

INSTRUCTIONS FOR OPERATING

TEALARM

Model A.C/2

TRADE



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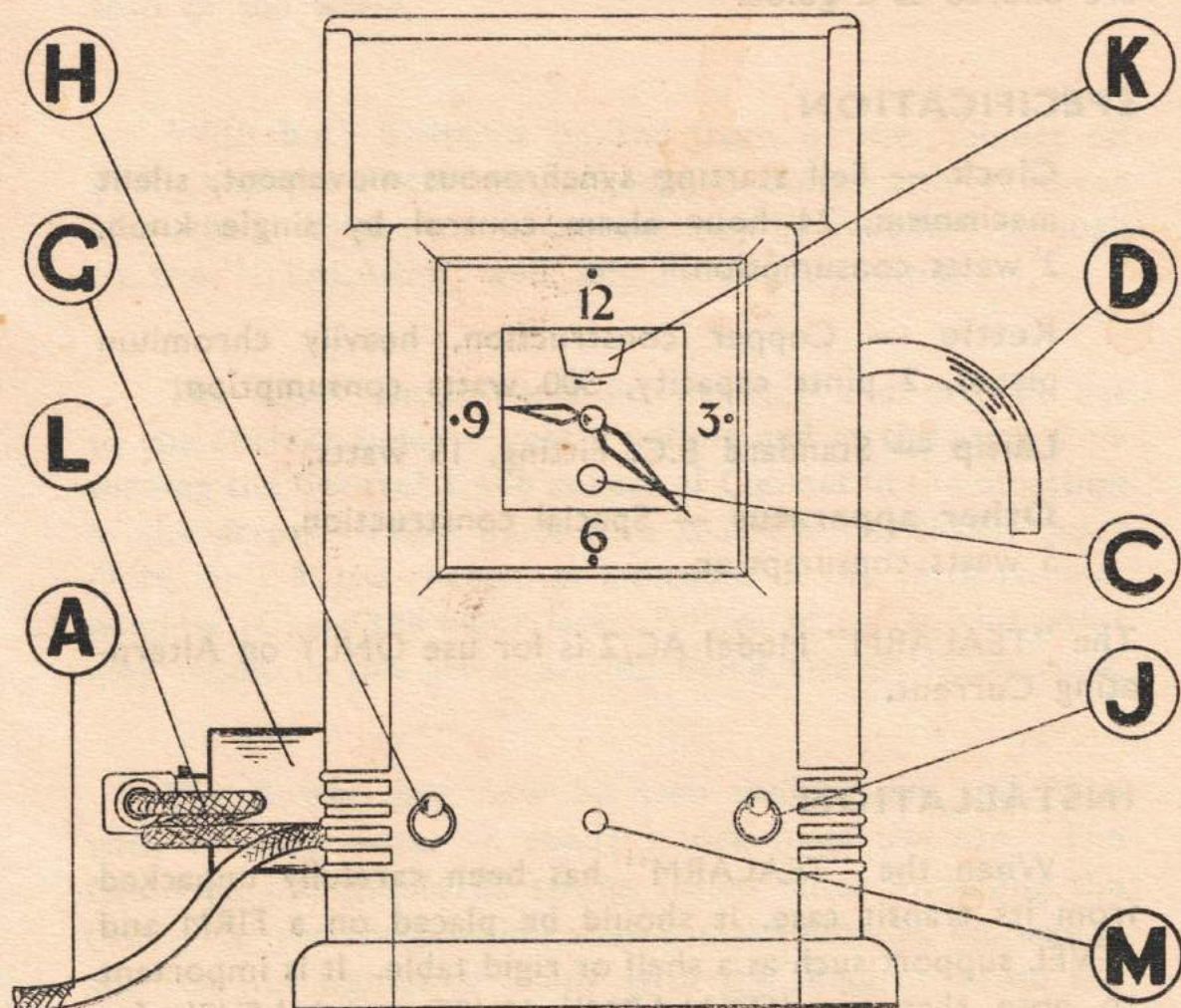
A.C.M.C. PRODUCT

CONCENTRIC MANUFACTURING CO. LTD.

PRIORY ROAD, ASTON, BIRMINGHAM 6

ENGLAND

**INSTRUCTIONS for INSTALLING and
OPERATING
"TEALARM" - - MODEL AC/2**



**Please read these directions carefully before
attempting to put your "TEALARM" into use.**

INTRODUCTION . . .

The "TEALARM" Automatic Tea Maker is a self-contained instrument comprising an Electric Clock, an Alarm Unit, a Table Lamp and an Electric Kettle, mechanically and electrically linked into a Unit designed and produced by skilled craftsmen to give reliable and consistent service to the user. Like all other electrical apparatus, the "TEALARM" should be operated with an intelligent understanding of its simple mechanism and the following notes are offered as a guide.

SPECIFICATION

Clock — Self starting synchronous movement, silent mechanism, 24 hour alarm control by single knob, 2 watts consumption.

Kettle — Copper construction, heavily chromium plated, 2 pints capacity, 500 watts consumption.

Lamp — Standard B.C. Fitting, 15 watts.

Other apparatus — Special construction.
5 watts consumption.

The "TEALARM" Model AC/2 is for use ONLY on Alternating Current.

INSTALLATION

When the "TEALARM" has been carefully unpacked from its transit case, it should be placed on a FIRM and LEVEL support such as a shelf or rigid table. It is important to note that the "TEALARM" MUST stand LEVEL for satisfactory operation.

The instrument bears a nameplate showing its voltage rating and frequency. Care must be taken to see that it

agrees with the available Mains Supply. (Note: Frequency = C.P.S. = \sim).

The longer of the two cords (A) — see drawing on page 1 — may now be linked into a mains plug. The GREEN wire should be connected to the EARTH pin. Since the electric clock requires a constant supply for its operation, it is preferable to allocate a separate supply point for the "TEALARM". This point must be able to carry a continuous load of 500 watts.

With both Switches on the front of the Cabinet off (UP), and the Kettle unplugged and temporarily removed from the unit, the mains current may be switched through to the "TEALARM" and left in that condition.

The Clock should now be working and may be set to the correct time by gently pulling and at the same time turning the Control Knob at rear of Cabinet in the direction of the arrow. Make quite sure that the CORRECT hour (A.M. or P.M.) is chosen, as indicated in the small circular window (C) on the clock face. Failure to see to this point may result in the alarm setting being twelve hours slow.

The Kettle may now be well swilled out and filled with drinking water to about 1 inch from the top. The Exit Pipe (D) should be swung round (after loosening the Union Nut) to the position shown in the drawing on page 1, and the nut tightened firmly with the fingers. Note the half turn bayonet action when replacing the Kettle Lid. On no account must this lid be left off or fitted insecurely since the Kettle depends for its action upon slight steam pressure generated within. When new, the seating washer

under the Lid may be too dry and hard to form an effective seal at this point. It is advisable to soak the complete lid in cold water for an hour or two before using for the first time. During use the washer is maintained damp and flexible.

The filled Kettle may now be placed in position behind the Clock. See that the four feet fit snugly into four corresponding recesses in the Tilting Platform and that the Connecting Socket (G) is to the left, as viewed from the front.

It will be noticed that the Tilting Platform on which the Kettle is placed moves downwards a little with the weight of the (filled) Kettle. Care should be taken to see that this Platform is quite free in its action, and that in the course of use, no foreign matter such as pins, needles, matches, or the like impede its free action.

Note—Do NOT overfill the Kettle.

SWITCH CONTROLS

The Lefthand Switch (H) independently controls the Lamp situated above the Clock, and has a two-way action, i.e., if the Lamp should be 'off', changing the position of the switch up or down, will put it 'on' and vice-versa.

The Righthand Switch (J) when switched 'ON' (down) sets the kettle to boil at whatever time is indicated by the Clock Alarm Indicator (K). When 'OFF' (up) the Kettle will not heat up. If the Kettle is not on the Platform or has insufficient water within when this Switch is set to 'ON', a buzzing sound will be heard. This is, of course, the internal Alarm Unit in action.

OPERATION

Rotate the Alarm Set Indicator (K) in the direction of the arrow, by turning the Control Knob to the desired time that the "TEALARM" is required to make tea. Note that there are two sets of twelve hours marked thereon (RED for A.M. — BLACK for P.M.) The time indicated is the actual time the Alarm will sound, i.e. after the Kettle has boiled.

Set the filled kettle on the Platform and plug in the Connector attached to the shorter lead. Provision is made for a short loop (L) to the set in this cord, so that there shall be no undue restriction of the Kettle movement.

Place under the exit pipe (D) a teapot with the lid removed containing the requisite amount of tea. Make quite sure that the movement of the Kettle and Tilting Platform is unimpeded.

The "TEALARM" is finally 'SET' by depressing the Righthand Switch (J). Should the Lamp not be wanted, the Lefthand Switch (H) should be depressed also.

At the appropriate time, the Kettle will be switched on automatically and after about 15 minutes it will boil and eject about one pint of water into the teapot. It will thus lose weight, tip forward slightly, automatically switch itself off, and, at the same time, illuminate the Lamp and sound the Buzzer Alarm. Thus warning is given that the tea is made. The Buzzer is switched off by the Righthand Switch, leaving the Light on. If this is not desired, it may be extinguished by the Lefthand Switch.

Normally this cycle of operations will repeat itself every 24 hours. The "TEALARM" may be filled and set at any convenient time of day ready for action.

The Small Red Button (M) situated between the two Switches is for manual control of the "TEALARM." With the Righthand Switch 'on' a single push of this button will start the apparatus working immediately, irrespective of any time set by the Clock Control. With the Righthand Switch 'off' the Red Button is inoperative.

GENERAL HINTS

Remember that the "TEALARM" will not function properly IF :

- 1) The Kettle has insufficient water;
- 2) The Kettle lid is left off or is insecurely fitted;
- 3) The Kettle Connector is not plugged in;
- 4) The Kettle is incorrectly placed on its platform;
- 5) The Righthand Switch has not been set to 'ON';
- 6) The Clock shows incorrect time, i.e. is 12 hours slow;
- 7) The "TEALARM" unit is not standing level.

WARNING

It is dangerous to remove the back cover of the "TEALARM" without first disconnecting the Unit entirely from the Mains supply.

The Interior Mechanism may be exposed by unscrewing the Clock Control Knob (lefthand thread) and the four retaining screws at the back of the Cabinet, and removing the back cover.

The Lamp is thus readily accessible.

The Tilting Platform may be removed for cleaning if necessary by first unscrewing the Counterweight, then easing the Platform gently towards the rear.

The Magnetic Relay Switch situated inside the Cabinet may occasionally hum slightly during the short period that the Kettle is in circuit, especially when new. This is due to the ingress of dust particles and should wear off with use. All electrical contacts are pure silver and should it be necessary, they may be cleaned with a small strip of paper, or visiting card, using slight pressure. In replacing the back plate, note the Earth Wire screwed to the OUTSIDE.

GUARANTEE

The Manufacturers of the "TEALARM" (Concentric Manufacturing Co. Ltd.), hereby guarantee each new "TEALARM" to be free from defective materials and workmanship, and agree to remedy any such defects, free of charge, for a period of TWELVE MONTHS from the registered date of purchase, providing the instrument has at all times been subjected to normal use, and subject to the following conditions :

- 1) That the "TEALARM" has been used with correct current supply, and has not been interfered with or subjected to maltreatment.
- 2) That the instrument is securely packed and returned to our Service Department, Carriage Paid both ways at Owner's Risk.
- 3) That the Registration Card is completed and returned to the Company within seven days of purchase.
- 4) That this guarantee is non-transferable, and applies only to the Registered User.
- 5) That any components of the "TEALARM" not of the Company's manufacture are covered by their manufacturers' guarantee and not by this guarantee.

THIS GUARANTEE becomes void if repairs are executed to the apparatus or it is dismantled by any person not authorised by the Company, or if the "TEALARM" is let out for hire.

No liability is accepted by the Company for any consequential damage.

A separate Advice Note must be sent bearing the Serial Number of the "TEALARM" and stating that repairs are claimed under the guarantee. The decision of the Company on any claim shall in all cases be regarded as final.

The above guarantee excludes all other warranties, conditions and liabilities of the Company whether statutory or otherwise.

CONCENTRIC MANUFACTURING CO. LIMITED

PRIORY ROAD, BIRMINGHAM, 6

Telephone **EAST 1662-3**

It is **IMPORTANT** that this Registration Card be completed. It should be detached and forwarded to **CONCENTRIC MANUFACTURING CO. LTD.** within **Seven Days** of purchase, otherwise the Guarantee is rendered Inoperative.

I have purchased a "TEALARM" Unit Model A.C.2

Particulars

From

(Name and Address of Dealer)

Serial No.

Date Purchased

Please register my Twelve Months Guarantee

Full Name

(Block Letters)

Full Address

Price Paid £ s. d.

House Voltage

TEAR HERE

Printed Matter

Postage
must be
Prepaid

To SERVICE DEPARTMENT,

CONCENTRIC MANUFACTURING CO. LTD.,

PRIORY ROAD, ASTON,

BIRMINGHAM 6.

