

TDC 3000 SSC II Personal Computer Communicator Model KAD500/600

Introduction

The Personal Computer Communicator (Model KAD500/600) is a software package operated on the PC-DOS (Ver. 3.11 or newer) in a IBM-PC/AT series personal computer or compatible machine.

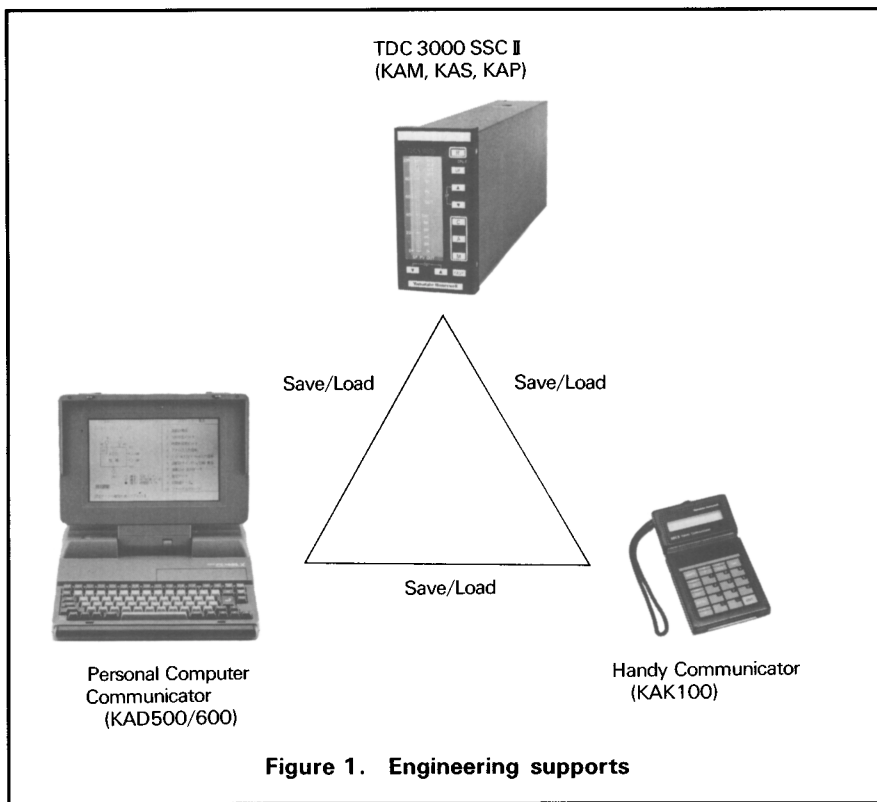
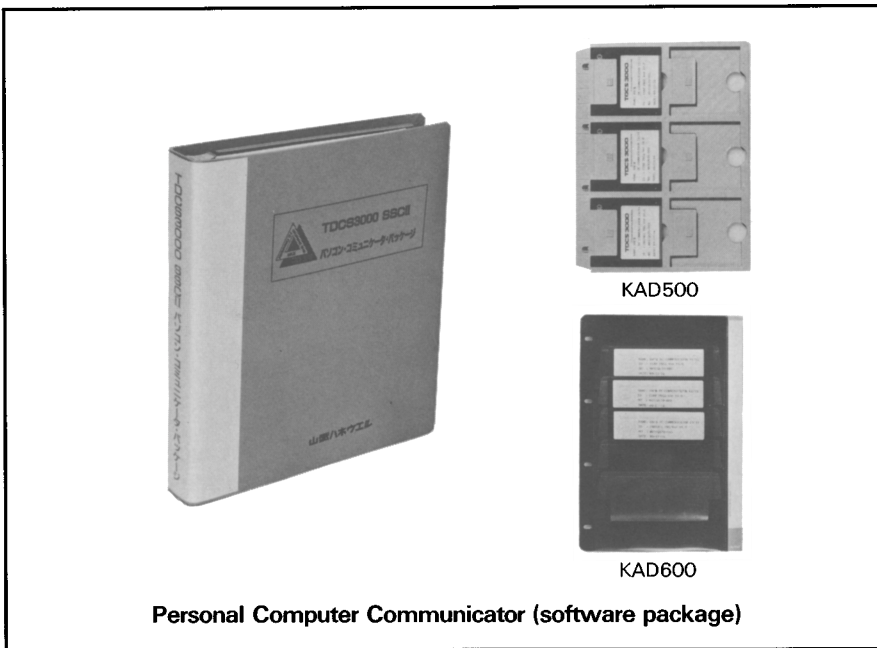
The KAD500/600 Communicator allows the configuration of PID control and arithmetic operation in the Programmable Controller, Fixed Program Controller and Programmable Arithmetic Relay in the TDC 3000 SSC II (Single Strategy Controller II).

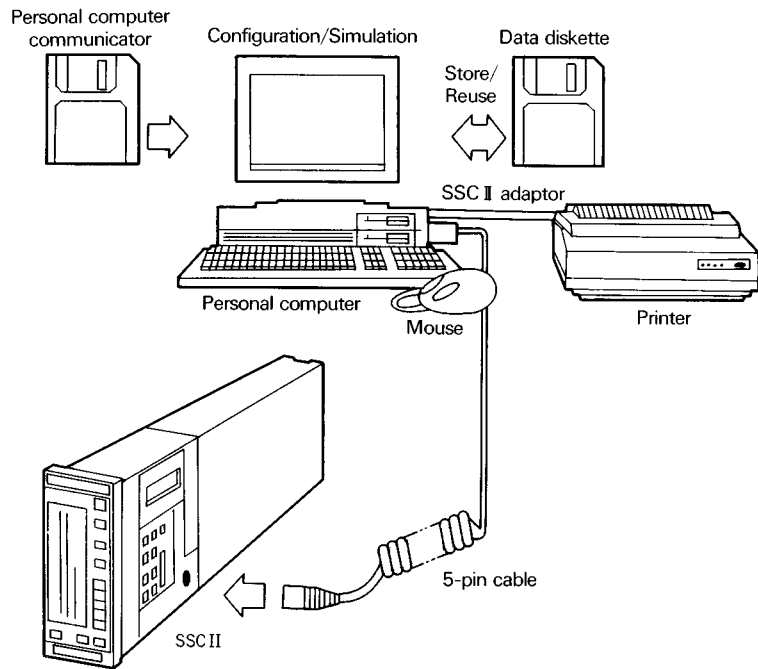
This package also performs loading (writing) and saving (reading) of the configuration data to and from the SSC II.

The KAD500/600 facilitates programming work via an interactive method according to instrumentation loop diagrams. A model providing simulated design loop functions is optional.

Engineering configuration

- Data writing and reading between the SSC II instruments and the Personal Computer Communicator or Handy Communicator are easily performed. Thus optimizing engineering work according to the number of SSC II employed.
- Data reading from the SSC II instruments is provided.





Hardware devices

Device		Description
Main devices	Computer	IBM-PC/AT and compatible machine
	DOS	PC-DOS Ver. 3.1 or newer, MS-DOS Ver. 3.21 or newer
	Memory	640k bytes
Peripheral devices	CRT display	Supporting EGA
	Disks	Floppy disks, two drives, (Hard disk can be used.) <ul style="list-style-type: none"> Specify the built-in drives with the bit switches of the personal computer. When the computer has one hard disk drive (HDD) and one floppy disk drive (FDD), install the PC Communicator onto the hard disk.
	Printer	Model supporting IBM-PC/AT
	Mouse	Serial mouse

Figure 2. Hardware configuration

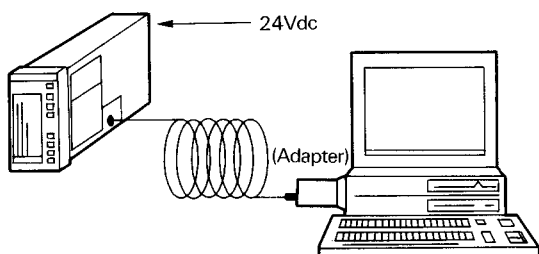


Figure 3-1. Loading/saving data between personal computer and SSC II.

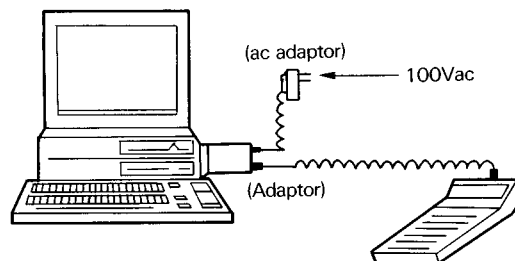


Figure 3-2. Loading/saving data between personal computer communicator and Handy Communicator.

Figure 3. How to use

Model Number Table

Basic Model No.	Options		Description
	I	II	
KAD500			PC Communicator (3.5 inch Diskette: 2DD/720KB)
KAD600			PC Communicator (5.25 inch Diskette: 2HD/1.2M)
	-0		Without SSC II Adaptor
	-1		With SSC II Adaptor (See Note 1)
		-0	Without Cable
		-1	With 5-Pin Cable (5m)

Note: 1) Required for linking with SSC II.

2) The connection cable between the SSC II and PC Communicator.

Floppy Disks of PC Communicator

Floppy disks	Function
1) PC Communicator (1/6) Configuration program 1 & install	Design sheet editing function
2) PC Communicator (2/6) Configuration program 2	File management function
3) PC Communicator (3/6) Configuration program 3	Design sheet editing function
4) PC Communicator (4/6) Configuration program 4	Printing function/transmitting & receiving function
5) PC Communicator (5/6) Simulation program 1	Simulation related data setting
6) PC Communicator (6/6) Simulation program 2	Simulation execution

Note) This personal computer communicator does not contain the DOS system.

Specifications are subject to change without notice.

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