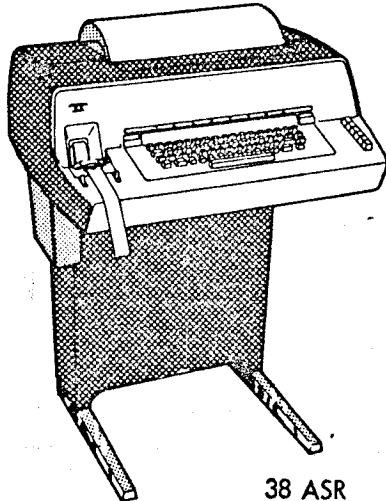


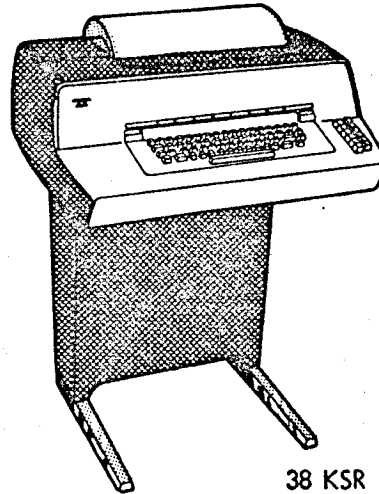
CATALOG SUPPLEMENT

TELETYPE® MODEL 38

... With APL Features



38 ASR



38 KSR

Model 33 Economy and More

Teletype Corporation's model 38 terminals continue the economical design concepts of its popular model 33 with added features. Features such as 132-character lines printed on pin-fed, wide (14-7/8") paper as used for computer print-outs. A four-row keyboard that generates all 128 codes of the American National Standard Code for Information Interchange (ASCII). Printing of 94 different graphics, including the upper and lower case alphabet, in two colors which can be selected by on-line control codes. And modern furniture styling with reduced machine noise.

Now with A Programming Language (APL)

Now Teletype offers this new low-cost terminal with APL features. Users will recognize the familiar APL keytop arrangement (see reverse side). The terminal prints the 88 APL character set plus three new APL characters, Diamond, Right Tack and Left Tack, and three ASCII characters, Opening Brace, Close Brace and Dollar Sign. In addition, the terminal has a new on-line backspace feature which permits it to print the APL overstrike characters.

Not Limited to APL

Codes generated for all controls, letters A thru Z, numerals Zero thru Nine and punctuation marks Comma, Period, Slash and Open Brace are consistent with the 1968 ASCII code assignments. You can order an accessory which permits the terminal to accommodate both pin-fed, wide paper and friction-fed 8-1/2 inch paper.

Thus, when not being applied to APL, it may be used for other purposes such as time sharing and administrative traffic in a system intermixing model 33's and 35's.

Prices on these versatile APL terminals begin at \$1228.00.

Refer to the catalog for technical facts and detailed description of Model 38 terminals.

TECHNICAL FACTS

Code

8 level start-stop with 11 unit code pattern (1 start, 7 information, 1 parity bit and 2 stop bits).

Speed

10 characters/second, 110 Baud, 100 words/minute.

Printing

Pin feed platen for 14-7/8 inch wide single or multiple ply paper.

Character spacing—10 characters per inch.

Line length—132 characters with end-of-line space suppression or automatic carriage return/line feed.

Vertical line spacing—6 lines or 3 lines per inch, operator selectable.

Impact printing with six row typewheel having 94 printing positions.

Two color printing in response to "ESCAPE" sequence.

Answer-Back

A customer programmable answer-back drum provides up to 20 character sequence.

Keyboard

4 row keyboard with APL keytop arrangement and compatible typewheel.

Paper Tape Facilities

Paper tape punch and reader using 8 level fully perforated 1 inch wide tape.

Interfaces

DC neutral current, EIA voltage or modem interface.

Power

117 VAC at 60 Hz, single phase for synchronous motor.

Maintenance

Once every 6 months or 750 hours whichever occurs first.

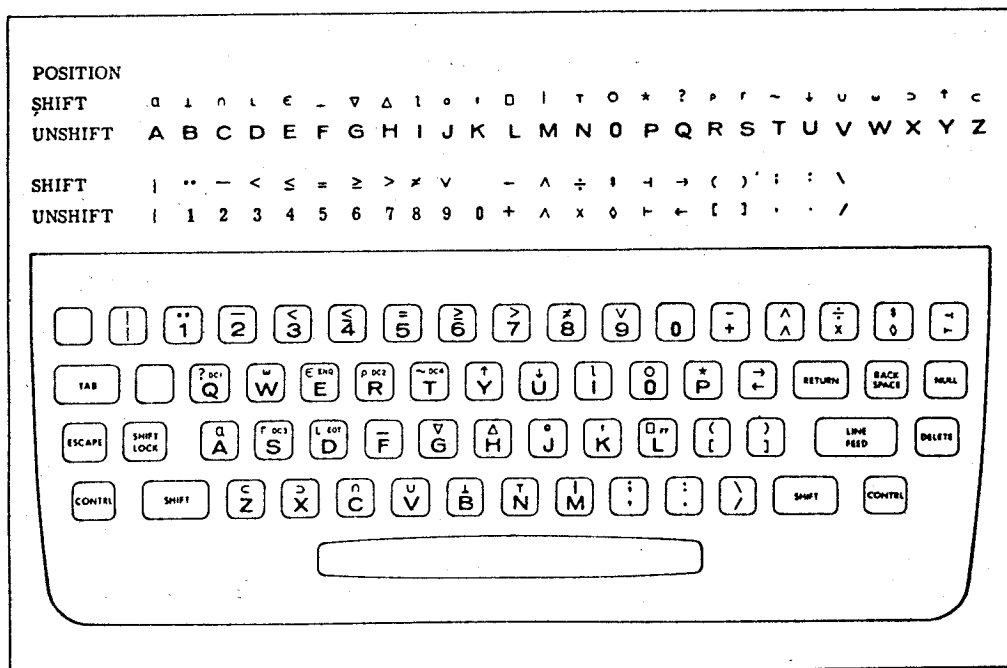
Temperature and Humidity

40 to 110 degrees Fahrenheit, 95 percent maximum humidity.

APL CHARACTER ASSIGNMENTS

Bits					0 0	0 1	0 1	0 1	1 0	1 0	1 0	1 1
b7	b6	b5	COLUMNS		0	1	2	3	4	5	6	7
			b4	ROW	0	1	2	3	4	5	6	7
0	0	0	0	0	NUL	DLE	SP	0	←	P	→	*
0	0	0	1	1	SOH	DC1	**	1	A	Q	Q	?
0	0	1	0	2	STX	DC2	—	2	B	R	⊥	ƒ
0	0	1	1	3	ETX	DC3	<	3	C	S	∩	ƒ
0	1	0	0	4	EOT	DC4	≤	4	D	T	L	~
0	1	0	1	5	ENQ	NAK	=	5	E	U	€	↓
0	1	1	0	6	ACK	SYN	≥	6	F	V	-	U
0	1	1	1	7	BEL	ETB	>	7	G	W	∇	w
1	0	0	0	8	BS	CAN	≠	8	H	X	Δ	∩
1	0	0	1	9	HT	EM	√	9	I	Y	⌈	↑
1	0	1	0	10	LF	SUB)]	J	Z	o	c
1	0	1	1	11	VT	ESC	([K	{	'	
1	1	0	0	12	FF	FS	,	;	L	†	□	†
1	1	0	1	13	CR	GS	+	-	M	X		÷
1	1	1	0	14	SO	RS	.	:	N	◇	T	\$
1	1	1	1	15	SI	US	/	\	O	∧	O	DEL

Characters Enclosed by Bold Lines Conform to 1968 ASCII



MODEL 38 DATA TERMINALS—60 Hz With APL Features	INTERFACE			
	20/60 Ma. D.C. Neutral Sig. Line or E.I.A. Interface (RS-232-C)		Modem W/Manual Orig. and Manual or Automatic Answer	
	Catalog Number	Price	Catalog Number	Price
Keyboard Send-Receive (KSR): Keyboard and page printer.	3841/4EA	\$1228.00	3841/4EG	\$1427.00
Automatic Send-Receive (ASR): Keyboard, page printer and paper tape punch and reader.	3851/6JA	\$1465.00	3851/6JG	\$1664.00

Prices subject to change without notice.

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