SINGER
FRIDEN DIVISION

SYSTEM TEN COMPUTER
ASYNCHRONOUS TERMINAL ADAPTER

The Asynchronous Terminal Adapter (or ATA) is an optional input/output channel allowing the FRIDEN* Model 20 Processor to communicate with commercially available terminals, either locally or remotely placed.

Locally, up to fifty feet, the ATA may connect directly to the terminal. For remote terminals, the ATA may communicate via modems over either leased or dialed telephone lines. Standard Bell System 103-type modems, or equivalent, can be used. With dialed lines an additional option is available to allow the Processor to call the terminal automatically.

Via the ATA, any terminal meeting EIA RS-232-B or -C interface standard may now connect with System Ten* computer. This includes the FRIDEN Model 7102 Terminal, a heavy-duty device capable of punching and reading paper tape.

Each ATA will accept input from one terminal. And up to twenty ATA's may be installed in a Model 20 Processor. (Each ATA installed occupies the space of a standard multi-terminal I/O channel. The automatic dialing option requires one additional I/O channel position.)

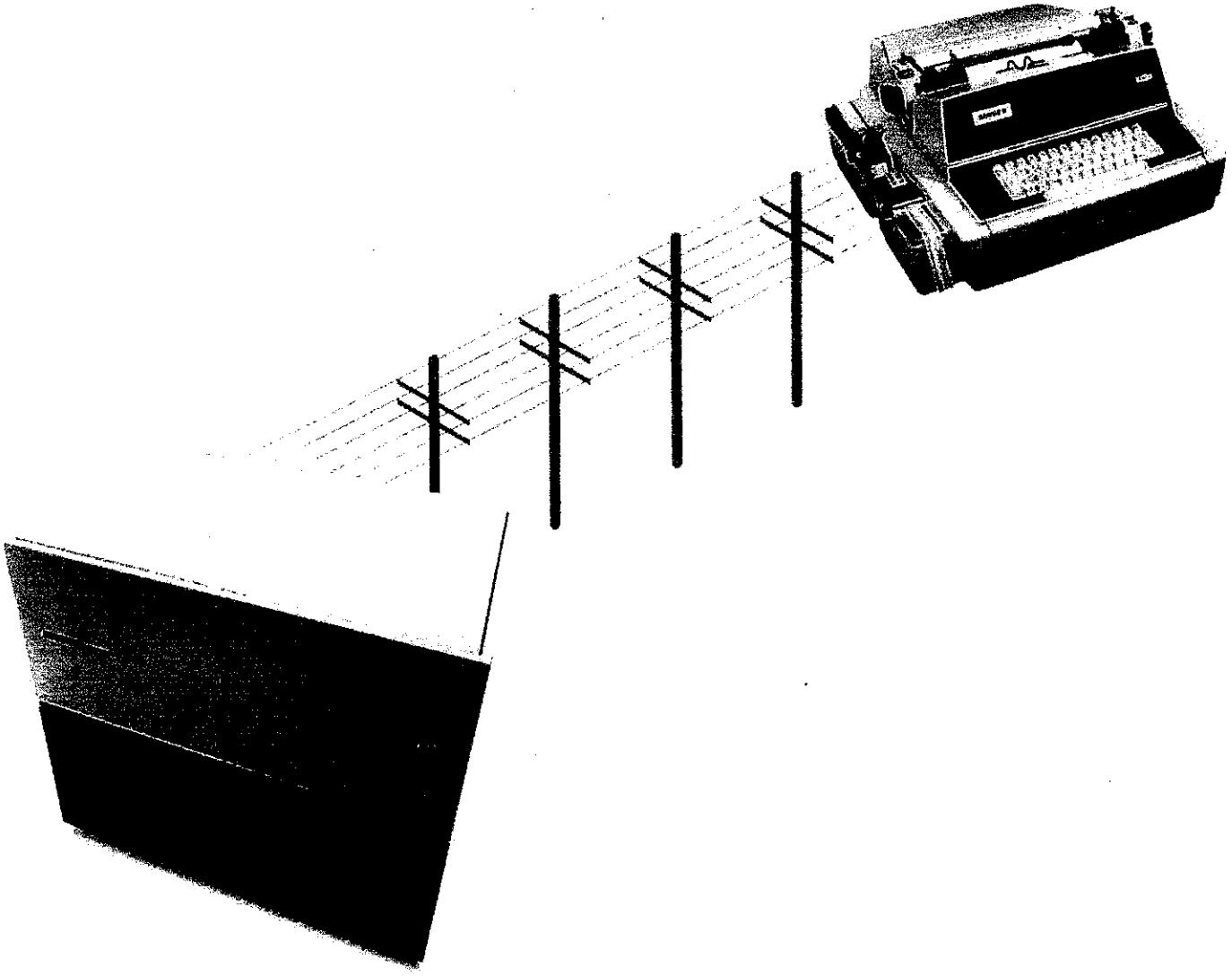
Interface type
EIA RS-232-B or RS-232-C

Transmission mode
Asynchronous

Rated transmission speed
110, 150, 200, or 300 baud

Character set
7-bit ASCII

Character structure
10- or 11-bit characters



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