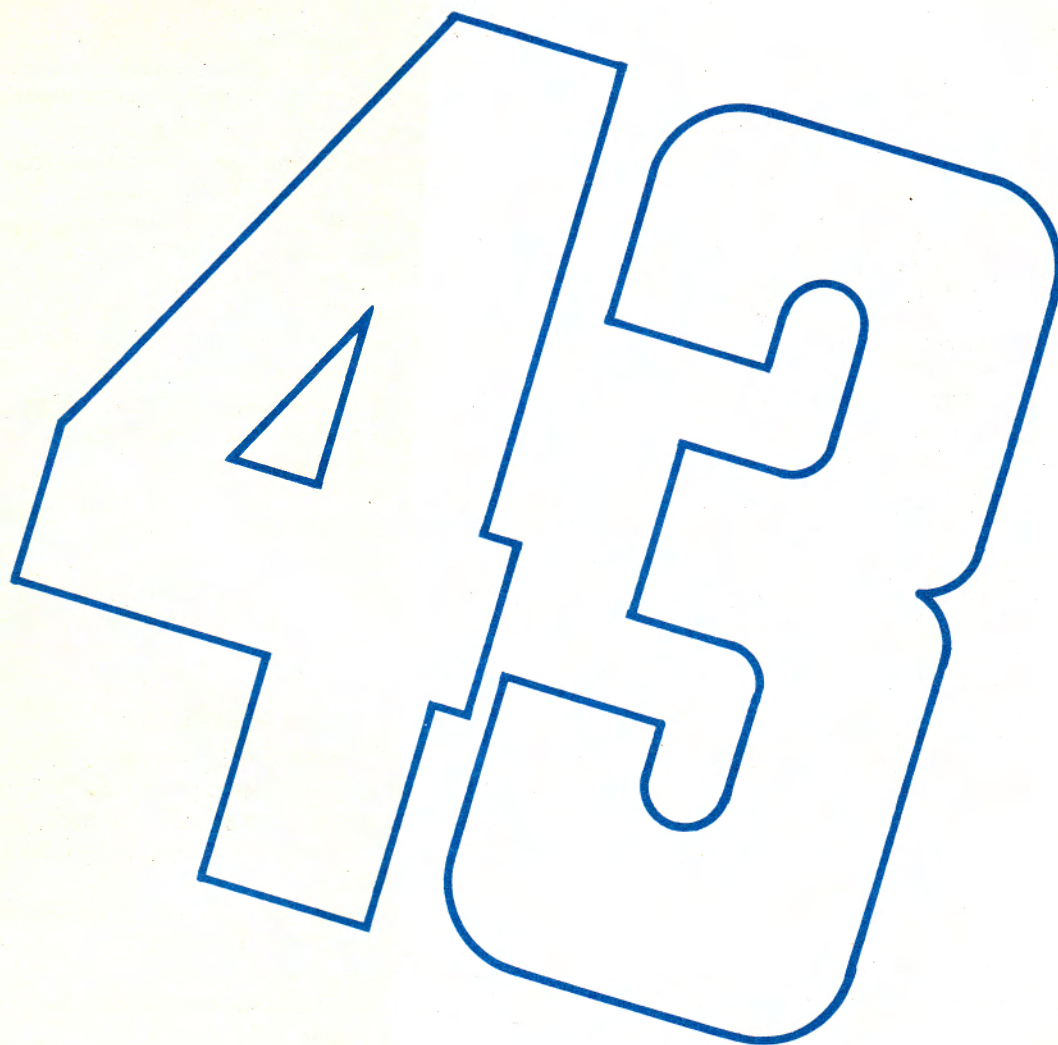




Features & Prices

JANUARY, 1979
Issue 1

STANDARD FEATURES

- All configurations
- ▲ Basic configurations
- Buffered configurations

General

Communications

- Method: Asynchronous
- Code: ASCII '68
- Mode: Half- or Full-Duplex, operator controllable; over Full-Duplex (4-wire) Switched-Network or Point-to-Point Private-Line Facilities

Speed:

- ▲ 110 or 300 bps (10 or 30 cps)
- 110, 200, 300, 600, 1200 or 1800 bps (10 to 180 cps)

Call Response & Terminal I.D.:

- Manual or Automatic-Answer, with or without Answer-Back, operator controllable
- ▲ Optional 31-character Answer-Back, operator and on-line controllable
- Built-in 20-character Answer-Back option, operator and on-line controllable

Configurations:

- ▲ ASR (Automatic Send-Receive), KSR (Keyboard Send-Receive) & RO (Receive-Only)
- BSR (Buffer Send-Receive)
- Modular components
- Built-In Diagnostics

Buffer (BSR)

- Sends and receives messages on-line while other messages are being entered and edited off-line
- Edit, Send and Was-Sent Buffers dynamically divided
- Receive Buffer accumulates data received from line until printer available
- Stop-sending character or Interrupt sent when data in Receive Buffer approaches full
- Edit Buffer permits any text to be found, by string searching for up to 16-characters, and easily corrected by character replacement, deletion or insertion

Keyboard (not RO)

- Typewriter-like keyboard generates all 128 ASCII code combinations.
- Back Space, operator and on-line controllable
- N-Key Rollover: 8-character burst buffer.
- Caps Lock, Repeat, Return, Line Feed, Shift and Control keys.
- External Numeric Pad

Printer

- Friction feed prints up to 72 or 80 char/line at 10 char/inch and 6 line/inch on standard 8-1/2 inch wide 400 ft roll-paper
- Pin feed prints up to 72, 80, or 132 char/line at 13 char/in and 6 line/inch on forms 12 inches wide. An original and up to five copies are provided depending upon paper/carbon weight
- Printing rate is a true 30 cps
- Characters formed by a 9-wire matrix impact print-head
- Prints full 94 ASCII character set (upper/lower case) plus parity error symbol
- Form Feed (Top-of-form), operator and on-line controllable.
- Horizontal and Vertical Tab & Tab Set and Clear, operator and on-line controllable
- Left and Right Margin Set and Clear, operator and on-line controllable
- Single or Double Line Feed
- Line feeds at rate of 30 lines/sec
- Paper low/out alarm
- Last character visibility
- Paper guide and supply facilities
- Ribbon cartridge (continuous inking) for easy replacement

Punch and Reader Module (ASR)

- ▲ 10 or 30 characters per second
- ▲ 8-level, 1" fully perforated oiled paper tape
- ▲ Manual and Automatic Punch and Reader Controls
- ▲ Punch Controls: Off, On, Auto/Start, Back-space, Blank feedout
- ▲ Reader Controls: Off, On, Auto/Start, Single Step/Skip; Tape Tight, Tangled, or Out
- ▲ Motor Control with motor start buffer
- ▲ 1000 ft Paper Tape supply
- ▲ Chad Box

Electrical & Physical Facts

- Input Voltage: 115 VAC @ 50/60 Hz.
- Environmental Requirements:
 - Temperature — Operating +40 to 110° F
 - Relative Humidity — 2% to 95% (non-condensing)

Dimensions & Weight (approx.):

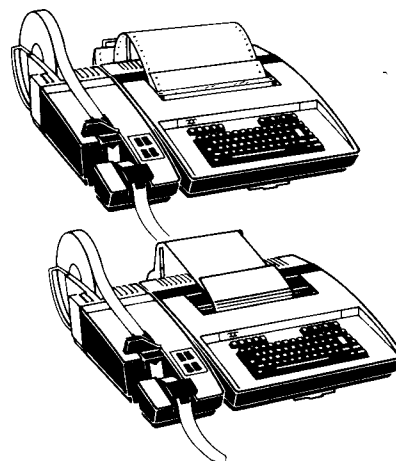
	Height	Width	Depth	Weight
▲ ASR	6"	26"	28"	70 lbs.
▲ KSR	6"	20"	27"	50 lbs.
▲ RO	6"	20"	27"	45 lbs.
■ BSR	31"	20"	27"	63 lbs.

- add 2" to height for pin feed printer
- ▲ add 25" to height for optional pedestal

BASIC 43 CONFIGURATIONS

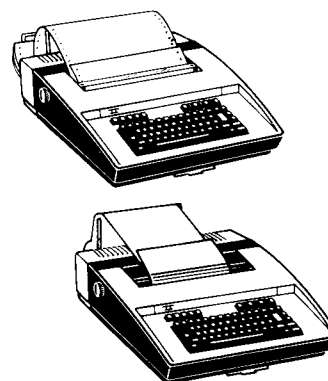
4330 ASR (Automatic Send-Receive)

Interface	Printer	Tape Reader	Catalog Number	List† Price
EIA-RS232* or DC-20 to 60ma	Pin Feed	Auto/Man'l	4330-2BCA	\$3000.00
		Auto	4330-2BDA	3000.00
	Fric. Feed	Auto/Man'l	4330-2ACA	3022.00
		Auto	4330-2ADA	3022.00



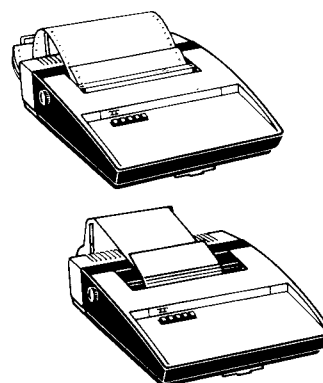
4320 KSR (Keyboard Send-Receive)

Interface	Printer	Catalog Number	List† Price
TTL-Serial	Pin Feed	4320AAA	\$1333.00
	Fric. Feed	4320AAE	1355.00
103-type Built-In Modem	Pin Feed	4320AAB	1852.00
	Fric. Feed	4320AAF	1874.00
EIA-RS232* or DC-20 to 60ma	Pin Feed	4320AAK	1442.00
	Fric. Feed	4320AAL	1464.00
Dual (Line + Aux.) each EIA* or DC	Pin Feed	4320AAH	1490.00
	Fric. Feed	4320AAJ	1512.00



4310 RO (Receive-Only)

Interface	Printer	Catalog Number	List† Price
TTL-Serial	Pin Feed	4310AAA	\$1167.00
	Fric. Feed	4310AAE	1189.00
103-type Built-In Modem	Pin Feed	4310AAB	1685.00
	Fric. Feed	4310AAF	1707.00
EIA-RS232* or DC-20 to 60ma	Pin Feed	4310AAG	1275.00
	Fric. Feed	4310AAH	1297.00



*Compatible with 103, 108-type data sets.

†A 10% functional discount on model 43 apparatus is available to non-profit educational institutions, public and private and to state, county and municipal governments and their Canadian equivalents.

Prices are subject to change without notice.

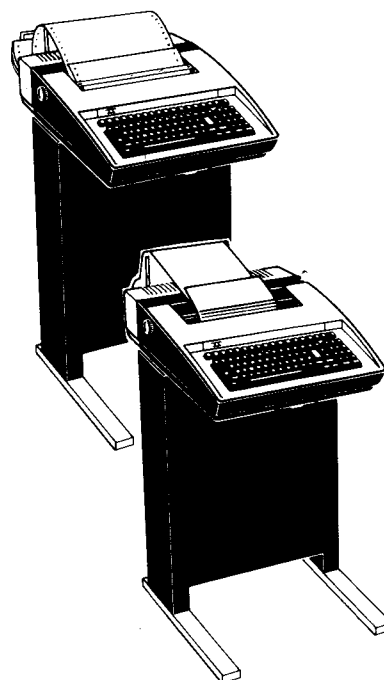
BUFFERED 43 CONFIGURATIONS

4340 BSR (Buffer Send-Receive)

Interface	Buffer Size	Printer	Catalog Number	List [†] Price
EIA-RS232*	4K	Pin Feed	4340AAA	\$3150.00
		Fric. Feed	4340AAE	3172.00
	16K	Pin Feed	4340AAB	3267.00
		Fric. Feed	4340AAF	3289.00

*Compatible with 103, 108, 202T & 212-type data sets.

†A 10% functional discount on model 43 apparatus is available to non-profit educational institutions, public and private and to state, county and municipal governments and their Canadian equivalents.



Prices are subject to change without notice.

ACCESSORIES & OPTIONS

KSR/RO Pedestal 430311 \$75.00

ASR Pedestal 430350 \$115.00

Includes AC power distribution panel and large chad box to replace smaller one supplied with ASR

Adds 16K to 4K BSR 410297 \$426.00

13 to 10 char/in Conversion

430285 Belt \$2.30

430319 Pulley \$1.40

430284 Scale \$0.90

KSR to RO Conversion

43K001AAA OpCon \$109.00/\$65.00

430251 Plate \$3.00

430252 Plate \$6.55

117608 (12) Speed Nuts \$0.24

Non-TTL ASR/KSR/RO 31-character Programmable Answer-Back 430900 \$158.00

Operator, on-line & auto-answer controllable.

Includes unprogrammed PROM, available programmed from nearest Product Service Center for \$5 extra.

Interface Cables

EIA (Receptacle to Plug)

408065 (7 ft) \$31.90 408067 (25 ft) \$55.10

408066 (12 ft) \$39.50 408068 (50 ft) \$84.40

103 Built-In Modem

430581 (7 ft) \$1.65

430582 (14 ft) \$2.45

430583 (25 ft) \$3.65

Spare Print Ribbon 430035 \$5.50

DOCUMENTATION

Technical References:

ASR/KSR/RO \$ 0.50

BSR 0.50

Pocket Version 0.30

Installation & Routine Service

KSR 368 \$2.40

BSR 387 0.96

RO 373 2.50

Manuals:

How to Operate

KSR 367 \$1.90

BSR 386 1.00

RO 372 1.90

Installation, Service & Routine Repair

KSR/RO 369 \$5.90

Complete Service & Repair

KSR/RO 391 \$15.00

Other:

Registration Instructions

KSR with BIM 407 \$0.20

Circuit Diagrams

KSR 385 \$1.10

Wiring Diagram Package

KSR/RO 493 \$8.25