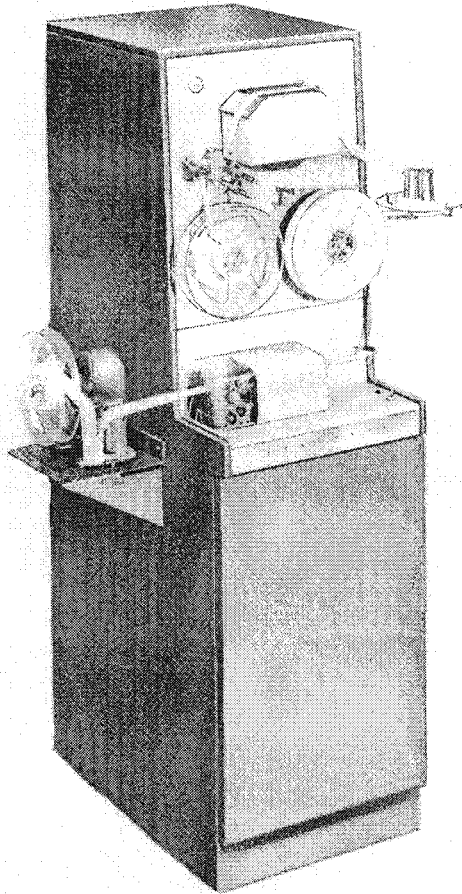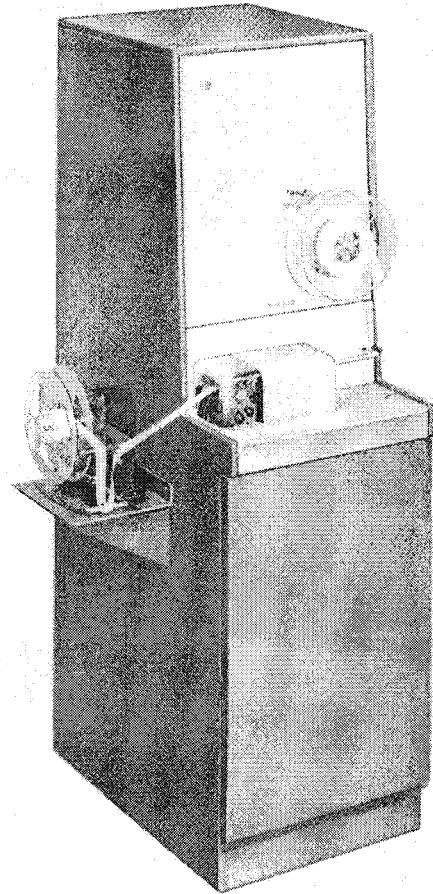# STATION CONVERTERS

Tape-To-Tape Station Converter

Signal-To-Tape Station Converter

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

TELETYPE®

CORPORATION SUBSIDIARY OF *Western Electric Company* INC.

STATION CONVERTERS

Two types of station converters are available: Signal-To-Tape and Tape-To-Tape. Their function is to serve as a communications link between 5 level and 8 level equipment. These sets are designed to operate on-line (signal-to-tape) or off-line (tape-to-tape), translating 5 level code to 8 level code, or 8 level code to 5 level code.

These units can be used at locations connected to external message and data communications circuits or private wire systems.

The type of converter used at a location depends upon the equipment utilized, the kind and amount of traffic handled, and message priority.

Controls for operating the sets are on a panel at the center of the console. A tape winder is mounted on the left side of the cabinet for storing the tape output of a parallel-input punch. The tape-to-tape cabinets also are equipped with a center-unwind reel to store messages for transmission.

Electronic module-translators are stored in the lower portions of the cabinet, below the control panel. Modules slide outward for easy accessibility and are locked into place during operation. A push-type latch secures the door on each cabinet.

These station converters are available to perform four functions:

Signal-To-Tape (5 to 8 level)
Signal-To-Tape (8 to 5 level)
Tape-To-Tape (5 to 8 level)
Tape-To-Tape (8 to 5 level)

SIGNAL-TO-TAPE OPERATION — The input is received sequentially from the line by the receiving selector. The selector changes the signal from sequential to parallel form and passes it on to the translator, where the code is converted. The translator sends the parallel signal to a tape punch, perforating the signal into paper tape.

TAPE-TO-TAPE OPERATION — Input, in the form of punched tape, is placed into the tape reader, which sends the information to the translator. The translator, after converting the code, passes the signal to a tape punch. This results in another punched tape, converted from 5 to 8 levels, or vice-versa.

Teletype Sales Applications Engineers will be pleased to answer questions you might have on these Station Converters. Phone numbers, wire and mailing addresses are below.