



SERVICES

TIME CONTROL

Battery Operated IMPULSE TRANSMITTER (MASTER CLOCK)

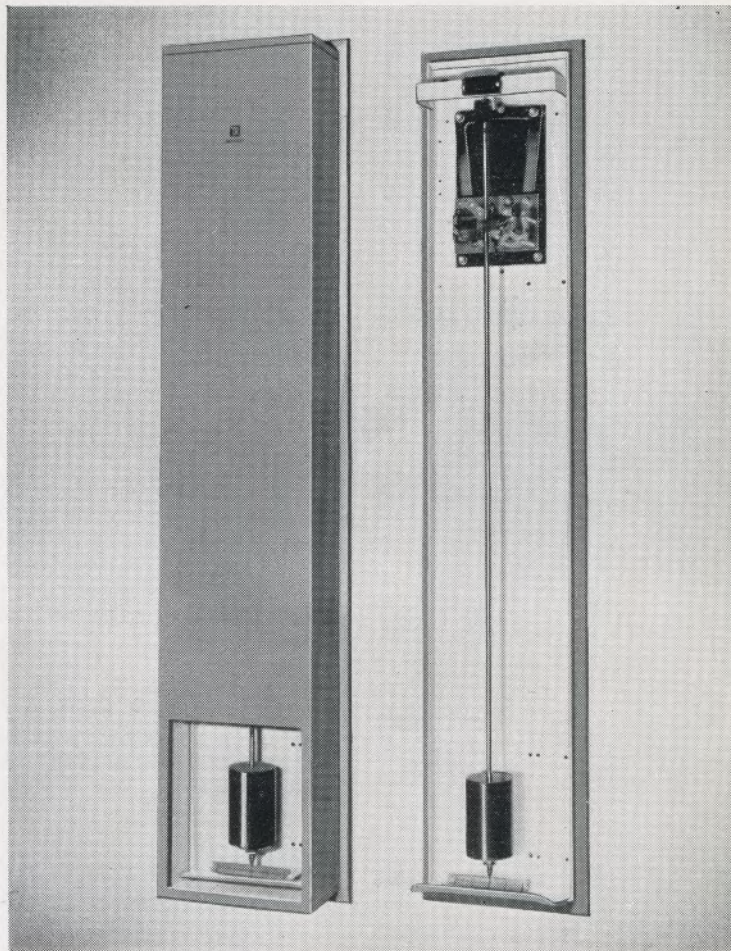


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The first requirement of any clock system is that it should always be correct within given limits. The most reliable commercial system yet evolved is the synchronised clock system controlled by a master clock which feeds electrical impulses to individual clocks. To ensure complete accuracy and uniformity the entire system is operated from a float charged battery which eliminates variations due to mains fluctuations and failures. A wide range of clocks of varying designs is available for offices, factories, schools, warehouses etc.

Telephone Rentals
LIMITED

OPERATING **TR** SERVICES

For details see overleaf

Head Office: 197 KNIGHTSBRIDGE, LONDON, S.W.7. KENSington 1471



TC 508

Battery Operated
IMPULSE
TRANSMITTER
(MASTER CLOCK)

Overall Dimensions

Height 4' 2½"
Width 10"
Depth 6".

Pendulums

The time keeping is controlled by a pendulum having a two second period, it consists of a heavy bob mounted on an Invar rod, the whole being fully compensated for fluctuations in temperature. The escapement is unlocked each half minute and to apply a constant force to sustain the motion of the pendulum as it passes through the centre of its travel.

Movement

A contact on the gravity arm engages another contact on the armature of an electro-magnet and via relays transmits an impulse to impulse clocks at the same time, relatching the gravity lever.

Case

The case of the Impulse Transmitter is of heavy gauge steel with a stoved enamel grey finish.

