



FROM TELETYPE...

a new line of magnetic tape data terminals

adds high speed on-line capability to low speed data terminals

Now you can solve the problem of handling a growing data volume with low speed terminals. How? With Teletype's new 4210 Magnetic Tape Data Terminal. This terminal functions just like a paper tape punch and reader. Only there's an important difference. The 4210 uses magnetic tape cartridges instead of paper tape rolls. And it's fast. So fast that it can handle data distribution and collection at speeds up to 2400 words per minute. Great for any application where data build-up demands high speed handling. Great, too, for computer input/output where line time should be minimized.

Turn-around capability saves line time and costs

Talk about line time efficiency. The Teletype® 4210 Magnetic Tape Data Terminal automatically switches to the receive mode on completion of sending. That feature benefits almost any application. Here's just one: After hours a central warehouse computer calls in the 4210 at a retail outlet for transmission of the day's transactions. The 4210 (having batched this data on the tape cartridge) sends it to the computer. Upon completion, the 4210 automatically switches to the "receive" mode so the computer can send administrative data that will be recorded on the remaining tape in the cartridge. The whole operation is done on the same call. And unattended. This turn-around capability of the 4210 means across-the-board savings in line time and costs.

Dual speed versatility

Imagine, by using the 4210 Magnetic Tape Data Terminal you can transmit and receive at high speeds. But the 4210 doesn't stop there. It also provides you with print-out capability by interfacing with most Teletype low and high speed terminals.

Cartridges simplify tape handling

In fact, it couldn't be much easier. You merely place the cartridge onto the tape deck and follow up with an easy in-line threading sequence. You're ready to record. Any number of messages—up to 150,000 characters—can be stored on a single cartridge. That's equal to more than a 1000-foot roll of paper tape. Moreover, since you can erase (if you wish) any information on magnetic tape, a single cartridge can be re-used indefinitely. A special device prevents accidental erasure.



Easy editing

Error correction is beautifully simple on the 4210 Magnetic Tape Data Terminal. A single spacing control permits you to move the tape, in forward or reverse direction, one character at a time. Then you just record the correct character over the erroneous one. That does it.

Locating data also easy

Want to find a particular message or block of data? No problem. Simply flick a switch to the appropriate pre-selected character, press a button and you can search at the rate of 400 characters per second. Either forward or reverse. Tape automatically stops at the character you selected. There are four pre-selected characters (plus three programmable characters that are optional). For greater speed in moving the tape, a fast forward and reverse control lets you run the tape at about 4000 characters per second. An associated digital counter serves as an approximate reference of tape position.

Functional control panel

All basic operations of the 4210 Magnetic Tape Data Terminal are handled through a convenient control panel. In addition to the features already mentioned, this control panel allows you to do the following:

- Select On-line (Manual or Automatic-Answer) or Local modes.
- Remove the unit at any time from the search, send, or receive modes, and place it in an "idle" condition.
- Rewind tape rapidly into the cartridge.

The control panel also provides helpful indicators in addition to the digital counter:

- Error Lamp—Indicates incorrect vertical parity of character in "Send," "Search," or "Single Step" modes.
- Tape Position Lamp—Indicates beginning of tape, end of tape, and when tape supply is low.

Compatible with Teletype equipment line

The 4210 Magnetic Tape Data Terminal line is designed for use with any Teletype equipment using the ASCII code. This includes Model 33, Model 35 and Model 37 teleprinters, and the Inktronic® I/O terminal. The 4210 blends perfectly with the styling of your existing Teletype terminals.

Technical Information

Speed

Up to 2400 wpm (240 characters per second)

Code

ASCII (7 information, 1 parity)

Tape

1/2" precision magnetic tape (approximately 100 ft. in a 3" x 3" x 1" cartridge)

Cartridge Capacity

150,000 characters

Recording

MRB (Modified Return to Bias)—9 track (8 data, 1 clock) 125 characters per inch

Dimensions/Weight

STYLED FOR:	W	H	D
M33/35 Terminals	12"	29"	23"
M37 Terminal	12"	30"	23"
Inktronic I/O Terminal	12"	32"	24"

Approximately 55 lbs.

Power

Approximately 150 watts idle, and 200 watts operating
115 VAC \pm 10%
60 Hz \pm 0.5 Hz
or
50 Hz \pm 0.5 Hz

Interface

Serial start/stop through EIA standard RS-232-B
Parallel interface to Inktronic I/O Terminal
(Uses Inktronic Terminal on-line interface)

Temperature & Humidity

40° to 110° F
95% Humidity maximum



For More Information About . . .

LEASED SERVICES featuring Teletype 4210 Magnetic Tape Data Terminals, consult your local communication services company.

PURCHASING (or general information) about Teletype equipment, contact our Sales Organization at the general offices address listed below.

When ordering input-output terminals for your DATA PROCESSING SYSTEM, be sure to specify Teletype equipment—your vital communications link.



Adds "ASR" versatility to the Inktronic terminal at speeds up to 1200 wpm.

machines that make data move



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