

Synchronome clock distribution board adjustments and wiring diagram

The date of this document is unknown but since it mentions Alperton as the address for the company, it must be between 1939 and 1963

Method of current checking and setting clocks to time from distribution board

The current for each circuit may be checked and set by inserting the wander plug into the jack of the circuit under test and setting its switch to advance, then press and push button P when a reading of the current through the circuit will be indicated on the ammeter, adjust the resistance of the circuit for a current of 0.33 A

To advance one or more circuits

Put switch or switches for the circuits to advance and press pushbutton P as many times as half minutes required to advance clocks to the correct time. It is not necessary to insert the plug into the jack for this operation

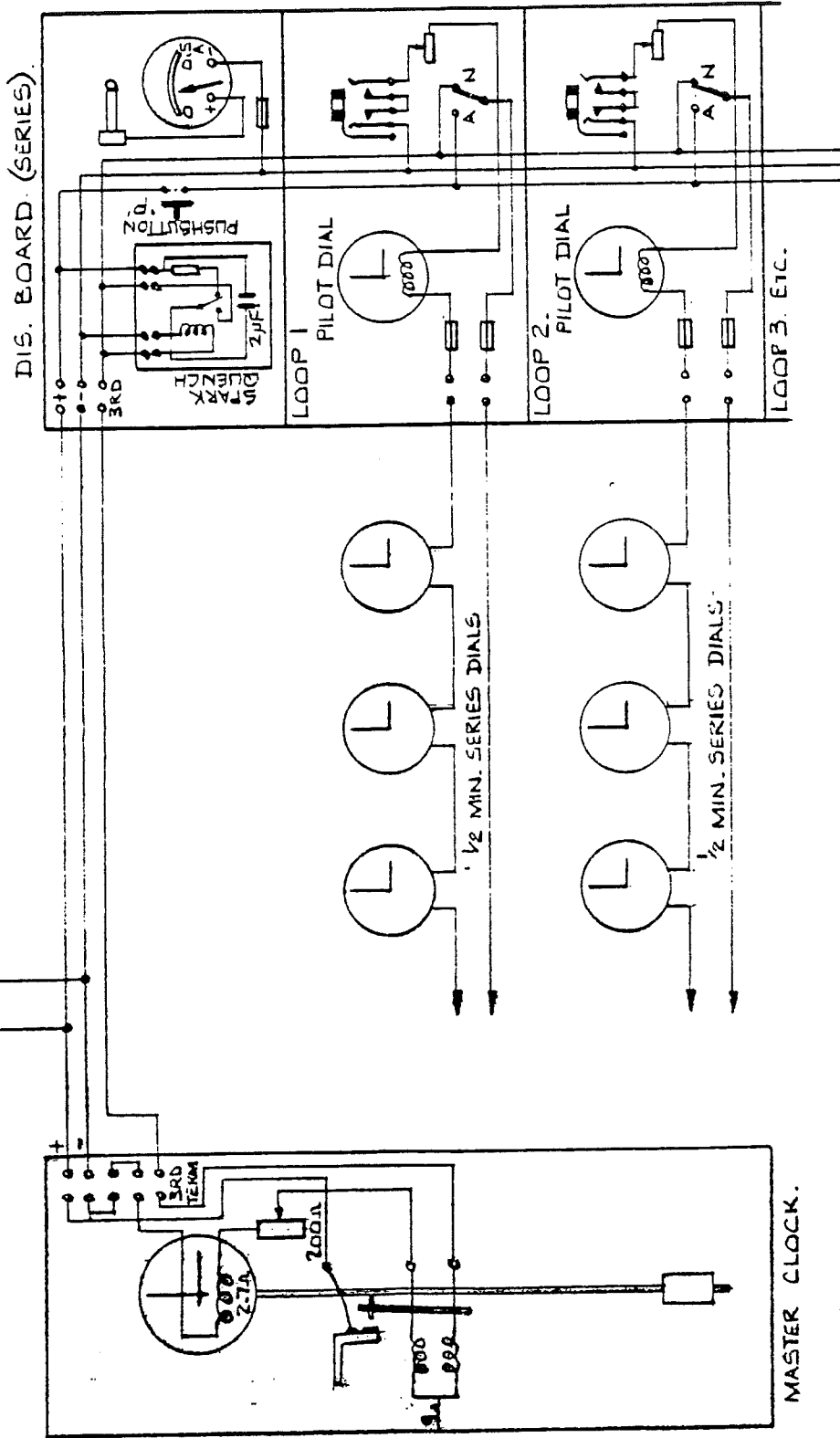
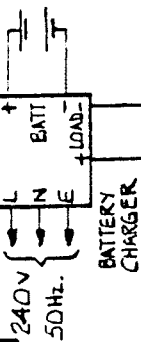
To retard one or more circuits

Put switch or switches to advance and do nothing else . This will stop all clocks in the circuit until such time as the switches returned to normal, meanwhile all other circuits will carry on normally.

Resistance is R1, R2, R3 et cetera each have total resistance value three times greater than the battery voltage (approximately)

Taken from Synchronome DRGno. W9260A, Synchronome, Alperton.

IT5.26841-1R



TO SET CURRENT.

INSERT JACK PLUG INTO SOCKET OF PANEL UNDER TEST. SET ITS SWITCH TO 'ADVANCE' PUSH, PUSHBUTTON 'P' AND ADJUST CURRENT TO .33A BY VARIABLE RESISTOR.

TO ADVANCE 1 OR MORE LOOPS.

PUT SW./SWs. TO ADVANCE AND PULSE BUTTON 'P' TO ADVANCE DIALS.

TO RETARD 1 OR MORE LOOPS.

PUT SW./SWs. TO ADVANCE : THIS WILL STOP CLOCKS OF LOOP OR LOOPS CONCERNED.

ISSUE 1

DRAWN

W.A. DENNIS

DATE

29-9-77

CHECKED

SCALE

— ANGLE PROJECTION

UNSPECIFIED DIMENSIONAL TOLERANCES

FINISH

MATERIAL

TITLE

WIRING DIAGRAM OF
TYPICAL SERIES
CLOCK CIRCUIT.

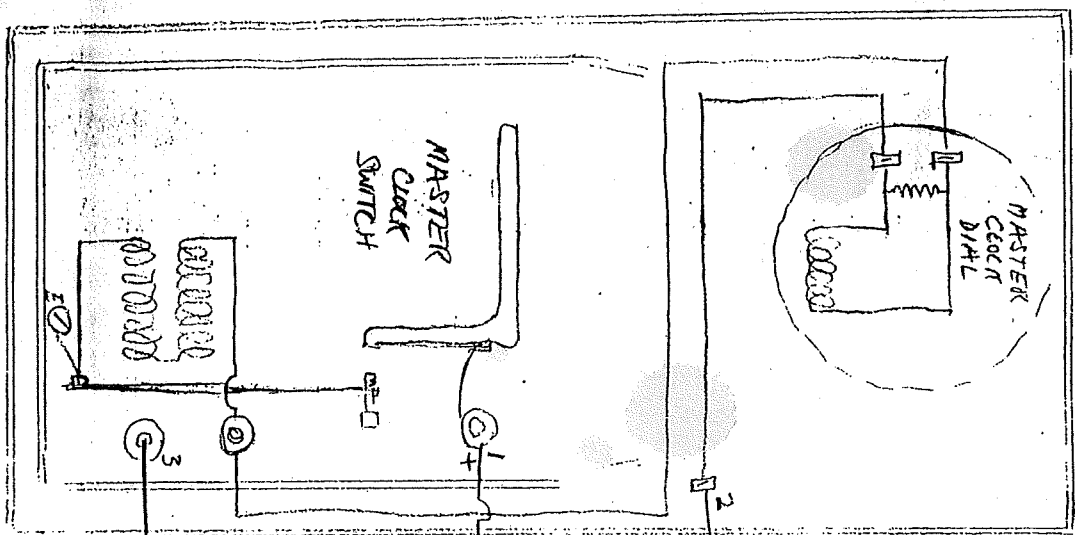
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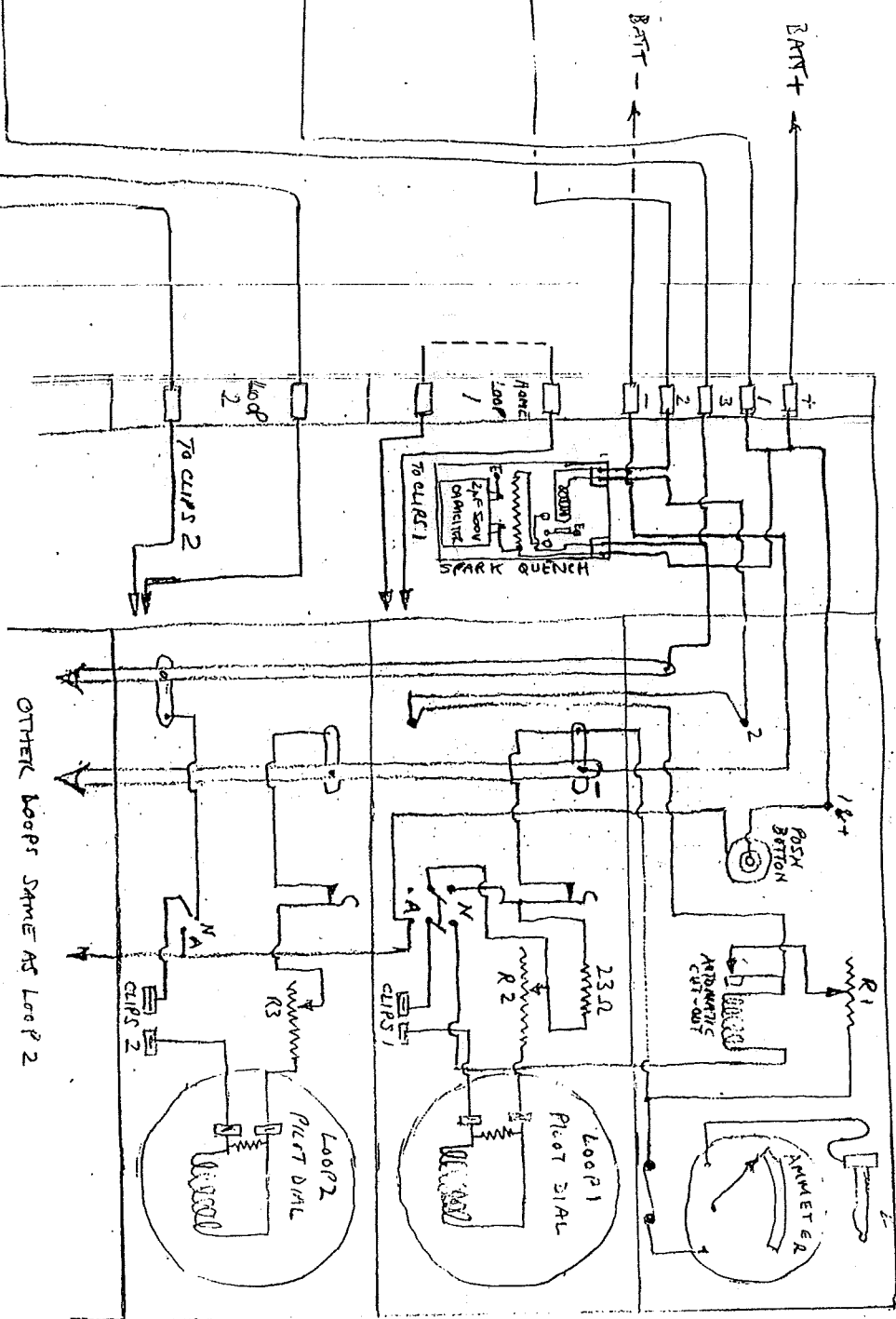
1993 JE 30 II

Trade Pwng

MASTER CLOCK



DISTRIBUTION BOARD



OTHER LOOPS SAME AS LOOP 2

SLAVES + SLAVES, DIRS, PREGATHMENT, etc. in Series.

PART OF DRG. NO.

W 9260/A

WITH APPS.