

**PASCAL/MT + for the RC700 Micro  
Computer and the RC855 Work Station  
Installation Guide**



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**RCSL No:** 42-i2089  
**Edition:** June 1982  
**Author:** Flemming Kraglund

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**Title:**

PASCAL/MT+ for the RC700 Micro Computer System  
and the RC855 Work Station  
Installation Guide

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**Keywords:**

PASCAL compiler, PASCAL/MT+, CP/M, RC700/RC855 microcomputer systems, installation.

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**Abstract:**

This manual describes the installation of the PASCAL/MT+ package supplied by RC for the RC700/RC855 microcomputer systems.

(10 printed pages)

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RC Computer A/S

Printed by A/S Regnecentralen af 1979, Copenhagen

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1. INTRODUCTION

1.

PASCAL/MT+ runs under the control of CP/M, which is assumed to be installed on your RC700/RC855 Microcomputer System.

The PASCAL/MT+ package you have received contains the following:

- this manual "PASCAL/MT+ for the RC700/RC855 Microcomputer System, Installation Guide".
  
- DIGITAL RESEARCH documentation of PASCAL/MT+:
  - "PASCAL/MT+ Language"
  - "PASCAL/MT+ Reference Data"
  - "PASCAL/MT+ Language Release 5.5, Release Notes"
  
- One 8" diskette or two 5 1/4" diskettes containing the PASCAL/MT+ system.

Do not write on your distribution diskette(s) as it is your master copy, and serves as a last resort backup in case of grave errors.

2. INSTALLATION

2.

Start by making a copy of the original PASCAL/MT+ distribution diskette(s), see ref. [1], backup, and continue in the following way:

Transfer all PASCAL/MT+ files to your new CP/M diskette by means of either PIP or TRANSFER

See ref. [2], section 1.5 "PASCAL/MT + Distribution Disk Information" for an explanation of the files.

See ref. [2], section 1.6 "Minimum Configuration" if your diskette medium can not hold all the files.

The PASCAL/MT+ system need no further installation or modification.

A. REFERENCES

A.

- [1] RCSL No 42-i1995:  
CP/M for the RC700 Microcomputer System, User's Guide  
or  
RCSL No 42-i1700:  
CP/M for RC855 WORK STATION, User's Guide
- [2] RCSL No 42-i2090:  
PASCAL/MT+, Language

B. PROGRAMMING NOTES

B.

1) Number of disk drives required are:

Minidrives (5 1/4") 2.

Maxidrives (8") 1.

2) Under compiling:

If the A toggle (auto chain to linker) is used, the linker creates an input file labeled '\$\$\$\$.CMD'. This file is not erased by the linker. If the linker is called after an auto chain, it will take input from '\$\$\$\$.CMD', and not from the command line.

To overcome this problem, use the CP/M command 'ERA \$\$\$\$.CMD', when the CP/M prompt appears after an auto chain to linker.

3) Limitation:

Max length for an procedure or function is 2 Kb of code.

4) Mini drives:

Sugestion for configuration:

Create two disks, one for compiling programs, and one for linking programs.

The disk for compiling programs should contain the following files:

MTPLUS	.COM	36 k
MTPLUS	.000	14 k
MTPLUS	.001	12 k
MTPLUS	.002	8 k
MTPLUS	.003	8 k
MTPLUS	.004	18 k
MTPLUS	.005	8 k
MTPLUS	.006	6 k

MTERRS	.TXT	<u>6 k</u>
	total	116 k

The disk for linking programs should contain the following files:

LINKMT .COM 12 k

BCDREALS.ERL 4 k

FPREALS .ERL 8 k

TRANCEND.ERL 4 k

RANDOMIO.ERL 4 k

FULLHEAD.ERL 4 k

UTILMOD .ERL 2 k

ROVLMGR .ERL 2 k

DEBUGGER.ERL 12 k

PASLIB .ERL 24 k

LIBMT .COM 16 k

DIS8080 .COM 20 k

DBUGHELP.TXT 2 k

total 114 k

Please refer to ref. [2] section 1.5 "PASCAL/MT + Distribution Disk Information".

Other programs which may be useful, are:

XREF .COM cross reference utility

INDEXER .PAS (must be compiled and linked)

See DOC files for information.



**RETURN LETTER**

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Title: System and the RC855 Work Station      RCSL No.: 42-i2089  
Installation Guide

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Information Department  
Lautrupbjerg 1  
DK-2750 Ballerup  
Denmark