



SYNCHRONOME - NATIONAL TIME RECORDERS

THE SYNCHRONOME CO., LTD

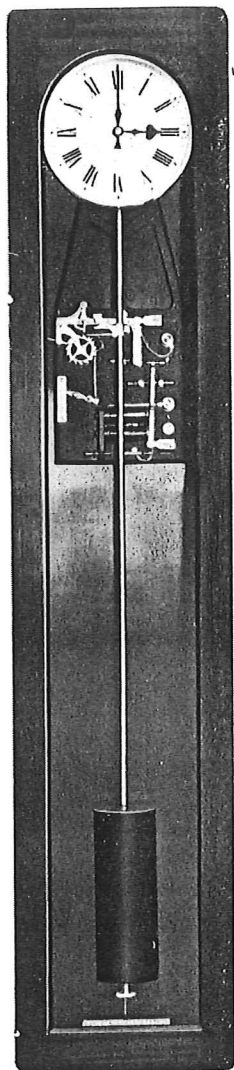
Works and Head Office

ABBAY ELECTRIC CLOCK WORKS

WOODSIDE PLACE : MOUNT PLEASANT : ALPERTON : WEMBLEY : MIDDX

TELEPHONE WEMbley 3643/4/5

THE
SYNCHRONOME MASTER CLOCK
OR CONTROLLING PENDULUM



is a high-grade precision instrument capable of extremely accurate timekeeping. It has a pendulum of INVAR, a nickel steel alloy having a negligible temperature coefficient, and a free detached gravity escapement with impulse at zero, the time counting and releasing of the gravity lever being performed by a jewelled mechanical action.

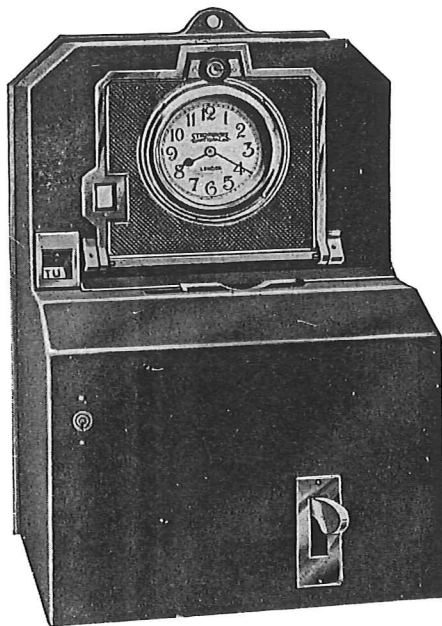
The Synchronome Master Clock is capable of operating any number of Time Recorders or subsidiary clocks, thus ensuring uniform and accurate time throughout the premises.

Overall dimensions of case—50 inches long, 11 inches wide, 6 inches deep.

* * *

MASTER CLOCK with 7-inch silvered dial, in polished hardwood case.

Catalogue illustrating full range of subsidiary clocks and pamphlet dealing with SYNCHRONOME AUTOMATIC PROGRAMME CONTROLLERS for the automatic sounding of start and cease work signals will be forwarded on request.



CARD RECORDER
(Metal Case)

The Synchronome National Card Recorder illustrated on this page is metal-cased of very robust construction.

SYNCHRONOME NATIONAL

Time Recorders are noted for their simplicity and robust construction and are of British Manufacture throughout. They represent the highest degree of efficiency in the manufacture of Time Recording Appliances.

JOB COSTER
(Metal Case)

On this machine an unlimited number of registrations can be dealt with and cards of unlimited size can be used.

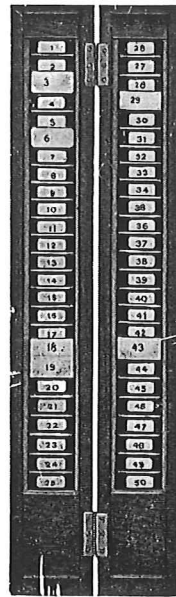
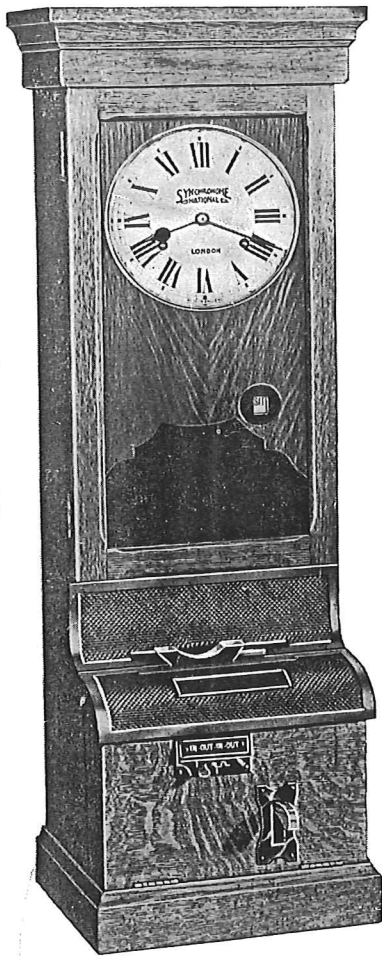


No.	Name <u>W. JONES,</u>			
	Week Ending <u>8TH FEB</u>			
	IN	OUT	ORD. TIME	OVER TIME
		M 8 00		
		M 12 00	8	
		2 1 00		
		2 5 00		
TU 8 03				
TU 12 00			7 3/4	
TU 1 10				
TU 5 00				
		W 7 55		
		W 12 04	7 3/4	
		W 1 15		
		W 5 00		
TH 8 06				
TH 12 01			7	
TH 2 10				
TH 5 00				
		FR 8 00		
		FR 12 01	7 3/4	1
		FR 1 15		
		FR 6 01		
SA 8 00				
SA 12 01				
SA 1 00			4	3
SA 4 00				
Total Hours				
	Hours	Mins.	Rate	Amount
Ordinary Time	42	15	2/6	5 5 7
Overtime	4	0	3/9	15 0
Gross Wages				6 0 7
Deductions.	Nat. Insce.			4 10
	Income Tax			7 0
Amount Paid £			5	8 9

A TYPICAL CARD AS USED WITH
MODEL CLIPIT No. 4

No. <u>325</u>						
Name <u>W THOMPSON</u>						
Week Ending <u>15TH FEB 1951</u>						
DAY	IN	OUT	IN	OUT	TOTAL	
A.M. F	8 00	12 00	1 00		8	
P.M.				5 00		
A.M. S	8 04	12 00	1 04		7	
P.M.				5 15		
A.M. SUN						
P.M.						
A.M. M	8 00	12 00	1 06		7 3/4	
P.M.				5 00		
A.M. TU	8 09	12 00	1 07		7 1/2	
P.M.				5 00		
A.M. W	8 00	12 00	1 00		8	
P.M.				5 00		
A.M. TH	8 16	12 00	1 00		7 3/4	
P.M.				5 00		
Ordinary Time		42	2/6	5	17	6
Overtime						
Total Wages				5	17	6
Less Nat. Insce.					4	10
Income Tax					6	0
AMOUNT PAID				5	6	8

A TYPICAL CARD AS USED WITH
MODEL No. 325

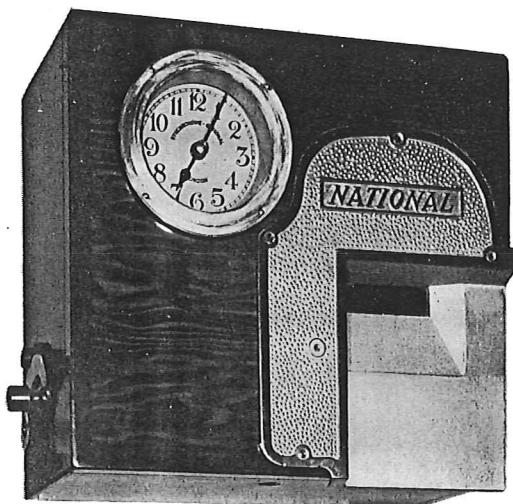


CARD RACKS

As illustrated on the left, can be supplied in various sizes.

CARD TIME RECORDER (Wood Case)

The Synchronome National Time Recorder, as illustrated in wood case, can be supplied if desired in metal case, and can be fitted with Electrical impulse, Synchronous A.C. or 8-day mechanical movement.



PORTABLE AUTOGRAPH RECORDER (Wood Case)

The Synchronome Portable Autograph Recorder is made so that it will lie flat on any table and can be moved as required.

CARD TIME RECORDERS

Fitted with Patent Check Action device which entirely prevents over stamping of any kind or stamping of days in advance.

MODEL	DESCRIPTION
A.	Prints hour and definite minute in one colour. "In" and "Out" lever, hand operated.
206.	Prints hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. "In" and "Out" lever, hand operated.
A.1.	Prints day, hour and definite minute in one colour. "In" and "Out" lever, hand operated.
325.	Prints day, hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. "In" and "Out" lever, hand operated.
100.	Prints hour and definite minute in one colour. Gives 15 or 31 days' record with 4 or 6 registrations daily as required. "In" and "Out" lever, hand operated.
200.	Prints hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. Gives 15 or 31 days' record with 4 or 6 registrations daily as required. "In" and "Out" lever, hand operated.

All the above models can be supplied in metal cases if required.

The following six models are not fitted with Patent Check Action.

MODEL	DESCRIPTION
10.	Prints hour and definite minute in one colour. "In" and "Out" lever hand operated.
102.	Prints hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. "In" and "Out" lever, hand operated.
12.	Prints day, hour and definite minute in one colour. "In" and "Out" lever, hand operated.
246.	Prints day, hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. "In" and "Out" lever, hand operated.
502.	Prints day, hour and definite minute in one colour. "In" and "Out" lever operates automatically at set times. For irregular times "In" and "Out" lever can be hand operated.
550.	Prints day, hour and definite minute with Two-Colour Ribbon. "In" and "Out" lever operates automatically at set times. For irregular times "In" and "Out" lever can be hand operated.

All the above models can be supplied in metal cases if required. Also with impulse movements suitable for operation from the Synchronome Master Clock or alternatively with synchronous movement for operating from 50 cycles. A.C. supply.

"CLIPIT" CARD TIME RECORDERS

MODEL	DESCRIPTION
CLIPIT 1.	Prints day, hour and definite minute in one colour, hand operated patent duplex handle.
CLIPIT 2.	Prints day, hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. Hand operated patent duplex handle.
CLIPIT 3.	Prints day, hour and definite minute in one colour. Fully automatic, daily change of column.
CLIPIT 4.	Prints day, hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. Fully automatic, daily change of column.
CLIPIT 5.	Prints month, date, hour and definite minute in one colour. Hand operated patent duplex handle. Full calendar card recorder.
CLIPIT 6.	Prints month, date, hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. Hand operated patent duplex handle. Full calendar card recorder.
CLIPIT 7.	Prints month, date, hour and definite minute. Automatic Two-Colour Ribbon, stamping lates and overtimes in red. Automatic daily column adjuster. Full calendar card recorder.

All the above models can be supplied in metal cases if required.

Patent Check Action Device can be fitted to any of the above "Clipit" Recorders.

"UNIVERSAL" JOB TIME RECORDERS

WALL MOUNTING TYPE

MODEL	DESCRIPTION
1.	Prints day, hour and definite minute in one colour. The number of registrations per day is unlimited and cards or docketts of any size may be used.
2.	Prints month, day, hour and definite minute in one colour. The number of registrations per day is unlimited and cards or docketts of any size may be used.

PORTABLE TYPE

1A.	Prints day, hour and definite minute in one colour. The number of registrations per day is unlimited and cards or docketts of any size may be used.
2A.	Prints month, day, hour and definite minute in one colour. The number of registrations per day is unlimited and cards and docketts of any size may be used.

All the above models can be supplied in metal cases if required.

TIME STAMPS

MODELS

DESCRIPTION

1. Prints exact minute, hour, date (changing automatically), also month and year. With square card guide.
2. As above, but with Time Card Guide.
3. As above, but with specially engraved plate.

AUTOGRAPH RECORDERS

1. Prints day, hour and definite minute against each signature.
2. Prints month, date, hour and definite minute against each signature.

PORTABLE MODELS

1. Prints hour and definite minute against each signature.
2. Prints day, hour and definite minute against each signature.

CARD RACKS

Oak, with metal divisions. Open type. Numbered as required. Height of racks 2 ft. 10 ins.

Size	To take cards $2\frac{5}{8}$ ins. \times 7 ins.			To take cards $3\frac{1}{4}$ ins. \times 7 ins., or Clipit Cards $3\frac{1}{4}$ ins. \times $8\frac{1}{4}$ ins.		
	Type	Width	Height	Type	Width	Height
25	Open	5 ins.	3 ft.	Open	6 ins.	3 ft. 2 ins.
50	„	$8\frac{3}{4}$ „	„	„	10 „	„
100	„	16 „	„	„	22 „	„

Time Cards, $2\frac{5}{8}$ " \times 7" can be supplied. Please state commencing day of week when ordering.

Clipit Cards

Standard Autograph Paper Rolls

Portable Autograph Paper Rolls

Ink Ribbons, any one colour

Duplex Ink Ribbons, two colour

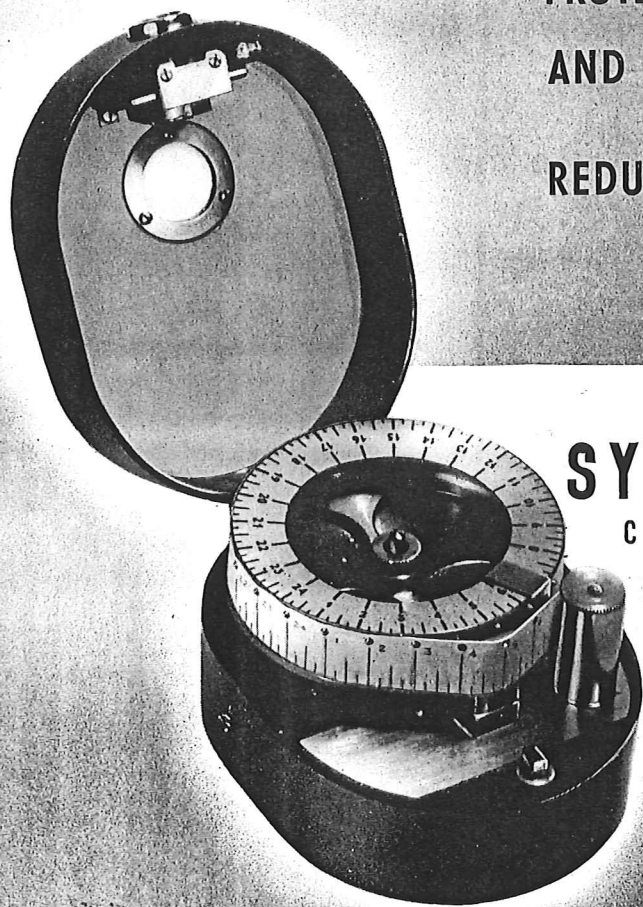
Portable Autograph Ribbons, any one colour

Prices for the above on application

The
SYNCHRONOME
Portable **WATCHMAN'S**
CLOCK

PROTECTS YOUR PROPERTY
AND YOUR WATCHMAN.

REDUCES THE COST OF
INSURANCE.



THE
SYNCHRONOME
COMPANY LIMITED

Special Features of the **SYNCHRONOME** *Portable WATCHMAN'S CLOCK*

The burglar, the petty pilferer, and the very small demon who starts very big fires have a powerful enemy in the Synchronome Watchman's Clock. It is generally appreciated that an efficient nightwatchman is the best protection against these menaces, but the very nature of the job is a temptation to slackness and it is possible for the best of men to get out of step sometimes. Given even half an hour's free hand a clever gang can remove a surprising amount of goods, or a fire gain proportions which are difficult to control.

You may have every confidence in your nightwatchman and not wish to have that confidence shaken. The sure way is to provide your man with a Synchronome Watchman's Clock. This, by the way, will also please your insurance company. Some companies, as you know, will not accept a burglar risk unless a clock is provided. Others reduce their premium when they know the man on the job *is* on the job. In some cases the cost of the Synchronome equipment is saved in the first year owing to the reduction in premium.

HOW IT WORKS

The way the Synchronome Watchman's Clock works to beat the burglar and avoid disaster from fire, is quite simple. Hung over his shoulder on a strap the watchman carries a leather case which contains the clock. You have planned his round and the parts of the premises at which he must make regular calls during the vulnerable hours of darkness. At these points are installed station boxes and attached to these by stout chains are engraved keys.

The watchman inserts a key in the clock and automatically

records the time of his visit and the code letter identifying the station on a calibrated tape inside the clock. It is not possible to tamper with these records of his night's perambulations as the clock is locked and can only be opened by the official to whom it is handed in before the watchman goes off duty.

Here then, you have a complete assurance that your man has done his job. He in turn knows you have confidence in him and is a better man for it.

*Why you
should use the*
SYNCHRONOME
Portable

WATCHMAN'S CLOCK

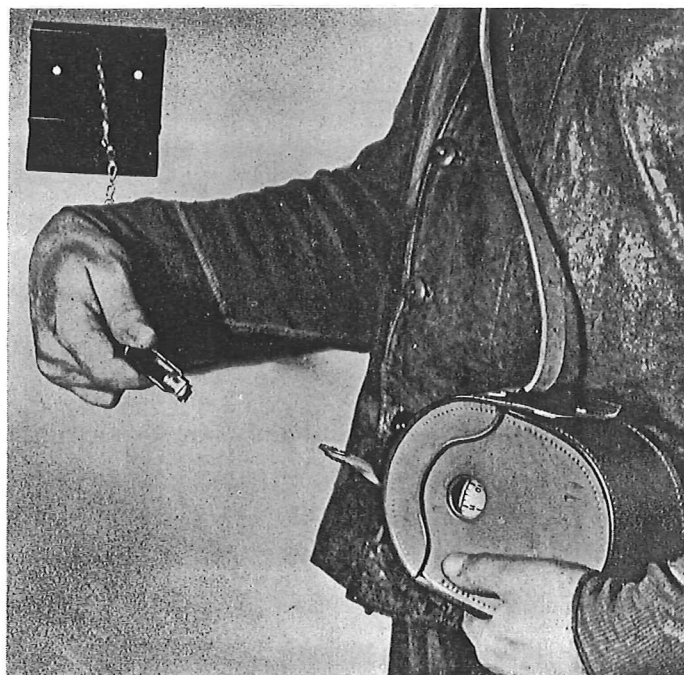
THE SYNCHRONOME
WATCHMAN'S CLOCK.

Watchmen's clocks are not new, but the Synchronome possesses many special features which give it a flying start as a burglar beater and fire preventer. The clock itself is a fine piece of mechanism.

It is a strong reliable and accurate eight-day movement which avoids the problem of winding the clock during week-ends and holidays.

CALIBRATED TAPE which is the watchman's worksheet for a week's vigilance is clearly marked off in hours and portions of an hour. You can tear it off daily if you like or leave it in the clock over a long weekend. The thing is not messy as there are no ink ribbons or carbons to remove.

The engraved keys which summon the watchman inexorably on his rounds do not need to be turned in the clock but are simply pushed in. They operate on a new patented principle which makes it impossible for anyone to stop the clock by holding the key against the rotating drum from which the tape unwinds.

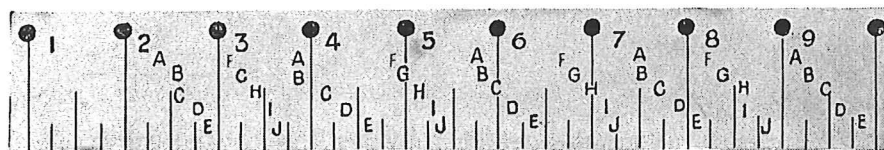


Registration is always clear on the calibrated tape. Even if the ink pad dries up through neglect a clear record is still obtained because the key embosses the tape as well as printing it.

UP TO FIVE COLOURS. To simplify the business of checking the tape, colour has been brought into service. If you want to see at a glance that the watchman has visited the engine room, boiler room, strong-room, show-room, fire equipment, garages etc. which you have laid down should receive a special check, the clock can be arranged so that these are recorded in different colours.

The clock can cope with as many as 130 different stations and even more if required, a small adjustment only being necessary.

It measures six and a half by five by four inches, and weighs with pouch at five pounds four ounces.



A facsimile of calibrated tape

Used by

Banks

Departmental Stores

Factories

Furniture Depositories

Government Depts.

Hospitals

Hotels

Institutions

Municipal Authorities

Oil Companies

Public Galleries

Shipping Companies

Theatres

University

Authorities

Warehouses, etc.

SPECIAL USES

In addition to its normal use as a Night Watchman's Inspection Clock, the Synchronome Watchman's Clock may be used for :—

- (i) Recording the rounds of Police, Fireman, Wardens, River and Reservoir Keepers, etc.
- (ii) Recording the opening and closing times of shops, laboratories, libraries.
- (iii) The regular inspection of valuable livestock, farm outhouses, kennels, racing stables, glass-houses, etc.

THE
SYNCHRONOME CO. LTD.
ABBAY ELECTRIC CLOCK WORKS
WOODSIDE PLACE, MOUNT PLEASANT, ALPERTON, MIDDX.

Telephone : WEMbley 3643