

model 43 buffered teleprinters

message communications • time-sharing • computer I/O

This is the Teletype™ model 43 Buffered Send-Receive teleprinter, a remarkably reliable, surprisingly inexpensive terminal especially suited for message switching, small batch communications, and time sharing applications. The 43 BSR is microprocessor controlled and provides up to 20,000 characters of solid-state internal buffer storage for sending, receiving and editing. It includes many options that can be activated from the keyboard permitting the terminal to be quickly tailored to your system needs.

When it comes to cost saving features, the model 43 BSR can make a real contribution to the bottom line of your business. Here are some examples:

- transmits and receives via the buffer at speeds up to 120 characters per sec-

ond (180 cps on private line). . . saves on line charges and computer connect time.

- automatically transmits and receives while messages are being simultaneously prepared for future transmission. . . maximizes terminal utilization and message throughput.
- tapeless text editing capabilities permit any text to be located by string searching, quickly retrieved and corrected or changed by character deletion and insertion. Sent text is temporarily stored so that if the message was not received, received garbled or contained errors, it can be retrieved, edited and re-sent.
- the printer operates at 30 characters per second. . . permits operator to proof and edit copy before transmission and provides a permanent hard copy file.

- the friction feed version prints up to an 80 character line on 8½ inch roll paper. The pin-feed prints up to a 132 character line on 12 inch wide 8½ inch long fanfold paper that converts to a handy letter size when the ½ inch serrated feed margins are removed. . . computer reports and statistical information can be conveniently accessed, easily stored and duplicated by standard office equipment.

- full forms control is provided by horizontal and vertical tabulation and form feed (top-of-form).

- the automatic answer capability and answer back option permits the terminal to respond while unattended and answer back to be triggered by a remote sender so the local station automatically returns its identification (up to 20 characters) to the distant sender. . . assures that the receiving station is ready to receive and that the correct station has answered the call.

- for the owner of a model 43 terminal, its initial low cost is only the beginning of an outstanding value. . . because the design virtually eliminates common failures in printers. Dependable LSI circuitry is used extensively. A built-in self-test program quickly isolates a problem to a plug-in component.

Teletype Corporation products are also backed by our nationwide service organization providing fast field response time.



- ☐ High transmission speeds
- ☐ Powerful character-oriented editing
- ☐ Simultaneous local/on-line operation
- ☐ Full forms control
- ☐ 80 or 132 print positions
- ☐ Multiple copies



FEATURES

General

- Transmission
Mode: Half or Full Duplex over Point-to-Point Switched Network or Private Line Facilities
Technique: Asynchronous
Speeds: 110, 200, 300, 600, 1200 or 1800 bps
Code: 8 level, 1968 ASCII
Communications Interface: RS-232C (requires full-duplex modem) 103, 202T or 212 equivalent data sets
- Terminal Mode Control and Indicators—Terminal Local—Terminal Ready—Terminal On-Line
- Communication Function Controls for conversational or batch mode
- Answer back (up to 20 selectable characters) automatic operation optional

Printer

- Friction feed prints up to 72 or 80 char/line at 10 char/inch and 6 line/inch on standard 8½ 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 including carriage return time
- Characters formed by a 9-wire matrix impact printhead
- Prints full 94 ASCII character set (upper/lower case) plus parity error symbol
- Formatting—Horizontal and Vertical Tab Set and Clear, operator and on-line controllable
- Form feed (top-of-form) operator and on-line controllable
- Left and Right Margin Set and Clear, operator and on-line controllable
- Bell rings before and at right margin and on receipt of BEL
- Single or Double Line Feed
- Line feeds at rate of 30 lines/sec
- Paper-out alarm
- Last character visibility
- Print-position indicator scale
- Paper guide and supply facilities
- Ribbon cartridge (continuous inking) for easy replacement

Keyboard

- Typewriter-like solid-state keyboard with numeric pad; generates all 128 ASCII code combinations
- N-Key Rollover
- Caps Lock, Back Space, Repeat, Return, Line Feed, Escape, Shift and Control Keys

Buffer

- Basic buffer size is 4K characters expandable to 20K. A 16K buffer set is also available
- Send buffer is circularly organized and dynamically divided into Edit Buffer, To-Be-Sent Buffer, and Already-Sent Buffer
- Receive buffer accepts all received data from line, holds until printer available
- Six controls handle buffer functions: Buffer Enter, String Enter, Insert, Send Ready, Message Clear and Receive Message Waiting
- 13 lamps indicate various status conditions, i.e., Terminal Local, Interrupt, etc.

Miscellaneous

Self-test capabilities are provided for each major component

Electrical Requirements: 115VAC $\pm$ 10% 50/60 Hz operation

Power Consumption: 105 WATTS

Heat Generation: 375 BTU/Hour

Environmental Requirements:

Temperature-Operating

+ 40°F to 110°F

+ 4.5°C to + 43.5°C

Relative Humidity

Storage and Operating 5% to 95% (non-condensing)

Physical Dimensions (approx)

Height*	Width	Depth
32"	20"	23"
813mm	508mm	584mm

Weight 63 lbs. 29 kg. (approx)

*add 2" height for pin feed versions

For further information on any Teletype Corporation product lines, or for the location of your nearest sales or product service representative, please contact:

Sales Headquarters
5555 Touhy Avenue
Skokie, Illinois 60077
Telephone (312) 982-2000

Product Service Headquarters
1325 Pratt Boulevard
Elk Grove Village, IL 60007
Telephone (800) 323-4226

TELETYPE CORPORATION

GENERAL OFFICES: 5555 Touhy Avenue, Skokie, Illinois 60077 Telephone: (312) 982-2000—TWX: 910-223-3611 and TELEX: 25-4051 (both have 24 hour automatic answering service)