

File -  
Terminet 1200

# Terminet\* 1200

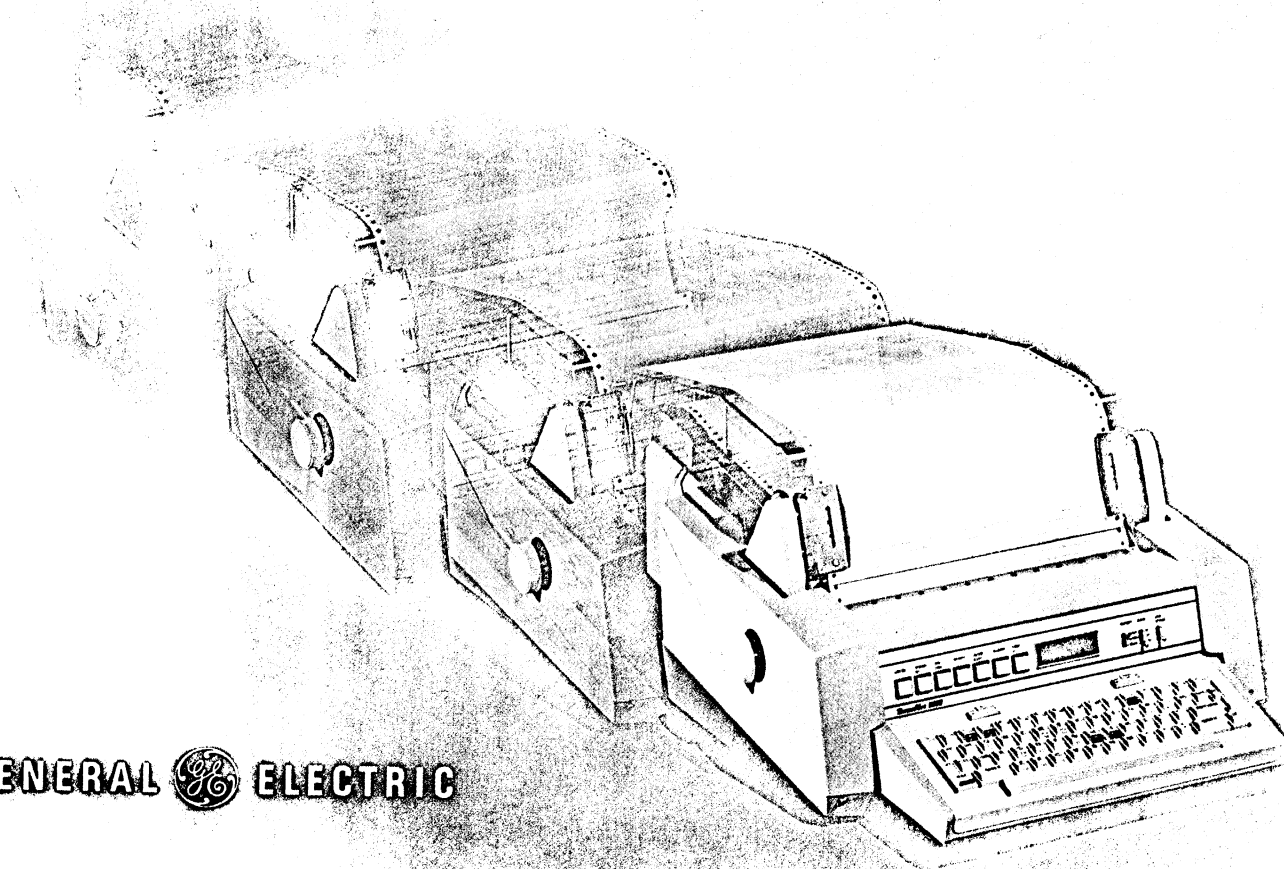
## High Speed Data Communication Printer

It's fast up to 120 char/sec, 1200 Baud

It's reliable same proven design as Terminet 300 printer

It's quiet quiet as an office typewriter

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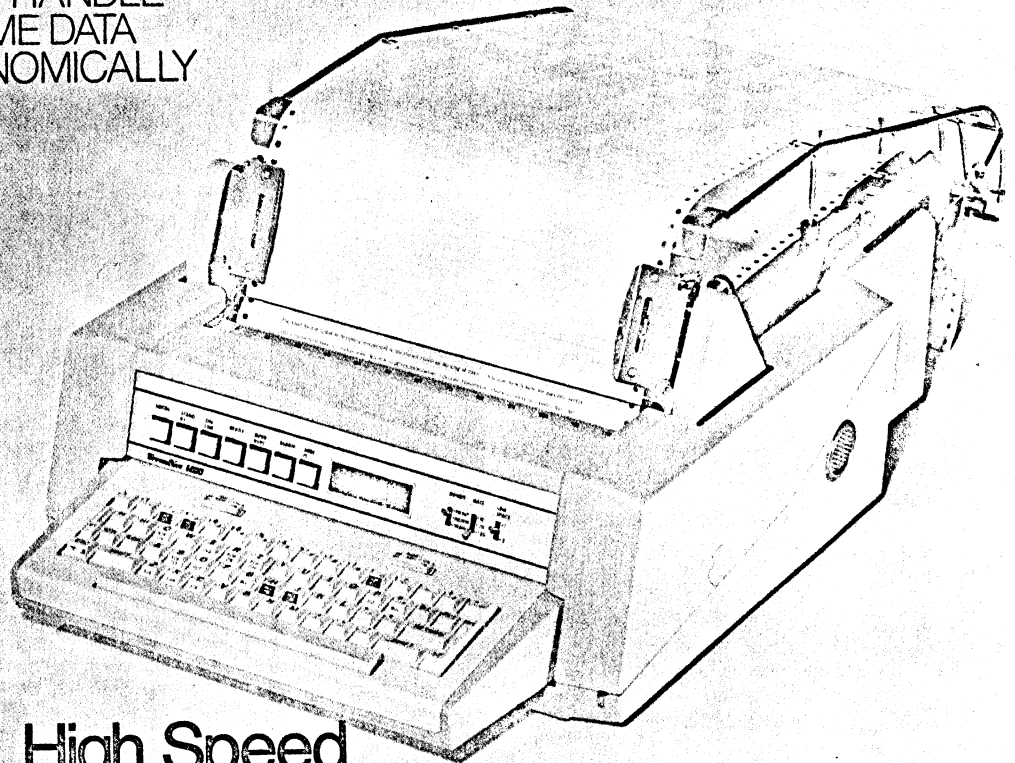
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# Terminet 1200 Printer

DESIGNED TO HANDLE  
HIGH VOLUME DATA  
TRAFFIC ECONOMICALLY

If your printer is not up to speed when handling high volume data, you're faced with unnecessary costs. Extra operator costs. Extra equipment costs. Extra line costs. Printing at 120 characters per second and transmitting at 1200 Baud rates, the new Terminet 1200 printer can reduce operator's time and line costs and can replace as many as 12 conventional low-speed printers.



## Applications

- Attended or unattended the Terminet 1200 printer handles large volumes of data transmitted and/or received over dedicated networks or the dial up system.
- Order entry or billing.
- Nationwide inventory control.
- The Terminet 1200 Printer is speed compatible for use with CRT's. Hard copies for medical and police systems frees computer memory faster and reduces the buffering requirement in the CRT.
- Ideally suited as an interactive printer to maximize computer and operator efficiency.
- Time-sharing.
- Process control.

## High Speed

The Terminet 1200 printer's 120 characters per second capability gets you up to speed with high speed computers. 1200 Baud transmission optimizes the use of public and private lines, increasing transmission efficiency — and that means time and money saved. The Terminet 1200 can also be switch selected to 10 and 30 characters per second for slower rates when required. To minimize false or incorrect characters during fast typing, the keyboard has built-in electronic protection.

## Versatility

Most functions you require can be added by simply inserting an optional plug-in module. Just a few examples are: horizontal tabulation, 120 char/sec paper tape reader and 30 char/sec paper tape punch, and long print line. No longer are you forced to use equipment poorly suited for your application. Operators will appreciate the built-in adjustable pinfeed paper tractor for use with continuous forms. Changing form size is easy and fast.

## Reliability

The Terminet 1200 printer's reliability is greatly enhanced by utilizing engineering technology, manufacturing techniques, and years of experience gained from the Terminet 300 † printer in a wide variety of uses. Capitalizing on the same basic design, the Terminet 1200 printer is as easy to use, and no extra training is required. The Terminet 1200 printer maximizes the use of modularized circuitry and minimizes mechanical parts and even at top speed performs its function with a minimum of drift, wear or need for recalibration over the long life of the machine.

## Quiet Operation

Data communication equipment is needed where the action is. Where noise is an important consideration, the Terminet 1200 printer, like the Terminet 300 printer, is as quiet as an office typewriter. You can use it in the conference room, the front office, anywhere. A hard, fast worker . . . but quiet.

## Maintainability

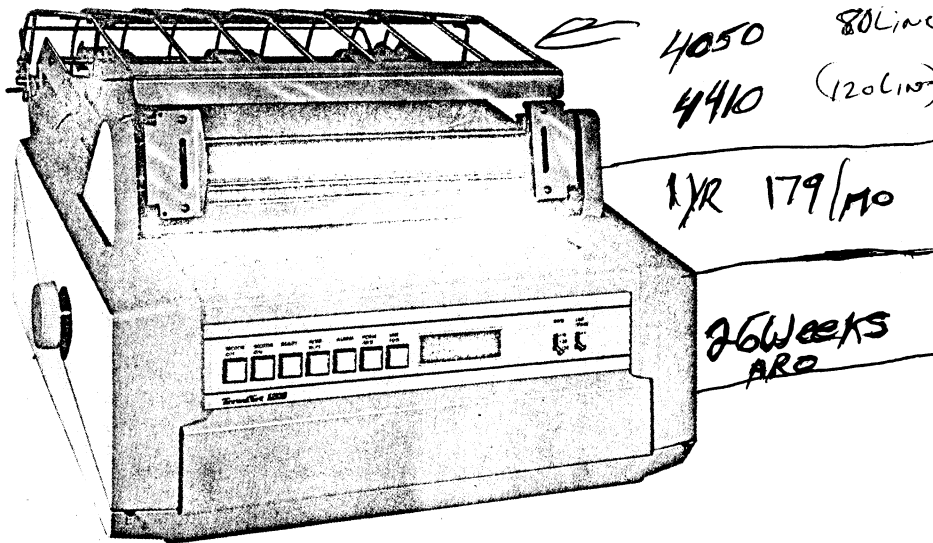
A comprehensive service program, ServiNet\*\* , is in effect with one objective: provide maximum operating time for the user. Highly trained experienced servicemen are on call 24 hours a day throughout the United States.

\*\*Service Mark of General Electric Company, U.S.A.

† The Terminet 300 printer is a 10-15-30 character per second machine that incorporates many of the same features and options as the Terminet 1200 printer.

# Receive Only (RO)

A Receive Only version of the TermiNet 1200 printer is available for applications requiring only printing of received data. For these specific needs the Receive Only version operates at less cost than a full Keyboard Send Receive Unit. In systems that require Automatic Send Receive (ASR), Keyboard Send Receive (KSR) and Receive Only (RO) units, the TermiNet 1200 printer can be supplied at lowest possible cost for the application requirement.



## Options Include:

### Long Print Line

TermiNet 1200 printer offers 80 or 120 print positions for those applications requiring a long print line.

### Integral Modem

The integral 300 and 1200 baud modems can be used with manual access arrangement CDT. An optional model of the 1200 baud modem can be used with automatic data access arrangement CBS for completely unattended operation.

### Selective Addressing

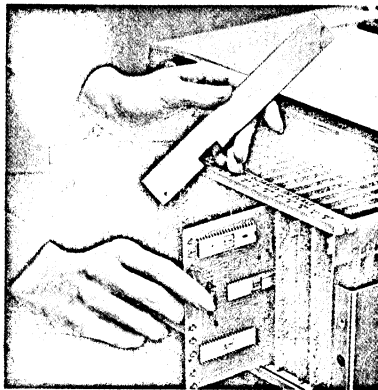
This allows a transmitting source to select certain member(s) of a group of terminals on a party line so only they will receive the data to be transmitted, and conversely each terminal can be selected to transmit.

### Tape Punch

The solenoid driven punch is operated at 10, 15, and 30 characters per second and has no moving parts, except during the punching operation, to reduce wear and noise. The operator can automatically prepare a leader at the beginning of a tape.

### Horizontal Tabulation

Tabs can be set quickly at every print position on the print line. This may be done from a remote location or from the local keyboard. This gives the user ultimate freedom in formatting his output data and execution of any tabbing operation with no fill time.



Large-scale integrated circuit boards are the brains of the TermiNet 1200 printer. These plug-in modules, the latest in electronic circuitry, make the printer more compact, easier to maintain.

### Vertical Tabulation and Form Feed

TermiNet 1200 printer is able to tabulate vertically for use with pre-printed forms. The form feed feature allows each form to be indexed to the top of the page.

### Transparency

For operation with the paper and magnetic tape accessories, the terminal may be switched to a code-insensitive or sensitive mode.

### Answerback

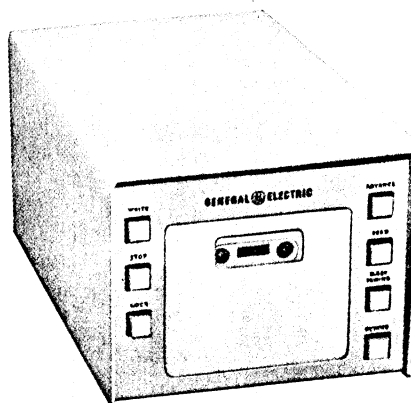
Up to a 20 character message can be supplied in the answerback option. This gives a remote location positive identification of a printer without requiring an operator to be present.

### Character Parity Error Detection

The printer checks for parity upon receipt of each character, prints a diamond in place of the printable character in error and optionally sends a "break" signal.

### Closed Loop (Parallel Interface)

Provisions are made for accepting data in parallel form from TTL logic buffered sources on a Ready/Busy basis.



### Tape Cassette Accessory

This option adds the capability of data storage and retrieval on magnetic tape. Read and write speeds may be chosen from 10, 20, 30 or 120 char/sec. Device codes over transmission lines can direct the cassette to read, write, rewind, or stop with no operator present.

# Specifications

## TRANSMISSION

CODE: USASCII  
INTERFACE: EIA Standard RS-232/C  
SPEED: 110, 300 and 1200 Baud operator selectable with factory options of 10, 20, 120 cps or 30, 60, 120 cps  
MODE: Full or Half-Duplex  
TYPE: Asynchronous — Crystal Clocked  
DATA SET: 1200 baud 202C compatible internal modems with reverse channel as an option; for use with manual or automatic data access arrangements (CDT or CBS). 300 baud 103 A compatible internal modem for use with manual data access arrangement CDT.

## PRINTING

TYPE: Impact, Original plus 5 copies  
SPACING: 10 Characters/Inch Horizontal  
6 Lines/Inch Horizontal  
LINE LENGTH: 80 print positions (optional 120 print positions.)  
PAPER: Standard printer uses adjustable pinfeed paper tractor for use with continuous form sets or other fanfold edge punched paper from 3 inches up to 12 27/32" wide.  
AVAILABLE CHARACTERS: 94 Printable Graphics of USASCII  
Includes Upper and Lower Case  
SPEED: 10, 30 and 120 characters per second with factory options of 10, 20, 120 cps or 30, 60, 120 cps  
RIBBON: Standard Business Machine

## OPERATOR CONTROLS

SWITCHES:	PUSHBUTTONS INDICATORS:
Power, "On-Off"	Standby
Speed, 10, 30 or 120 characters per second	Local
Automatic Line Feed	Ready
Inhibit Print/Transmission	On Line
Single/Double Space	Here Is
Transparency (optional)	Interrupt
Upper/Lower Case	Local LF (RO only)
	Local FF (RO only)

## ELECTRICAL

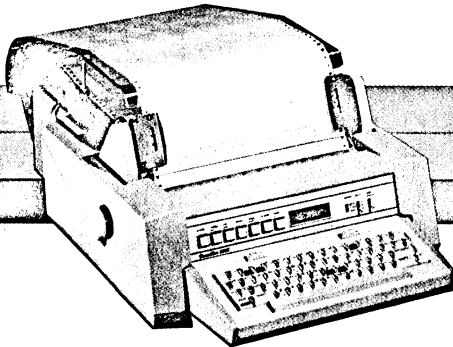
+1  
117VAC  $\pm$  10%, 60 Hz  $-$  1.5Hz, less than 2.5 AMP

## PHYSICAL

Length **KSR** — 31 3/4" (80 cm), **RO** 27 1/4" (69 cm)  
Width **KSR** — 20 1/2" (52 cm)  
Height **KSR** — 11 9/16" (33 cm)  
Weight **KSR** — 90 lbs. (41 kg), **RO** 83 lbs. (38 kg)

## OPERATING ENVIRONMENT

TEMPERATURE: + 32F to + 110F (OC to 43C)  
HUMIDITY: 10 to 95%  
ALTITUDE: 0 to 12,000 ft. (0 to 3,700M)



GE TermiNet 1200 printers are available from many major suppliers of computers, computer time-sharing services, or data communication systems. For all such installations, specify the General Electric TermiNet 1200 printer. In Canada, contact Canadian General Electric Co., LTD. 100 Wingold Avenue, Toronto, Ontario, Canada.

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