

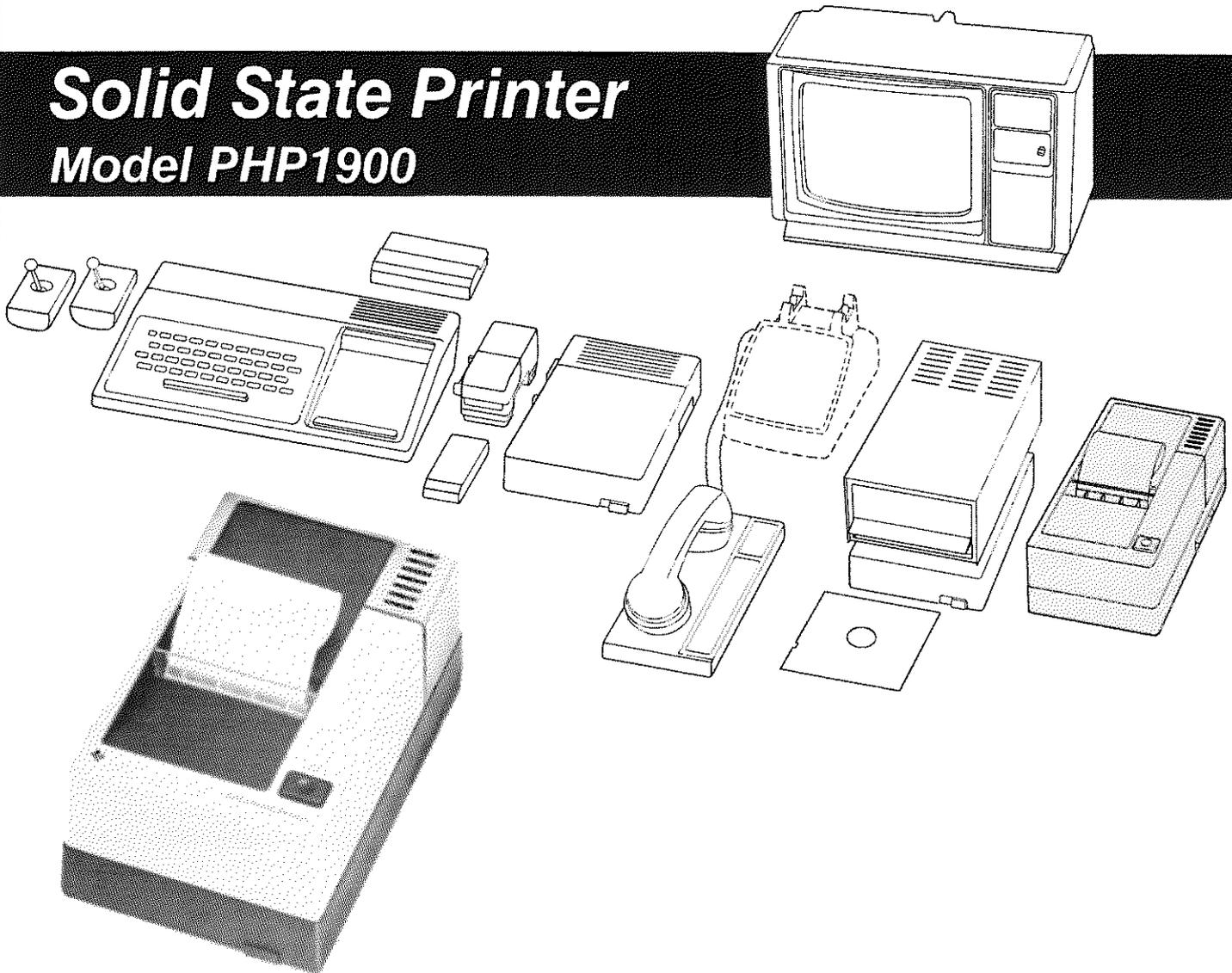
CL481A

Texas Instruments
TI-99/4 Home Computer Accessory



Solid State Printer

Model PHP1900



The Texas Instruments Solid State Printer permits printing of data in a 32-column, 5 x 7 dot-matrix character format at a speed of 30 characters per second. It is controlled from TI BASIC for printing results and can list programs from the computer memory. Spacing between lines can be varied under program control, and special characters using the 5 x 7 matrix format may be defined in user programs.

The TI Solid State Printer prints hard-copy listings of programs and data in either of two character sets, and the set used for printout is software selectable from TI BASIC. In addition to standard letters and numbers, the

printer has 32 pre-defined graphic symbols for printing charts and graphs.

Printing is done on 3.5 inch thermally sensitive paper, the same used for some of TI's printing commercial calculators. The Solid State Printer measures 10.2 x 6.75 x 5.5 inches.

Use of thermal printer technology greatly reduces the number of moving parts in the unit making it quieter and more reliable than impact type printers.

Availability of the new TI Solid State Printer is the first quarter of 1980.

Specifications

Functional capabilities.

All functions are programmable from a TI BASIC program.

Software switch options.

(Software programmable software functions).

.U: If listed in program, printer accepts user-defined characters. If not listed, printer uses its resident character set.

.E: If listed in a program, printer does not eject paper as program is run. If not listed, printer ejects five lines of blank paper for each OPEN and CLOSE statement for the printer; five lines of blank paper are also ejected before and after each LIST statement.

.S: If listed in a program, printer does not leave any space between printed lines. If not listed, printer leaves a space the width of three rows of dots between the printed lines.

BASIC language interface.

The Solid State Printer is controlled from certain *Solid State Software*™ Command Modules and from TI BASIC. The OPEN, PRINT, and CLOSE statements in a program control and output data to the printer to produce printed copy when the program is run.

The LIST command instructs the computer to print a copy of the program currently in memory. To activate the printer, you must include its file name, TP, in the OPEN statement or LIST command.

Refer to the Solid State Printer Owner's Manual for more information on using these statements & commands with the printer.

Features.

- Prints about 30 characters per second.
- Prints up to 32 characters on a line.
- Includes 32 graphic symbols in a predefined set of 128 characters.
- Prints user-defined characters, as specified in a TI BASIC program.
- Utilizes software switch options to enhance printing of charts, graphs, etc.
- Prints upper and lower case characters.

Paper.

Use only PHA-1950 thermal printing paper in your TI Thermal Printer. Other thermal papers may damage your printer and void the warranty.

Power requirements.

Voltage: 115 vac. **Frequency:** 60 Hz. **Power:** 30 W.

Physical characteristics.

Length: 25.9 cm (10.2-inches). **Width:** 17.0 cm (6.7-inches).

Height: 14.2 cm (5.6-inches). **Weight:** 2.0 kg* (4.4 lbs).
*Weight without paper.

Limited warranty.

The Texas Instruments Solid State Printer Model PHP1900 is covered by a 90-day limited warranty against defects in materials and workmanship. This warranty covers only the hardware portion of the TI Solid State Printer. See *User's Reference Guide* for complete warranty text. TI cannot and does not warrant that the TI Home Computer programs and book materials will be free from error or will meet the specific requirements of the user. The user assumes complete responsibility for any decisions made or actions taken based on information obtained using these programs and book materials, which are made available solely on an "as-is" basis (see owner's manual).

Texas Instruments reserves the right to make changes in materials and specifications without notice.

Texas Instruments technology — bringing affordable electronics to your fingertips.

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