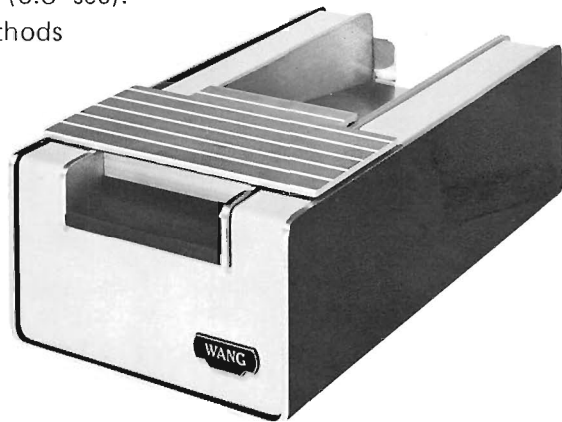


The WANG Model 2214 Mark Sense Card Reader provides a convenient and economical means of inputting data and program text into the System 2200. Information to be entered into the System 2200 via the Model 2214 must be converted by the programmer into standard ASCII character code and marked or punched on special 40-column mark sense cards. The cards are manually fed into the card reader; each card is optically read in 80 milliseconds (0.8 sec).

The user may choose between two distinct methods available for entering data via the Model 2214: Keyboard Entry Procedures and System 2200B BASIC statements.

The Mark Sense Card Reader can be used in conjunction with other System 2200 peripherals, such as the CRT, output writers and printers, and external storage devices (such as magnetic tape cassettes and disks) to provide a complete low-cost data processing capability.



MARK SENSE CARD READER 2214

DATA SHEET

METHODS OF ENTERING DATA

Method 1: Keyboard Entry Procedures (System 2200A/B) — the two keyboard entry procedures, "Input" and "Console Input," can be used with both the System 2200A and the System 2200B. Input is used to enter data from cards into the System 2200 during the running of a program. The desired values for input are marked or punched on cards in ASCII code and fed into the card reader as requested by the program. "Console Input" is used to load program text which is marked or punched on cards in ASCII code. Numbered statement lines are stored in System 2200 memory, and BASIC statements and commands in immediate mode are executed automatically. All data or program text entered via Input or Console Input is displayed on the CRT screen as entered, just as if it had been entered from the keyboard, thus providing an immediate visual verification of each entry.

Method 2: System 2200B BASIC statements (System 2200B *only*) — The two BASIC statements, DATALOAD and DATALOAD BT, provide an alternative method of data entry into the System 2200B only. The DATALOAD statement permits data to be loaded from cards into one or more alpha or numeric variable(s) or array(s). Data entered via DATALOAD must be marked in ASCII code. The DATALOAD BT statement permits the loading of data marked in any code or format. This option enables the programmer to custom-design his own card and utilize any code or format which may be appropriate. The data is read into a single alphanumeric variable or array; once stored there, it can be converted and processed utilizing the System 2200B's unique bit and byte manipulation techniques.

SPECIFICATIONS

Card Type

Marked or punched

Card Capacity

40 characters per card

Reading Rate

0.8 sec per card

Dimensions

Height 3.3 in. (8.3 cm)
Width 5.3 in. (13.5 cm)
Depth 11.3 in. (28.6 cm)

Weight

6 lbs (2.7 kg)

Power Requirements

115 or 230 VAC \pm 10%
50 or 60 Hz \pm 1/2 cycle

Cable

8-ft (2.5 m) cable with connector to female receptacle on the CPU.

Operating Environment

50° F to 90° F (10° C to 32° C)
40 to 60% relative humidity

ORDERING SPECIFICATIONS

A Mark Sense Card Reader for entering information into the WANG System 2200A or 2200B. The unit must be able to read marked or punched cards at a rate of 0.8 seconds per card. Each card must contain up to 40 characters of data or program text in standard ASCII character code. The unit should be capable of causing entered information to be displayed on an output device as it is entered, and of causing BASIC commands to be executed as they are entered. When used with a System 2200B, it should also have the capability to read information in non-standard code or format.

Wang Laboratories reserves the right to change specifications without prior notice.



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Printed in U.S.A.
700-3252A
3-74-10M