

Datapoint 3300

& Friends



Computer Terminal Corporation



A TEXAS CORPORATION

The Datapoint 3300T Magnetic Tape Unit



Description

The Datapoint 3300T Magnetic Tape Unit is used in conjunction with the Datapoint 3300 CRT Terminal to provide a permanent record of all transactions. The Tape Unit consists of a cartridge magnetic tape transport with storage buffer and controls to provide:

- On-line data storage
- Off-line message preparation
- High speed off-line message retrieval, forward and reverse
- On-line transmission
- Editing capability

The CRT and Tape Unit operate as a system in the following modes:

Record Mode — The Tape Unit storage buffer accepts data from the CRT Terminal keyboard and communications interface system. The data is accumulated in blocks and transferred to magnetic tape. The data blocks are formed coincident with displayed data lines on the CRT Terminal and may be fully edited before they are committed to tape. The record mode is operable in on-line, full or half duplex, and off-line operational modes of the Datapoint 3300 CRT Terminal.

Reproduce-Local Mode — The Tape Unit provides high speed — 60 characters per second — recall of the stored data to the CRT display. The data is reproduced as a scroll and may be accessed in the forward or reverse directions. This mode does not interfere with the on-line status of the Terminal and allows the operator to review previous transactions that have progressed off the screen of the CRT. The computer transactions may be resumed by switching the Tape Unit to the Record Mode. This mode is also used in off-line retrieval from stored files.

Reproduce-Remote Mode — The Tape Unit is placed under the control of the communications interface system of the CRT Terminal. Data is reproduced in start-stop format at the speed setting of the interface. The "X-on", "X-off" controls may be applied to provide automatic computer access of a message prepared off-line. The data is also displayed on the CRT during transmission.

Specifications

Model no.

3300T

Tape cassette

Phillips type

Storage capacity

500,000 characters per cassette

Input-Output data rate

Up to 1200 BPS

(120 characters per second)

Interface

Operates in conjunction with Datapoint 3300 CRT Terminal

Controls

Record

Reproduce — Local

(controlled by Datapoint 3300 ROLL control keys)

Reproduce — Remote

Power

25 watts (obtained from

Datapoint 3300 CRT Terminal)

Size

6" wide, 18" long, 5" high

(styled as companion unit to the Datapoint 3300 CRT Terminal)

Weight

12 pounds

The Datapoint 3300P Printer Unit



Description

The Datapoint 3300P Printer unit is a light weight, compact, economical device designed for use in conjunction with the Datapoint 3300 data terminal for time sharing use. The printer unit provides a "hard copy" record capability and can produce alphanumeric characters at speeds of up to 30 characters per second. It can accept incoming data at 110, 150, 220 or 300 bps as desired.

The 3300P can serve as satellite printer for as many as 5 Datapoint 3300's, permitting substantial economies of scale. The printer unit is fully complementary in use to the Datapoint 3300 data terminal and its other companion unit, the Datapoint 3300T Magnetic Tape Unit. In operation, the unit is cable connected to the Datapoint 3300 and utilizes standard teletypewriter logical interfaces. Power is provided from any standard wall outlet.

Utilizing a standard 8½" paper roll, the 3300P can produce a wide variety of formatted reports, depending on user requirements, at costs that average less than a penny a sheet of "data". Printing is accomplished through a thermal process utilizing a CRT-compatible 5x7 dot matrix which does not entail any mechanical impact. Since no inked ribbon is employed, and since the 3300P has a minimal number of moving parts — less than 25 — its operation is remarkably "clean". Also it is extremely quiet in operation. Lubrication requirements are minimal. Of solid state construction throughout, the 3300P is styled handsomely, as are its companion units.

Specifications

Model no.
3300P

Size
12" x 15" x 5½"

Weight
24.7 pounds

Plug-in
Standard wall outlet

Power requirement
57.5 watts

Print speeds
Up to 30 characters per second

Speed selection
Available at 110, 150, 220 and 300 BPS through automatic selection

Datapoint 3300 Interface
Standard RS232B

Print Process
Thermal

Print head
CRT compatible 5x7 dot matrix

Ribbon
None required

Moving Parts
Less than 25

Lubrication requirements
Minimal

Extraneous Noise Load
Minimal

Radio Frequency Interference
Minimal

Construction
Solid State

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