Option 3, the Character EDIT ROM (Read Only Memory), provides greater editing flexibility for both the System 2200A and 2200B, in all memory sizes. With Option 3, individual alphanumeric characters in a line of program text resident in memory, or in data values or program text currently being entered from a keyboard, can be altered, inserted, or deleted, without retyping the entire line.

The Character Edit option utilizes factory or Field Service installed ROM (Read Only Memory) chips in the System 2200A or 2200B memory; a modified keyboard (either Model 2215E or Model 2222E) with 17 Special Function Keys; and a custom Special Function Strip.

The modified Model 2215E and Model 2222E keyboards provide an additional Special Function Key, located to the right of the 16 standard Special Function Keys across the top of the keyboard (see photograph). When the additional key (labeled EDIT) is depressed, the System 2200 enters EDIT Mode.

All sixteen standard Special Function Keys, both upper and lowercase, are available for user-defined operations when the system is not in EDIT Mode. When in EDIT Mode, the rightmost eight standard Special Function Keys are used for the editing operations. They are activated automatically when the system is placed in EDIT Mode and de-activated when the system leaves EDIT Mode. While in EDIT Mode, all other Special Function Keys are ignored.
The Option 3 keys and their functions are:

- **EDIT**  
  Places the System 2200 in EDIT Mode.

- **RECALL**  
  Recalls an entire program line from memory for editing. If the program line contains more than 64 characters, the entire line is displayed on several CRT lines.

- **←**  
  Moves cursor five positions to the left (multi-backspace).

- **←**  
  Moves cursor one position to the left (backspace).

- **→**  
  Moves cursor one position to the right (space).

- **→→→→**  
  Moves cursor five positions to the right (multi-space).

- **INSERT**  
  Inserts a space at the current cursor position.

- **DELETE**  
  Deletes a character or space at the current cursor position.

- **ERASE**  
  Erases remainder of line from the current cursor position.

- **KEYBOARD KEYS**  
  When in EDIT Mode, overwrites the character at the present cursor position with the alphanumeric character of the key touched.

EDIT Mode can be activated any time during console input (keying in program lines) or program INPUT (keying in data values for INPUT statements) operations. All EDIT operations then are available; as many corrections as necessary can be made until the line or data value is corrected. Touching the CR/LF EXECUTE key then enters the corrected line or data value into memory, and drops the System 2200 out of EDIT Mode.

Option 3 expands the versatility of the System 2200 by providing added flexibility to the edit capabilities of the system. The option increases the speed, convenience and economy of the system by significantly reducing program debugging and operator error correction time.

**ORDERING SPECIFICATIONS**

An editing option which must provide the WANG System 2200A or System 2200B with the ability to edit any character in program lines and data values for INPUT statements, currently being entered from a keyboard. The option must provide the ability to recall from memory and display on the CRT screen, for editing purposes, entire program lines. The editing operations must be activated by an additional Special Function Key on the Model 2215E or the Model 2222E keyboard. The 16 standard Special Function Keys must be available for user-defined operations when the system is not in the EDIT Mode. The EDIT keys must include RECALL, INSERT, DELETE, ERASE, and complete cursor positioning operations including Space, Backspace, Multi-Space and Multi-Backspace.

*Standard Warranty Applies*

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