The Model 2201 Output Writer is a modified IBM Selectric typewriter capable of outputting fully-formatted alphabetic and numeric printout under WANG System 2200 program control. All manual operations on the Selectric, including tab, upper and lowercase alpha, backspace, underline, etc., can be programmed for automatic format control from the WANG System 2200A or WANG System 2200B.

In addition, it is possible to specify single or double spacing between lines, as well as line length (i.e., a carriage return/line feed can be generated automatically after a specified number of characters have been typed out).

Sample Printout:

```
CUSTOMER'S NAME CARD NO.          MEMBER SINCE CREDIT RATING
DOE,JOHN        8x36-41-68379A-8    1968        8
CUSTOMER'S NAME CARD NO.          MEMBER SINCE CREDIT RATING
SMITH,W.C.      4x52-61-72594C-5    1972        5
CUSTOMER'S NAME CARD NO.          MEMBER SINCE CREDIT RATING
JONES,ROBERT    5x19-71-60127L-1    1960        1
ALL CARDS PROCESSED               3 TRANSACTIONS

END PROGRAM
FREE SPACE=11173


:_
```

The SELECT statement is used to specify the Output Writer for three types of printed output: PRINT, LIST, and CO (Console Output).

SELECT PRINT 211   selects the Device Address 211 (the 2201) to generate typed output from the System 2200 under program control only (i.e., output from PRINT, PRINTUSING, etc.).

SELECT LIST 211   selects the 2201 to generate a typed alphanumeric listing of specified program text lines from the System 2200 memory, when the LIST command is executed.

OUTPUT WRITER
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SELECT CO 211 selects the 2202 to type out all console output from the 2200. Console output includes:

1. An echo of all information keyed into the System 2200;

2. All system information, such as the READY message and output from STOP and END statements;

3. All output from Immediate Mode operations;

4. All output from TRACE statements and STOP operations;

5. All error messages.

The SELECT statement may be keyed in as a command in Immediate Mode or written in a System 2200 BASIC program.

PIN-FEED PLATEN

The 2201 can be ordered with an optional pin-feed platen if exact registration of the output on the paper is necessary. The standard platen in this option is 13 1/8 in. (33.34 cm.) wide with a vertical distance of 1/2 in. (1.13 cm.) between pins.

2201 SPECIFICATIONS

Paper Capacity	15 1/2 in. (39.4 cm.)
Writing Line	13 in. (33.0 cm.)
Characters per inch	12
(Characters per cm. 5)	
Characters per Line	157
No. of Lines per inch	6
(No. of Lines per cm. 2.4)	

Type Face	Prestige Elite 72 (IBM Code 012)
Average Printing Speed	13 char/sec. (Approx.)
Return (CR/LF) Time	.15 sec. + .060 sec/in. (.15 sec. + .024 sec/cm.)
Shift Time	.15 sec.
Space/Backspace Time	.07 sec.
Index (LF) Time	.15 sec.
Tabulation Time (5 in./12.7 cm max.)	.5 sec.
Set/Clear Tab Time	.5 sec.
Size: Height	8 1/2 in. (21.59 cm.)
Width	21 in. (53.34 cm.)
Depth	15 1/2 in. (39.37 cm.)
Weight:	Net 48 lbs. (21.71 kg.)
Power Requirements:	115 or 230 VAC ± 10 % 50 or 60 Hz
Connector Cable	12 ft. (3.66 m.) Cable with 24-pin amphenol connector to calculator output jack.

ORDERING SPECIFICATIONS

A Modified IBM Selectric typewriter with a built-in interface to the WANG System 2200 calculator system, to be used as an output device for that system. Typewriter must be capable of typing all alphanumeric characters, including upper and lower-case, fully formatted under program control, at a rate of 13 characters per second. Must be able to execute all formatting commands under WANG System 2200 program control which can be executed manually from the typewriter keyboard. The Output Writer must be compatible with other peripherals and output devices connected into the system. It must also be usable as a conventional typewriter.