

# The Machine

## The Manual System will soon be *We Have a Machine System*

### THE AUTOMANUAL SYSTEM

#### THE SUBSCRIBER

Just asks for what he wants—and gets it. When he takes his telephone, he is automatically, instantly connected to an **idle** operator, who takes his order; the machines do all the work.

**The Service Most Nearly Perfect**

**SIMPLE**

**NATURAL**

**QUICK**

#### THE OPERATOR

Just listens to orders and presses keys. Girls learn to operate in a few hours; can carry loads averaging 750 calls, rising to 1,200 calls per hour, easily, without excitement or fatigue.

**The Most Efficient Operating**

**EASY**

**RAPID**

**ACCURATE**

#### THE OWNER

Keeps his telephone sets unchanged. Avoids the costs and failures of dials. Pays less annually for operators than he would for dials.

**The Best Service for the Lowest Cost**

**POPULAR**

**DEPENDABLE**

**PROFITABLE**

### THE AUTOMANUAL SATELLITE

#### FOR SMALL EXCHANGES

No operators in the small exchanges. They are located in the larger neighboring exchange; the switches, located in the small exchanges, pass the calls to the Automanual operators, who, by keyboards, control the switches to make the connections wanted.

#### NO DIALS

No scattering of dial-investment, dial failures and dial inspections to remote places.

#### THE BEST SOLUTION

Of the problem of small offices. There are hundreds of such small exchanges which would be transformed into paying properties if this system were installed.

**Automanual Quality of Service**

**ECONOMICAL**

**FLEXIBLE**

**EFFICIENT**

# Switching Era

## Extinct—Like the Ichthyosaurus *for Every Type of Service*

### THE ALL-RELAY EXCHANGE

#### FOR PRIVATE EXCHANGES

Is an automatic switching equipment composed of relays only—has no moving parts except relay armatures. It is controlled either by **Dials** at the telephones (dial automatic) or by an operator with keys (Automanual).

The equipment is a solid, self-contained unit. It is built for private exchanges having a few lines or several hundred.

It is not sensitive to wide variations of battery voltage, to moisture, heat, cold, oxidation or dust. It requires no lubrication and little cleaning or maintenance; and can be left for long periods without any attention.

**UNATTENDED**

**COMPACT**

**RELIABLE**

**The North Electric Manufacturing Co.**

**Galion, Ohio**

**Each  
Automanual  
operator  
replaces  
from  
four to six  
manual  
operators**

