS.SPR	Resident BDOS
XDOS.SPR	Extended DOS
TMP.SPR	Terminal Message Processor

Assembly Source & Libraries

File	Description
BOOT.ASM	Boot loader source
DEBLOCK.ASM	Sector deblocking source
LDRBIOS.ASM	Loader BIOS source
RESXIOS.ASM	Resident XIOS source
TODCNV.ASM	Time conversion source
DISKDEF.LIB	Disk definition macros
Z80.LIB	Z80 instruction macros

Command Reference

File Management

DIR - Directory listing

```
DIR [d:][filespec] [SYS] [Gn]
```

Display directory. **SYS** shows system files. **Gn** specifies user area.

ERA - Erase files

```
ERA filespec
```

Delete files. Supports wildcards (., *.TXT).

ERAQ - Erase with confirmation

```
ERAQ filespec
```

Delete files with Y/N prompt for each file.

REN - Rename file

```
REN newname.typ=oldname.typ
```

Rename a file. Supports wildcards if patterns match.

TYPE - Display file

```
TYPE filespec [PAGE]
```

Display ASCII file contents. `PAGE` pauses every 24 lines.

SDIR - Extended directory

```
SDIR [d:][filespec] [options]
```

Full-featured directory with sizes, dates, attributes.

SET - Set attributes

```
SET filespec [R0|RW|SYS|DIR|ARCHIVE]
```

Set file attributes: read-only, system, archive flag.

STAT - Statistics

```
STAT [d:][filespec] [DSK:]
```

Show disk space, file sizes, drive characteristics.

File Transfer

PIP - Peripheral Interchange Program

```
PIP dest=source [options]
```

Copy files between drives, users, devices. Examples: `PIP B:=A:*.PRL` , `PIP FILE.TXT=CON:.` Options: - `[Gn]` - user area - `[V]` - verify - `[R]` - read system files

Process Control

ABORT - Terminate program

```
ABORT programname [console]
```

Stop a running program. Optional console number for remote abort.

ATTACH - Reattach process

```
ATTACH programname
```

Reconnect a detached process to current console.

CONSOLE - Show console

```
CONSOLE
```

Display current console number.

USER - User area

```
USER [n]
```

Display or set user number (0-15).

MPMSTAT - System status

```
MPMSTAT
```

Display processes, queues, memory, device assignments.

Scheduling & Printing

SCHED - Schedule command

```
SCHED mm/dd/yy hh:mm command
```

Execute command at specified date/time.

SPOOL - Print spooler

```
SPOOL filespec [DELETE]
```

Queue file for printing. `DELETE` removes after printing.

STOPSPLR - Stop spooler

```
STOPSPLR
```

Cancel current print job and clear queue.

PRINTER - Set printer

```
PRINTER [n]
```

Display or set printer device number.

System Utilities

TOD - Time of day

```
TOD [mm/dd/yy hh:mm:ss]
```

Display or set system clock. `TOD PERPETUAL` for continuous display.

DSKRESET - Reset drives

```
DSKRESET [d: ...]
```

Reset disk drives. No arguments resets all.

SHOW - Disk label

```
SHOW [LABEL]
```

Display disk label and protection status.

SUBMIT - Batch processing

```
SUBMIT filename [$1 $2 ...]
```

Execute commands from .SUB file with parameter substitution.

Development Tools

ED - Text editor

```
ED filespec [d:]
```

Line-oriented editor. Creates .BAK backup.

ASM - Assembler

```
ASM filename
```

8080 assembler producing .HEX and .PRN files.

RMAC - Relocatable assembler

```
RMAC filename
```

Produces relocatable .REL object files.

LINK - Linker

```
LINK
```

Link .REL files into executables or .SPR files.

LOAD - Loader

```
LOAD filename
```

Convert .HEX to .COM executable.

DDT - Debugger

```
DDT [filespec]
```

Debug .COM files. CP/M compatible.

RDT - Relocatable debugger

```
RDT [filespec]
```

Debug both .COM and .PRL files.

DUMP - Hex dump

```
DUMP filename.typ
```

Display file in hexadecimal format.

GENHEX - Generate HEX

```
GENHEX filename offset
```

Convert .COM to Intel .HEX format.

GENMOD - Generate PRL

```
GENMOD file.hex file.prl
```

Create relocatable .PRL from .HEX files.

PRLCOM - Convert PRL

```
PRLCOM file.prl file.com
```

Convert .PRL to non-relocatable .COM.

LIB - Library manager

```
LIB
```

Create and manage .LIB library files.

XREF - Cross-reference

```
XREF
```

Generate cross-reference listing from assembly.

Console Control Keys

Key	Function
^C	Abort program
^S	Pause output
^Q	Resume output
^P	Toggle printer echo
^H	Backspace
^X	Delete line
^R	Retype line

File Types

Extension	Description
.COM	Executable (absolute)
.PRL	Page Relocatable (MP/M)
.SPR	System Page Relocatable
.RSP	Resident System Process
.BRS	Banked RSP
.REL	Relocatable object

Extension	Description
.HEX	Intel hex format
.SUB	Submit batch file
.SUP	Startup file
.BAK	Backup file
.PRN	Print/listing file
.SYM	Symbol file
.LIB	Library file

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