

# MASTER CLOCKS

## UNIVERSAL MASTER CLOCKS

The Standard Master clock will operate any number of subsidiary clocks of any size including Turret Clocks, elapsed time clocks, time recorders, and programme controllers, thus ensuring accurate, uniform time throughout the premises without winding or other attention. Types are available which will transmit  $\frac{1}{2}$  minute, 1 minute, seconds impulses, or a combination of these, to match any specific system. The pendulums are of seconds beat to provide maximum timekeeping accuracy, which is typically  $\pm 2$  seconds per week.

### Advance and Retard

A manual lever is provided which automatically advances or retards the system when required.

### Slave Dials

Slave Dials are normally wired for series operation but are also provided for parallel working, being either of the ratchet and pawl or polarised type movement. Special circuits have been evolved for large systems utilizing a Distribution Board (see leaflet C5) whereby any number of dials can be grouped into separate circuits. This enables servicing to be carried out on any particular section without affecting the rest of the system. The interrupted section of the system can be reset independently.

### Power Supplies

These are provided by Synchronome dry cells or Synchronome accumulators with Power Units (see leaflet C9) to assure independence from mains supply failure or fluctuation.

## 'RESERVE TYPE' MASTER CLOCK (MODEL MC/51/AC.50 Hz)

This master clock will operate a maximum of 30 slave dials unless relays or other means of distribution are used. It has a built-in transrector operated from a mains supply, automatic winding with a 12-hour reserve of energy. After a power failure the slave dials are automatically adjusted to the correct time.

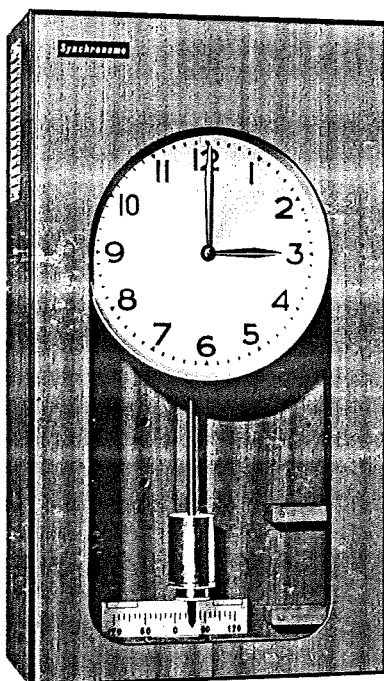
It transmits reverse polarity 1 minute impulses at 24 volts D.C. for the operation of dials connected in parallel.

### Slave Dials

These are fitted with movements of the reversed polarity type for inaudible operation and are suitable for parallel circuits. Synchronome range of dials are described on leaflets C3 and 4.

### Power Supplies

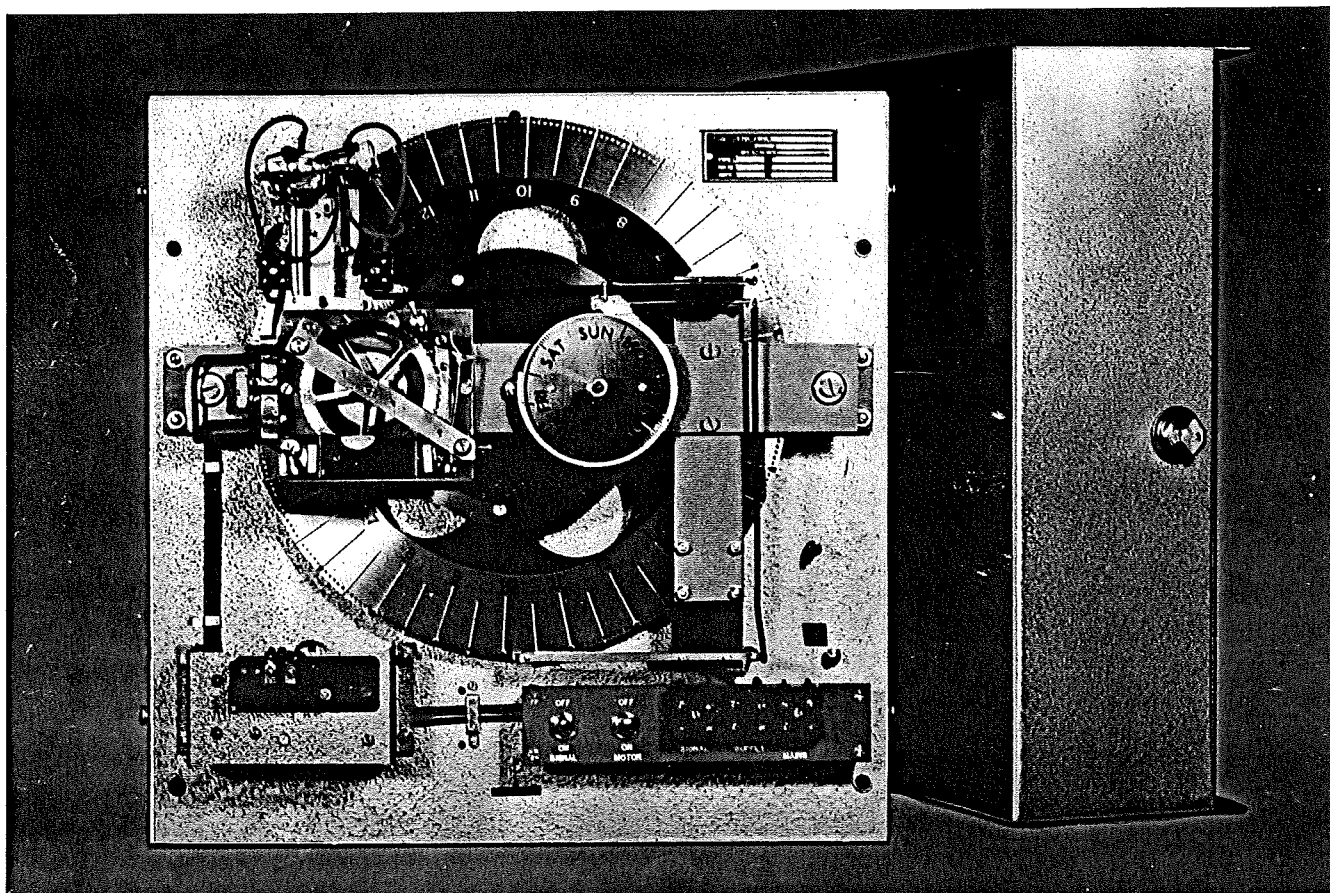
A.C. Mains supply to suit U.K. or Continental requirements.



## PROGRAMME CONTROLLERS

**Synchronome** Co. Ltd.

STATION ROAD · WESTBURY · WILTSHIRE 2491/5  
STIRLING CORNER · BOREHAMWOOD · HERTS 01 953 2021



### SPC SERIES

The Synchronome programme controller is designed to operate in conjunction with a Synchronome master clock, or a 200/250v A.C. synchronous supply, and automatically signals any form of schedule timing programme. It will control the operation of bells or hooters in factories, schools or offices and can also be used to switch on and off flood lighting, public address systems, etc. It incorporates a Duration Reducer to limit the length of time the bells sound.

### SINGLE ROW ECONOMY UNIT

5 minute selectivity. Cat. Code VPC/1/Mains only.

**Five minute selectivity** Set to signal at five minute clock divisions as required throughout the day. It can be works fitted with from one to six differing programmes to cater for schedules of varying complexity. An automatic week-end silencer is fitted for use if required.

Catalogue Code SPC/Number of Rows/No. of Output Circuits/Impulse (series or parallel) or mains.