Fast Plotting From Standard Software

FEATURES

- Standard incremental plotter interface for most mini-computers including DEC PDP-11 and HP 2100

- Accepts all standard software for incremental plotters, such as DATAPLOT, CALCOMP, etc.

- 15 times faster than hard copy plotters — speeds greater than 6000 points per second

- Completely self-contained, compact design

- Ready to use with any standard TV monitor

- Runs alone or simultaneously with hard copy plotters

For use in:
Engineering Modeling, Medical Statistics, Industrial Testing, Business Graphs, Automated Drafting, Data Analysis.

APPLICATION BENEFITS

- Just plug it in and plot; installation time is practically zero

- No reprogramming necessary because the Model 150 runs on existing plotter software

- The Model 150's speed makes it ideal for previewing hard copy output

- Single printed circuit board is housed in its own extender chassis with a self-contained power supply

- Generate plots on any TV monitor operating at 30 or 60 Hz

- Perfect match with other plotters because the host computer handles the Model 150 like any standard hard copy peripheral

MODEL 150
UNIVERSAL SOFT PLOTTER

Lexidata Corporation

JUNE 78

SPECIFICATIONS

Video Output: EIA composite sync and blanking; 0 to -1 Volt into 75 Ohms; 60 Hz vertical scan rate and 15.75 Hz horizontal. Microprogram selectable interlaced/non-interlaced displays

Plotting Speed: 6732 points per second

Compatibility: Industry standard 6-bit parallel incremental plotter interface

Auto Test: Test pattern generated automatically upon command

Plotting Resolution (pixels)
  256 x 256 non-interlaced
  512 x 256 non-interlaced
  512 x 512 interlaced

Power Requirements: +5 and +15 VDC from Nova or Eclipse power supply

Power Consumption: 5.3 A at 5 Volts; 330 mA at 15 Volts; 32 W average
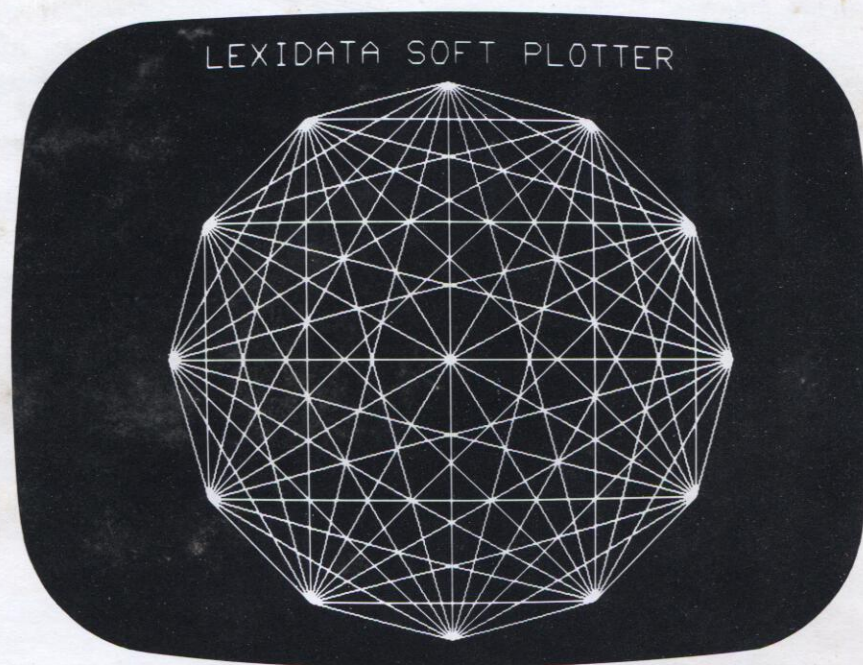
Environmental Requirements:
Temperature 0 to 55°C operating, -35 to +70°C storage;
Relative humidity to 90% operating, to 95% storage;
Altitude to 10,000 ft. operating, to 50,000 ft. storage

Weight: 2.25 pounds

Dimensions: 15 x 15 inch board

512 x 512 Resolution; 22,000 Commands; 3 Seconds to Plot

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