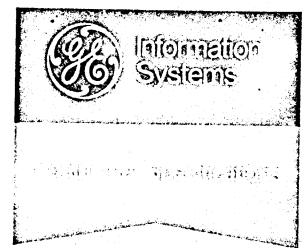# GENERAL ELECTRIC
TermiNet* 300
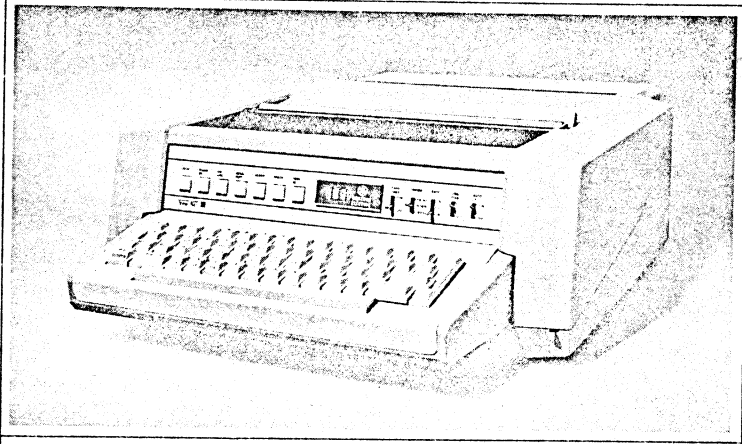# Data Communications Terminal

General Electric's TermiNet 300 (SRT 301) is a remote, on-line data communications teleprinter which offers advanced capability in both print speed and quiet operation.

Its high-speed operation permits economic utilization of computer productive time since less time is lost waiting to receive data. Low noise levels make the TermiNet 300 suitable for up-front office operation . . . rather than being relegated to remote areas where noise can be tolerated. Stand-by noise is virtually non-existent. And, with its chain printing technique, operating noise is much lower than that of comparable machines.

Circuit boards, employing the latest LSI microelectronics, helped achieve size and weight reduction goals while providing solid-state reliability. And their modular, plug-in design simplifies maintenance. Many of the specifications of this terminal are the result of converting mechanical functions to modern electronic operation.

Adaptable to a variety of field-installable options, the TermiNet 300 offers the flexibility and high performance demanded for today's sophisticated data communication needs.

SPECIFICATIONS

SIZE:
7 inches (from desk top)
19¾ inches wide
26½ inches long (front to back when facing keyboard)

WEIGHT:
Approximately 65 pounds

ENVIRONMENT:

Temperatures: +32°F to +110°F Operating
−20°F to +160°F Storage

Altitude: 0-12,000 feet—Operating
0-50,000 feet—Non-Operating

Humidity: 0-95% Relative Humidity—operating or non-operating

INPUT POWER:
105-127 volts, 60 Hertz,
single-phase, 1.5 amps

TRANSMISSION

Code: USASCII

Interface: EIA Standard RS-232B

Speed: 110, 150 and 300 Baud

Mode: Normal and Echoplex

Type: Asynchronous-Crystal Clocked

Data Set: Bell 103A, GE TDM 115, 114, 110, 111
Western Union 1601, 2121

Distortion: Transmission and receiving clocking is accomplished by a crystal oscillator which is accurate to ±.05%.

*Trademark of General Electric Company

GENERAL ⊕ ELECTRIC

PRINTING

Type:
Impact, Original plus 6 copies

Spacing:
10 Characters/Inch
6 Lines/Inch

Line Length:
118 Print Positions

Paper:
Roll, Pin-Feed, or Sheets

Available Characters:
94 Printable Graphics of USASCII Includes Upper and Lower Case

Speed:
10, 15 and 30 cps

Ribbon:
Standard Business Machine

OPERATOR CONTROLS

ON/OFF—A switch is located on the right rear of the unit for controlling input power.

STANDBY—This button on the front of the GE Termi-Net 300 data communication terminal indicates an idle condition with no moving parts. The unit can be activated remotely or by local action when on standby.

ON LINE—This button indicates that the unit is ready to be used in conjunction with a data set in the communication mode.

LOCAL—This button activates the terminal for use in off line or local activities.

INTERRUPT—This button sends a spacing signal of approximately 200 milliseconds when pressed. When interrupt or "break" signal is received this button will light and the key board will be inactivated until this button is reset.

THREE SPEED SWITCH—Adjusts for one of the three possible speeds.

SINGLE SPACING/DOUBLE SPACING—Adjust line feed distance.

AUTOMATIC LINE FEED—When in the "On" position, automatic line feed generates the line feed code automatically when the carriage return key on the keyboard is depressed. If in the "Off" position, only the carriage return code is generated.

ALARM—A light is provided that gives a visual indication when some occurrence indicates an unusual condition. A low paper situation will cause an alarm, and also a line voltage excursion beyond prescribed limits.

PAPER TAPE READER (TRP 300) (optional)

SPEED: 10, 15 and 30 cps

TYPE: Photoelectric

TAPE: 1" Fully Perforated

CHANNELS: Eight

READER CONTROLS: Off/Run
Backspace/Load
Skip Deletes
Read or Omit Next
Character
Word
Line
Lock/Norm

PAPER TAPE PUNCH (TRP 300) (optional)

TYPE: Fully Perforating

TAPE: 1" Paper or Mylar®

CHANNELS: Eight

PUNCH CONTROLS: On/Off
Backspace (Manual)
Leader

OPTIONS

Paper tape reader
Paper tape punch
Horizontal tabulation (HTF 300)
Vertical tabulation and form feed
Pin feed (PFP 300)
Acoustical coupler

®DuPont reg. TM

INFORMATION SYSTEMS

GENERAL ⟨GE⟩ ELECTRIC