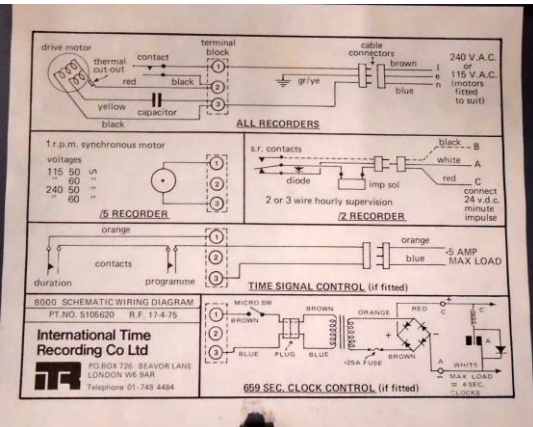


SIWE nr. 377	Stempel- of prikklok		Time Clock
Doel:	afdrukken van begin- en eindtijd van de werkuren		
Type:			
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;">  </div> <div style="width: 50%; text-align: center;">  </div> <div style="width: 50%; text-align: center;">  </div> <div style="width: 50%; text-align: center;">  </div> </div>			
Bouwer:	ITR UK voor 230V en 50Hz.		
Bouwjaar:	ca. 1960?		
Afkomst:	Uurwerkmaker Dhr. Marc Van Melkebeke, Halle – gered zoniet werd dit verschroot		
Nieuwe bestemming	HistarUZ – Leuven		
Afmetingen:	BxDxH: 37x26x40 cm		
Gewicht:	22kg?		
Materiaal	ijzer, koper, elektrische motor, fijn mechaniek		
Werkwijze:	<p>De klok bevat twee smalle schijven met daarop de uren en de minuten zoals op de aanslagletters van een schrijfmachine. De tijd (positie van de schijven en de trommel) gaan in stappen per minuut vooruit aangedreven door een 50Hz synchroon motortje dat om de minuut een puls doorstuurt en het mechanisme stuurt. Bij het insteken van een steekkaart wordt daarop de aangeduide tijd afgedrukt. De insteekpositie van de kaart (7 dagen) wordt in de lengte en breedte verschoven alsook de kleur van de druk, door plaatsing van ruitertjes op de trommel zodat de verschillende tijden gescheiden afgedrukt worden. Zie hiervoor de instructies op de volgende 2 paginas.</p>		
Opmerkingen	Werkt correct		
Opmaak:	A.M. . op 27.10..2020 -	e-mail: <a href="mailto:andre.montald@gmail.com">andre.montald@gmail.com</a>	

# International Time Recording Co Ltd



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## INSTRUCTIONS

### ITR 8000 & 9000 SERIES ATTENDANCE TIME RECORDERS

#### INSTALLATION

1. Recorder must be placed on a substantial wall as free as possible from damp, dust, dirt, vibration and extreme temperature changes.
2. Remove case by releasing lock, raising case up and pulling outward.
3. Remove the nut, bolt and washers from the backplate which retains the mechanism in position. Also remove the packing material.
4. Remove mechanism from backplate by lifting upwards and then forwards off its three studs.
5. Mount backplate on 1½in. (38.1mm) wooden battens so that the centre of the top batten is 3ft. 6in. (1.07m) from the ground. The centre of the second batten should be 10<sup>3</sup>/<sub>8</sub>in. (264mm) lower.
6. Replace mechanism on backplate.
7. Connect wires from the socket of the three-pin connector provided into a junction box installed below the recorder, attaching brown wire to live and blue wire to neutral with green/yellow wire to earth.
8. If the recorder is equipped with time signal control, connect blue and orange wires from connector to bell circuit.
9. If the recorder is equipped with secondary clock control, connect 2 wires from the clocks into the terminal block below the mechanism. A - white (-), C - red (+).
10. Instal card racks on either side of the recorder with the 'out' rack nearest the exit. Top screws for card racks should be 5ft. 6in. (1.68m) from the floor, and the racks should not be too close to the recorder.

#### MASTER CLOCK OPERATED RECORDERS

11. If the recorder is to be connected into an hourly supervised 2 wire system, connect the two wires from the impulse circuit connector thus: white - A, red - C.
12. If the recorder is to be connected into an hourly supervised 3 wire system, connect the three wires from the impulse circuit connector thus: white - A, black - B, red - C.

#### SETTING

1. Break supply at line plug and socket mounted below mechanism.
2. Advance time shown on dials to correct time by pushing the large gear fitted to the typewheel shaft (to be found to the right of typewheels) towards rear of recorder.
3. Set hour typewheel to the correct position by pushing typeface in the same direction as gear wheel, using the back end of a pencil or similar piece of wood. The correct position is at top dead centre of hour type, this being six hours ahead of the printing position. It will be noted each hour appears twice in succession. When minute wheel prints 00 to 20 inclusive, the first hour digit is used, and when printing 21 to 59 minutes inclusive the second hour digit is used. 1 - 12, 1 - 12 hour wheel has underscore to denote PM hours. Example: (a) Time shown 11.18 p.m. - hour type T.D.C. should read first 5 without underscore, (b) Time shown 11.30 a.m. - hour type at T.D.C. should read 5 with underscore.
4. Re-connect plug and socket.
5. Take print on card and set day typewheel to print the correct day by moving typewheel by the same method as hour wheel.

6. The detent wheel to the right of the type assembly controls the red and blue recording. The shift detent cam should be located in a deep tooth to print blue, and a shallow tooth to print red. To change, slightly lift the ribbon vibrator arm and rotate detent wheel to locate cam in correct tooth for colour required at time currently set on machine.

#### 8000 SERIES RECORDERS ONLY

7. Vertical spacing on time card is controlled by cam assembly to the left of the card receiver. To alter position, the interposer link (which is connected to the reading finger operated by setting pins in the section of drum accommodating the vertical abutment - see instruction label on front), should be pushed as far as it will go without force (about 1/2 in. or 12.7mm) towards the rear of the recorder and held there during an impulse which will affect the position by one space.
8. Horizontal spacing on the time card is controlled by the cam assembly to the right of the card receiver. To alter the position, the interposer link (which is connected to the reading finger operated by setting pins in the section of drum controlling the horizontal carriage - see instruction label on front), should be pushed as far as it will go (1/2 in. or 12.7mm) towards the rear of the recorder which will affect the position by one space across the card.
- On some models spare cam positions have to be taken up when recording in the first column, for example 3 on the model 8841, 2 on model 8861.

#### 9000 SERIES RECORDER ONLY

Note: The printing field is fixed and the vertical spacing is controlled by the time card.

#### RESETTING FOR SUMMER TIME

##### SYNCHRONOUS MOTOR OPERATED MODELS ONLY

When resetting for true time is necessary, move forward the minute impulse latch lever and control lever, found immediately below the motor contacts and housed in a black insulated case at the rear of the right hand side casting. These levers are the two outside ones of a group of four, and when held forward the machine will advance. The lever should be released when the correct time is reached. If the time is advanced too far, it is necessary to break the supply and reconnect at the correct time. This method should be used to bring a recorder up to time in the event of a power failure. At the end of a summer time period it will be necessary to disconnect the machine for one hour to revert to G.M.T.

#### REPLACING INK RIBBON

Remove top front casting which carries the two-colour selector lever. (Care should be taken not to strain the mechanism). Unscrew spools, and swing ribbon guide to the top of the typewheels. It will be found that in this position there is a flat spring holding ribbon to guide. Remove this and slide old ribbon out. One new spool is supplied with each ribbon. This, with the better of the two original spools, should be used with the new ribbon. There is no difference between left and right hand spools but care should be taken to fit them the correct way up - left hand to feed in an anti-clockwise direction, right hand to feed in a clockwise direction.

#### MAINTENANCE

To obtain the best results from this equipment, we recommend periodic cleaning and oiling throughout the year by an ITR Customer Engineer. For further information on our maintenance service terms for quick and efficient service, telephone or write to our nearest service depot.

#### BRANCH OFFICES

<b>BELFAST</b>	143 Upper Newtownards Rd., Belfast BT4 3AX. Belfast 651068	<b>LEEDS</b>	49 Barkston House Croydon Street, Leeds SL11 9RT. Leeds 35188
<b>BIRMINGHAM</b>	714F/715F Hockley Centre, 120 Vyse Street, Birmingham B18 6NF. 021-236 3091/2	<b>LIVERPOOL</b>	33 Cheapside, Liverpool L2 2SY. 051-236 5714
<b>BRISTOL</b>	6 Christmas Steps, Bristol BS1 5BS. Bristol 22270	<b>LONDON</b>	P.O. Box 726, Beavor Lane, Hammersmith, London W6 9AR. 01-748 4484
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