

WHAT IT IS

The Model 6 Calculagraph is a ruggedly constructed, spring driven Telephone Toll Timer designed for use where accurately regulated electricity is not available. The Model 6 has proven its reliability for many years throughout the world. It is simple to operate, extremely durable and capable of long, trouble-free performance with a minimum of maintenance.

The Model 6 features a jeweled, heavy-duty 8-day marine movement with two main springs. When fully wound it will run for 8 days, but for extreme timekeeping accuracy, it should be wound twice weekly.

The Model 6 Calculagraph can be flush-mounted into the switchboard, when furnished with a "C" case. It can also be supplied in an "A" case for table-top mounting, or for pedestal mounting. (The pedestal is floor mounted.)

WHAT IT DOES

The Model 6 Calculagraph controls the main source of income of the Telephone Company — telephone toll time. It computes the exact elapsed time of each toll call, and prints on the toll ticket the time the call started (to the nearest minute) and the elapsed time of the call (to the nearest quarter-minute). This accurate, permanent printed record is the basis for the customer's invoice, assuring the company of accountability for all toll time and eliminating profit leakage — and at the same time protecting the customer in the event of disputed billing.

OPERATION

1. When the call begins — the operator inserts the toll ticket into the Calculagraph and operates the right handle.
2. The ticket is then removed until the call is completed, meanwhile that same Calculagraph can handle any number of additional calls regardless of the sequence of their starting and ending times.
3. When the call is completed — the ticket is re-inserted into the Calculagraph and the left handle is operated, which completes the printed record for that call.

The completed record shows the starting time and the actual elapsed time of the call (See Figures 1, 2 and 3.) The elapsed time dials show the elapsed time on two dials: a 5 minute dial and a 60 minute dial. The 60 minute dial shows the elapsed time to the nearest 5 minutes, and the 5 minute dial further refines the elapsed time to the nearest quarter-minute. On the 5 minute dial, there is a 5 second dot after each minute to indicate when the overtime charge for the next minute starts. The time of day dial shows the starting time of the call. It is available in a 12 hour version (Figure 1) or a 24 hour version (Figure 2).

Either style Model 6 can be manufactured with a special, hand set date printing attachment when required. This then becomes Model 6X (see Figure 3).

The serial number of each individual Calculagraph prints when the right handle is operated, and again when the left handle is operated. This assures that the toll record is completed on the same Calculagraph on which it was started.

ORDERING INFORMATION:

When ordering a Model 6 Calculagraph, please be sure to specify the following:

1. 12 hour time of day, or 24 hour time of day.
2. "C" case for flush mounting, or "A" case for table-top or pedestal mounting.

SHIPPING INFORMATION:

Every Model 6 Calculagraph is shipped with a case, a winding key and four (4) mounting screws.

The Model 6 net weight is 17 lbs.

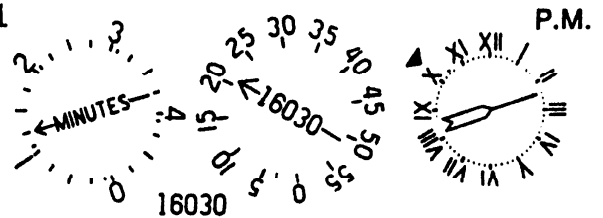
For domestic shipment, the container is 11"x11"x11", and the gross weight is 19 lbs.

For export shipment, container dimensions and gross weight are slightly more.

THE MODEL 6 CALCULAGRAPH TOLL-TIMER FOR USE WHERE

The Calculagraph printed record is the basis that the Telephone Company can account

FIG. 1



MODEL 6 CALCULAGRAPH RECORD WITH 12 HOUR TIME OF DAY

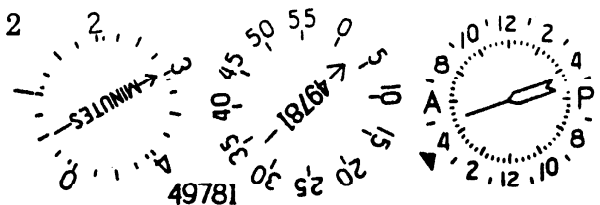
The outside triangle on the time of day at right is the hour indicator and the inside pointer is the minute hand.

Call started at 10:12 P.M.

Elapsed time 21 1/4 minutes.

The serial number of this Calculagraph is 16030.

FIG. 2



MODEL 6 RECORD WITH 24 HOUR TIME OF DAY

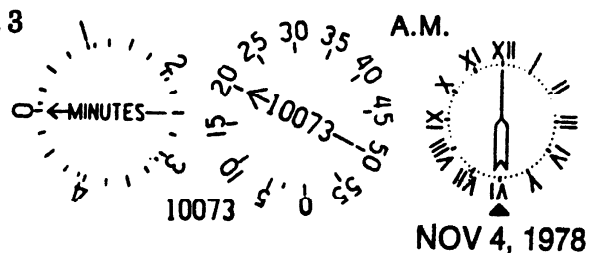
The outside triangle on the time of day at the right is the hour indicator and the inside pointer is the minute hand. The left-hand half of this dial shows the A.M. hours and the right-hand half shows the P.M. hours.

Call started at 3:42 A.M.

Elapsed time 3 minutes.

The serial number of this Calculagraph is 49781.

FIG. 3



MODEL 6X RECORD SHOWING DATE PRINTED BY SPECIAL DATING DEVICE

Call started at 8:00 A.M.

Elapsed time 20 minutes.

The serial number of this Calculagraph is 10073.

This call was made on November 4, 1978.

OPERATING THE CALCULAGRAPH

Method of Operating.

When the wires are connected for a long distance call a ticket is inserted in the slot of the Calculagraph face down and the right lever is operated backward and forward.

The backward motion prints the time of day which corresponds to that shown on the clock face. See Fig. 3.

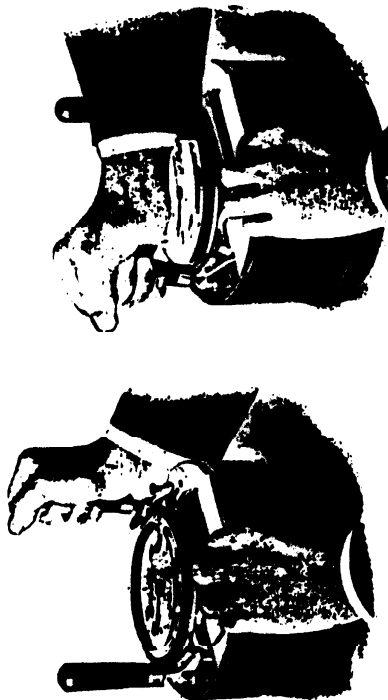


FIG. 3

FIG. 6

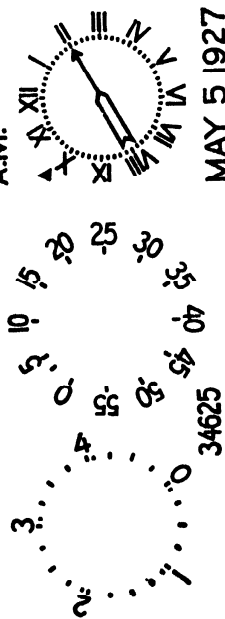


FIG. 5

SHOWING SECOND OPERATION, ELAPSED TIME DIALS

Pulling the right-hand lever toward the operator prints the dials which form a part of the elapsed-time record. These dials are printed immediately after the time-of-day record is made, and before the card is removed.

The forward motion prints the two elapsed time dials, also the serial number of the machine. Then the record will appear as shown in figure 5.

The ticket is then withdrawn from the slot of the Calculagraph and tickets for other messages are stamped in the same manner.

As each operator can usually handle from 6 to 8 calls at the same time the tickets for the unfinished calls are laid on the shelf in front of her.



FIG. 6

When the call is completed the ticket for that call is again inserted in the slot of the Calculagraph and the left hand lever pulled forward.

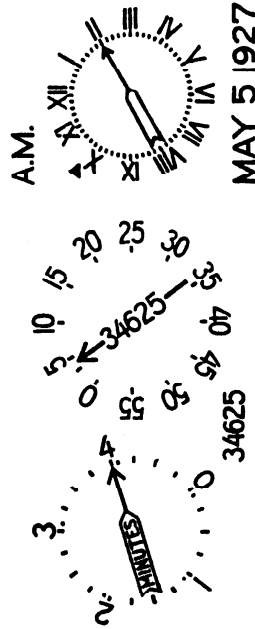


FIG. 7

This operation prints the two pointers only as shown in Fig. 6. One of these pointers bears the serial number of the machine.