



It Takes 500 Tons of Equipment for Just One Telephone Exchange

Five hundred tons of equipment and 62,000 man-hours of work are needed to install just one 10,000-line Dial Telephone Exchange.

Here's the story of months of work condensed into two minutes of reading time. (Bear with us, please, if several of the words get technical.)

There are 1800 crossbar switches, 4000 multi-contact relays and 65,000 conventional relays. These automatic switching mechanisms open or close millions of telephone circuit paths.

Eighty miles of cable are needed to

connect all this apparatus. There are 2,600,000 soldered connections.

All that is for only one Telephone Exchange to serve one community. At present-day prices, the cost runs to \$1,500,000.

The money for these new facilities must come largely from investors who are willing to put their savings in the business.

Only through reasonable earnings can the telephone company attract the new money that is needed to do the job.

BELL TELEPHONE SYSTEM

