



**Telecom Australia**

**TELEMETER**

**OPERATING INSTRUCTIONS  
FOR  
PRIVATE TELEPHONE CALL  
CHARGE METER**

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## Introduction

The Telemeter Type 4 is designed to record metering pulses transmitted from the telephone exchange to your telephone. On local telephone calls one metering pulse per call is transmitted, normally at the time the called party answers. (On some older exchanges the pulse is transmitted at the time the telephone handset is replaced).

On Subscriber Trunk Dialling (STD) and International Direct Dial (IDD) calls, multiple metering pulses are transmitted at variable rates depending on the time of the day that the call is made and the destination of the call. Please consult the information pages of your telephone directory for details of STD and IDD call rates. No metering pulses are transmitted on operator connected calls.

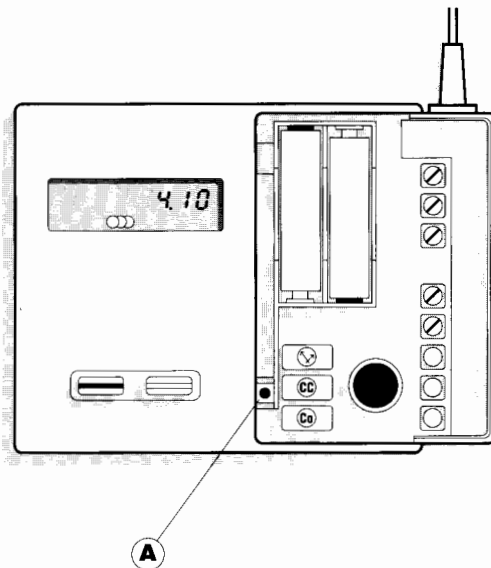
The Telemeter Type 4 can show the cost of calls by setting the appropriate standard call charge unit (see page 6). With the call charge unit set the Telemeter displays the cost of each call and will also retain a record of the total cost of all calls made. If you desire, by setting the call charge unit to 1.0 the Telemeter will display the number of metering pulses received.

Additionally the Telemeter is capable of showing the total number of telephone calls made (see page 11).

While the telephone is hung up, or following the pressing of the white button on the completion of a call, the Telemeter operates as a clock (see page 7). The method for setting of the clock is explained on page 7.

## Putting into operation

Open the cover. The cover is opened by removing the cover retaining screw and pressing the grooved part on the right of the cover. This affords access to the line connections, the battery box, the buttons  $\nabla$   $\text{CC}$   $\text{Co}$  and to the main reset button in opening  $\text{A}$ .

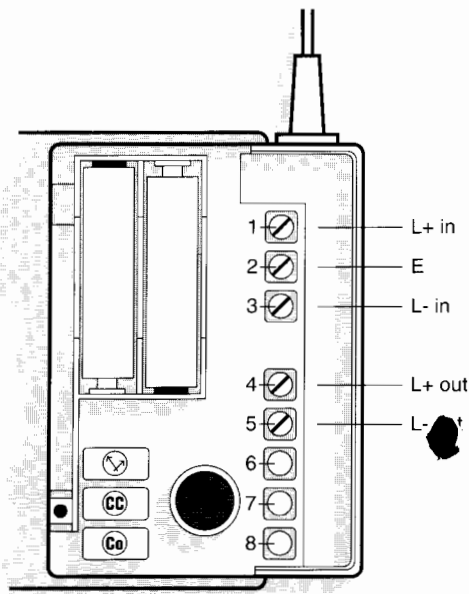


Place the two alkaline batteries, type R6 (AA) in the socket, paying due attention to polarity.

All the figures and signs should now appear on the display for 1 second. The clock starts working, beginning at zero. ( For setting time, see page 7 ).

Connect to the telephone line.  
Consult the wiring diagram.

- L+ in, L- in : line to the exchange (terminals 1 and 3)  
L+ out, L- out : line to the telephone (terminals 5 and 4)  
E : earth (for 50 Hz charges) terminal 2



### Charge unit recording



From the time an outgoing call is established the Telemeter display will show the total cost of that call based on the number of metering pulses received and the call charge unit programmed into the unit.



On the completion of a call, pressing and holding down the white button will reset the individual call counter and the total call counter will be displayed.




When the white button is released, the unit returns to the clock mode.

**Setting the clock**


Open the cover by removing the cover retaining screw and pressing the grooved part on the right side of the cover.

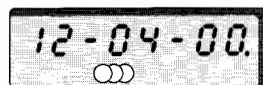



Press button  once  
On the display a dot appears next to the hour figure:

Set the desired hour by pressing the red button. To increase more rapidly to the desired number, keep the red button pressed. Release the button at least two figures before the desired number and adjust to the final desired number by brief successive pressure.



Press the button  a second time  
The dot now appears next to the minutes:  
Adjust the minutes to the desired number in the same manner as the hour.



Press the button  a third time  
The dot now appears next to the seconds.  
Pressing a fourth time causes the dot to vanish and the clock to start running.

Reclose the cover and replace the cover retaining screw.


The charge for a call and the accumulated cost of all calls made can be obtained by setting the appropriate call charge unit. Details of call charges are located in the front of your telephone directory.

**Note :**

Any change in the setting of the call charge unit will clear the previously accumulated total cost of calls made.  
Therefore you may wish to note the meter reading before changing the call charge unit.

Open the cover by removing the cover retaining screw and pressing the grooved part on the right side of the cover.



Press the button  to enter the programming mode.



Press the white button; a dot will appear on the right of the first figure to be adjusted:



Press the red button once: the figure will increase by one unit. Each successive depression causes the figure to increase by a further unit.

It is important to allow a sufficiently long delay between each depression (more than one second).




Press the white button, the dot appears on the right of the next number. Proceed as above until this number is set as desired.

The same procedure applies for the third number.




The number of decimal places is indicated by the position of the dot. Displace it by successively pressing the white button until it is in the desired position.

In order that the call charge unit may be taken into account, it is essential for the dot to appear on the display.

Press button  a second time to quit the programming mode.

The normal mode is restored.

The symbol  appears on the display.

Reclose the cover and replace the cover retaining screw.

### Note :

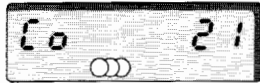


In the normal mode it is always possible to make the call charge unit appear by pressing the red and white buttons simultaneously.

## Number of calls

It is possible to display the number of calls having been charged.

Open the cover (as described in the foregoing).



Press the button . The display will show the number of calls.


Reclose the cover.

If the display flashes at regular intervals (once a second), it is time to change the batteries.

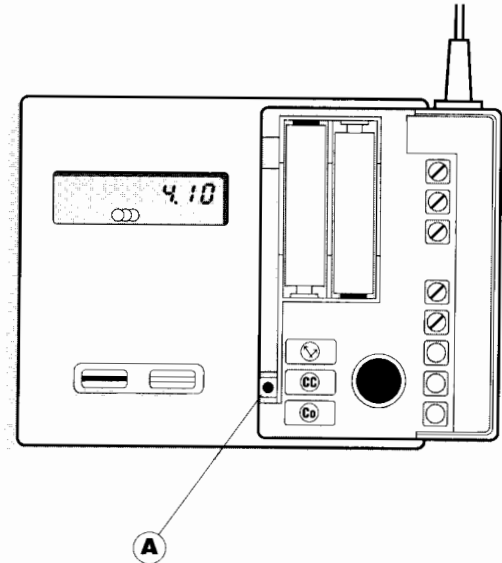
It is sufficient to remove the flat batteries and insert new ones.

Information in the memory is not lost because the unit can continue running long enough to allow the change to be carried out. Nevertheless, it is advisable not to take more than one minute performing the change.

## General reset

The unit can be reset to zero by depressing the reset button in opening .

This operation is only necessary when blockage occurs due to a voltage drop (poor connection, flat battery, etc.)



## ***Changing batteries***

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If the display flashes at regular intervals (once a second), it is time to change the batteries.

It is sufficient to remove the flat batteries and insert new ones.

Information in the memory is not lost because the unit can continue running long enough to allow the change to be carried out. Nevertheless, it is advisable not to take more than one minute performing the change.

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If you consider your meter is not operating correctly please telephone "1100" (service difficulties and faults).