- High quality speech output
- Hardwire RS-232 peripheral
- Low cost

- RAM or EPROM based
- Over 1500 words and sounds available
- Dialog design tools available

27201A

Welcome to the world of computer speech. HP's new speech output module makes speech synthesis a viable technology for a wide variety of computer-based applications. The HP 27201A Speech Output Module (SOM) offers you high quality speech, low price, and flexible configurability.

Applications

The SOM is most useful for applications where prompting, warning, or error messages are required, or where a person is concentrating on or looking at something other than the computer.

In an office, you can benefit from the HP 27201A announcing receipt of electronic mail. In an electronic data processing center, the SOM can prompt you to load a magnetic tape or notify you that a printer is out of paper.

There are speech output applications in engineering environments. For example, in computer-aided design, a CRT filled with schematic information does not have to be overwritten with error messages. In computer-aided-test, a technician will not have to look at the screen for the results of a probe test, the SOM can advise pass or fail information.

Other prime applications include facilities monitoring, process control, graphics, inventory management, and computer-aided manufacturing.

Easy to Use

The SOM is a small device that connects directly to a host computer or interconnects a host and another peripheral (such as a terminal, printer, or plotter). It communicates via a three-wire RS-232-C hardwired line at speeds up to 19,200 bits per second. An on-board microprocessor controls the 27201A by performing handshaking sequences with the host computer, interpreting 27201A commands and managing the flow of data. Vocabulary data can be downloaded from the host computer or resident on the 27201A in customer supplied EPROM. EPROM-based vocabularies can include up to 200

words, while the downloaded vocabulary is limited only by host memory.

Software packages for the HP 1000 and HP 3000 computer systems include a word library of more than 1700 words and sounds, and an exerciser program to preview words and phrases and store them in files, all without writing a program.

Ordering Information

27201A Speech Output Module including: one 16K-bit RAM; 27201-60003 cable for connection to HP 262X terminals capable of supplying power (i.e., 262X with built-in printer); phone plug for attachment to user supplied speaker; hardware reference manual; monaural headphone

Opt 001: Adds five 16K-bit RAM

Opt 002: Substitutes cable 27201-60004 which adds 115V ac power supply for HP 262X terminals with insufficient power for SOM

Opt 003: Substitutes cable 27201-60006 with 25-pin connectors for 264X terminals and general RS-232 hardware devices (includes 115V ac power supply)

27203A SOM Speech Library/1000 software for HP 1000 systems including a software reference manual (media option required)

Opt 022: Cartridge tape (Linus CS-80) compatible with HP 7908/11/12

Opt 042: 5.25 inch floppy disc

Opt 051: 1600 bpi magnetic tape

27205A SOM Speech Library/3000 for HP 3000 systems including a software reference manual (contact HP for software distribution)