

**SINGLE - CONTACT**

## **MULTIPLE TAPE READER** (Type LXD)

*Transmits to several machines simultaneously*

*Optional code contacts for parallel-wire output*

*"Flip-flop" action transmits several messages in sequence*

*Reads either partially or fully punched tapes*

The Model 28 Multiple Transmitter-Distributor is an expanded version of the standard, Teletype LXD tape reading unit. Similar components are incorporated into the multiple set, all driven by one motor.

This unit translates 5 level punched tapes into serial line signals, and sends them to one or more receiving locations. Optional code reading contacts are available for parallel-wire output.

When used with automatic message numbering systems, an optional "flip-flop" feature makes it possible to number messages in the order in which they are sent.

The reader's three reading heads may be operated at one time, feeding three different locations simultaneously. Each reader also may be operated independently.

Another method of operation is to have all three portions of the reader sending data to one location. This is accomplished by placing a different message into each of the three heads of a reader equipped with optional "flip-flop" action. Thus, as one portion of tape is completed, the second reader is switched into operation automatically. When the end of that tape is reached, the third head goes into operation. This allows the operator to prepare or gather more tapes and place them into the set without interrupting transmission.

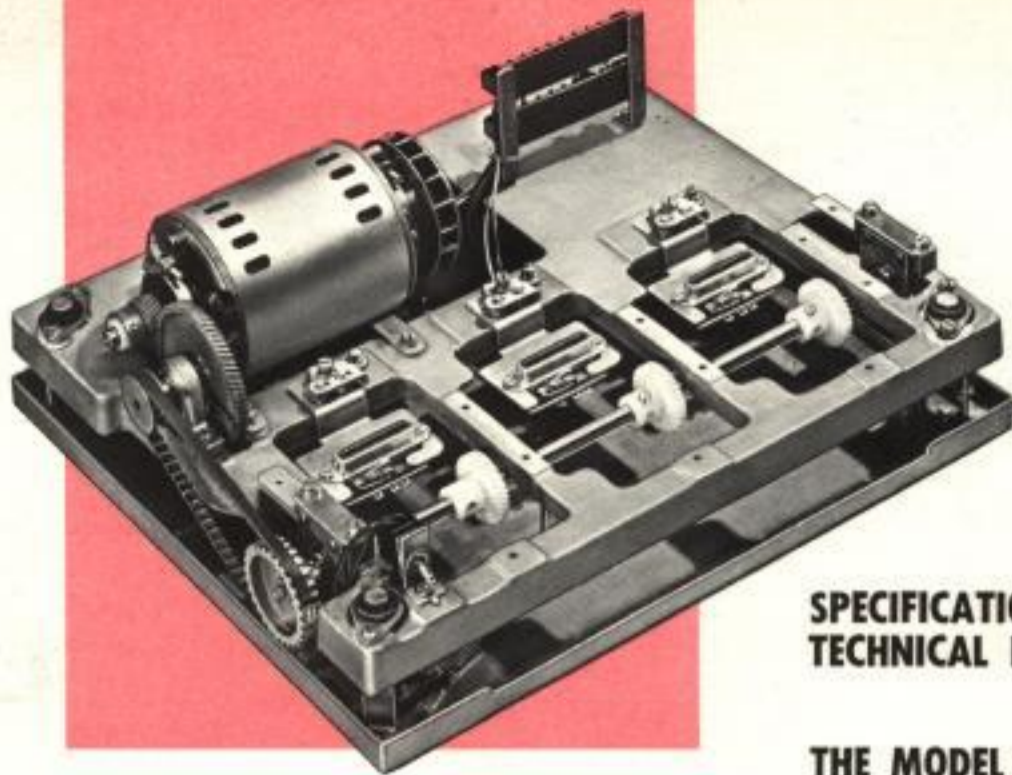
Each of the three readers can be operated at a different speed (60, 75 or 100 words per minute) simultaneously by substituting gears mounted on the common drive shaft.

A Teletype applications engineer will be pleased to assist you in your system planning. Get in touch with him soon!



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## SPECIFICATIONS AND TECHNICAL DATA FOR

### THE MODEL 28

# Multiple LXD Tape Reader

#### PHYSICAL DATA:

Width— $17\frac{3}{16}$  inches    Speed—60, 75 or 100 WPM.  
Depth— $14\frac{1}{2}$  inches    Start, stop and free-wheeling  
positions on control levers.  
Height— $6\frac{1}{2}$  inches    Tight tape and tape-out sensing controls  
built into set (1 on each reader).  
Weight— $42\frac{3}{4}$  lbs.

#### ELECTRICAL DATA:

Clutch trip magnet— 115 volts a. c.  $\pm 10\%$   
120 volts d. c.  $\pm 10\%$   
50 volts d. c.  $\pm 10\%$  with suitable  
external resistance.  
Signaling— 5 level, 7.42 unit, start-stop,  
.020 or .060 amp.  
Motor— 115 volt a. c., 60 cycle, capacitor  
start, 3600 RPM, synchronous.  
Terminals— Quick-disconnect, 36 terminal  
connector plug.

#### LUBRICATION AND MAINTENANCE:

Periodic adjustments not necessary. Lubrica-  
tion once every six months when set is oper-  
ated at 100 words per minute, less frequently  
at lower speeds.

Teletype Corporation manufactures this equipment for the Bell System and others who require the utmost reliability from their message and data communications systems.



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