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DATA SHEET

The Model 2223 Alphanumeric/BASIC Keyword Keyboard combines a standard typewriter keyboard with a BASIC language keyword keyboard. Also, the capability to access a character EDIT function is provided (The character EDIT function is a standard feature on the System 2200T and S.)
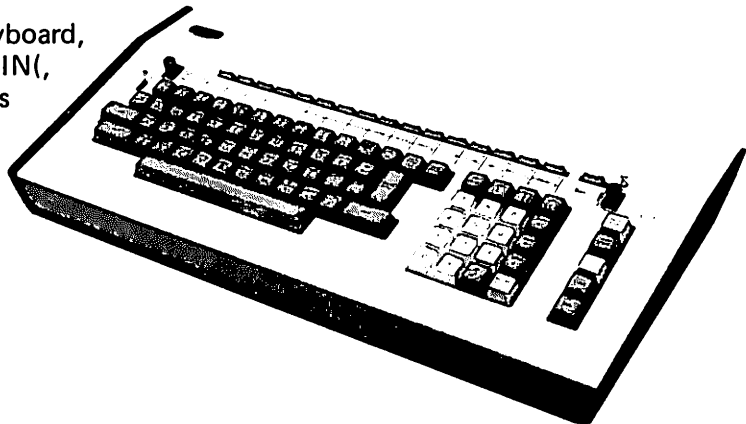
The Model 2223 keyboard provides two modes of operation for entering data and programs into the System 2200 Central Processor Unit (CPU). The mode is selected by a toggle switch located in the upper left corner of the keyboard and labelled Keyword/A and A/a. In Keyword/A mode, shifted (SHIFT key depressed) alpha keys produce BASIC words, unshifted alpha keys produce uppercase letters. This mode is most convenient for entering programs. In A/a mode, the keyboard functions as a standard typewriter. Unshifted alpha keys produce lowercase letters (displayed as lowercase if an appropriately equipped CRT is available), shifted alpha keys produce uppercase letters.

Option 32 Keyboard Clicker is available to provide an audible indication that a key has been sufficiently depressed to enter a character.

The Model 2223 Alphanumeric/BASIC Keyword Keyboard is divided into five zones (Figure 1).

Zone 1 contains BASIC keywords, alphanumeric and special character keys and certain operational keys. BASIC keywords are generated with a single keystroke. For convenience, BASIC keywords are arranged in logical groups, e.g., the subroutine group [DEFFN, GOSUB, RETURN], the program control group [FOR, STEP, NEXT], and the tape handling group [SELECT, BACKSPACE, REWIND, SAVE, SKIP]. Additionally, Zone 1 contains operation keys such as STMT NUMBER, which supplies a line number ten greater than the previous line number when entering program lines and TRACE, RENUMBER, LIST, BACKSPACE, LINE ERASE and RETURN(EXEC).

Zone 2 contains a full numeric keyboard, mathematical function keys (ARC, SIN(, COS(, etcetera), arithmetic operators (+, −, *, /, ↑), a second RETURN (EXEC) key and a keyboard PRINT key.

MODEL 2223
ALPHANUMERIC/BASIC
KEYWORD KEYBOARD

Zone 3 consists of keys for loading, controlling and executing a program. RESET stops program execution, clears the CRT, and returns system control to the user. HALT/STEP halts program execution and can be used to execute a program one statement at a time. CONTINUE continues program execution after a STOP verb has been encountered or the HALT/STEP key has been touched. CLEAR followed by no parameters, clears all program text and all variables. CLEAR V removes all variables from memory. CLEAR N clears noncommon variables from memory. CLEAR P removes program text, but not variables, from memory.

Zone 4 contains 16 Special Function Keys used to access up to 32 user-defined routines or to enter a customized data string with a single stroke.

Zone 5 contains the EDIT mode operation keys. There are nine EDIT operation keys:

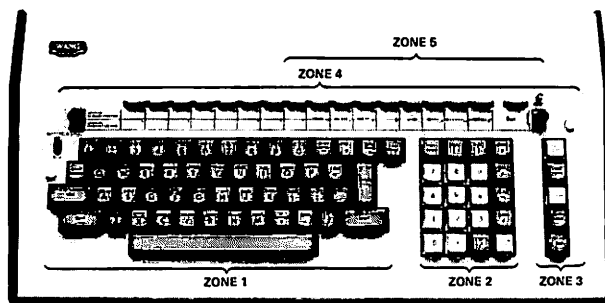|	
EDIT	used to enter EDIT mode. When in EDIT mode, the following edit functions are available on the rightmost 8 Special Function keys.
RECALL	used to recall program line in memory to edit.
◄-----	moves the cursor five spaces to the left.
◄---	moves the cursor a single space to the left.
-----►	moves the cursor five spaces to the right.
---►	moves the cursor a single space to the right.
INSERT	expands a line for additional text and data entry by inserting a space character at the current CRT cursor position.
DELETE	deletes the character at the current CRT cursor position.
ERASE	erases a line from the current CRT cursor position to the end of the line.

Figure 1

SPECIFICATIONS

Height:
3 in. (7.6 cm)
Depth:
10 in. (25.4 cm)
Width:
17½ in. (44.5 cm)
Approximate Net Weight:
7 lb (3.2 kg)
Power Requirements:
115 or 230 VAC ± 10%, 50 or 60 Hz ± 1 Hz
Cable:
8 ft (2.4 m) to controller board
Character Set:
0 to 9, A to Z, @, #, $, %, ↑, &, *, (,), −, +, =, /, ., <, >, :, ?, ", ', ?, −, ,, π.
Operating Environment
50°F to 90°F (10°C to 32°C)
20% to 90% relative humidity, allowable
35% to 65% relative humidity, recommended
Keywords:
ARC, BACKSPACE (tape), COM, COS(, DATA, DEFFN, DIM, END, EXP(, FOR, GOSUB, GOTO, HEX(, IF, INPUT, LOG(, NEXT, PRINT, PRINT-USING, READ, REM, RESTORE, RETURN, REWIND, SAVE, SELECT, SIN(, SKIP, SQR, STEP, STOP, STR(, TAN(, THEN.
Operation Keys/Switches:
Keyword/A and A/a, RESET, BACKSPACE, (cursor), CLEAR, CONTINUE, HALT/STEP, LINE ERASE, LIST, LOAD (tape), RENUMBER, RETURN(EXEC), RUN, (space bar), STMT NUMBER, TRACE.
Edit Mode Keys:
EDIT, RECALL, ◄----, ◄- , -►, ----►, INSERT, DELETE, ERASE.

ORDERING SPECIFICATIONS

The Model 2223 Alphanumeric/BASIC Keyword Keyboard must be an input keyboard having alphanumeric characters, BASIC language keywords and commands. Numbers (0 to 9), mathematical functions, arithmetic operators and program control keys must be standard on the keyboard. The keyboard must have 16 Special Function Keys capable of accessing 32 user defined subroutines and an Edit Key to enter Edit Mode to permit editing of program lines recalled from memory or data being input and displayed on the CRT.

Standard Warranty Applies.

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