

# LCI HAIRDRYER RANGE

## Coin, Token or Push Button Operated



### INSTALLATION AND OPERATING INSTRUCTIONS

Model A, Model B, Model C, Estelle

## 1. INTRODUCTION

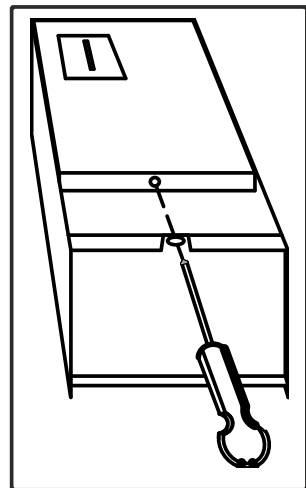
The Leisure Controls International range of hairdryers is designed to give maximum reliability so installation and after care instructions must be carefully followed to give optimum service. The modular construction allows for easy servicing or replacement of parts when required. The meters comply with the latest EMC and Low Voltage directives, meeting EN60730-1:92, EN50082-1:92, EN55014:93, and EN60555-2:87.

## 2. INSTALLATION

All hairdryers, coin-operated or push-button models, are designed for wall mounting. Care should be taken not to mount directly against a heat source or within three metres (ten feet) of running water. It is recommended that the minimum height above the floor is 1.2 metres (four feet). Current IET wiring regulations (BS 7671:2018) must be adhered to. It is recommended that each installation should be protected by a suitable residual current breaker (RCB). A 30mA trip device will provide protection to within Zone 2.

### 2a. Model A, Model B and Model C (Coin-Operated)

- i. Lay the meter on its back and unlock and remove the cash box.
- ii. See Figure 1. Using a No. 1, 9 inch pozidrive screwdriver remove the recessed screw and remove the front panel by pulling towards base as far as possible, lifting bottom edge slightly outwards and then lifting panel upwards. **IMPORTANT.** It is essential that panel recess is clear of case lip before attempting to lift panel out. Rotate front panel and withdraw 5-way connector from printed circuit board, thus separating front panel from the meter case. Set programming switch (Section 3) and place panel in a safe place.
- iii. Position the case on the wall and mark the top centre fixing position. Drill and plug the wall and fit with No. 8 or 10 screw of not less than 25mm (1"). Hang case on screw and tighten. Use a spirit level to ensure the case is perfectly level.  
**If the case is not level the coin mechanism may malfunction.** Mark the bottom two screw positions, remove case and drill and plug the holes.
- iv. Remove the cable knockouts as required and fix to the wall.
- v. Using a fused double pole switch for the mains input, wire the unit as shown in Figure 2 using cable of cross sectional area not less than 2.5mm<sup>2</sup> and fuse as appropriate up to a maximum of 10A. The use of 20mm conduit is recommended (use male thread adaptor with lock-ring e.g. Egatube type EMA/2). Alternatively fit a 20mm nylon compression cable gland to provide strain relief.



Front Panel Removal

**Figure 1**

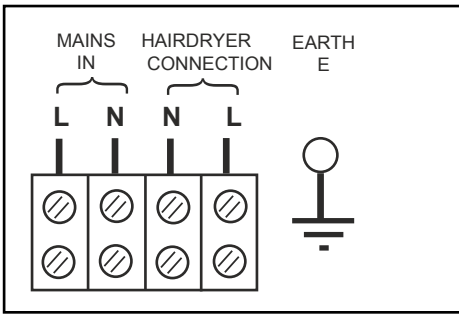
### **WARNING!**

#### **THE EARTH TERMINAL MUST BE CORRECTLY CONNECTED TO A KNOWN EARTH**

*ENSURE EARTH WIRE IS ADEQUATELY TRAPPED BY THE TAGS OF THE CLAMPING WASHERS*

- vi. Refit front panel, making sure the 5-way connector is the correct way round. There is a polarising back wall to ensure correct polarity. **Forcing the connector the incorrect way round will cause irreparable damage.** Replace the recessed screw, making sure the screw head is flush with the front panel but not over tightened.
- vii. Insert cash box and lock. *MAKE A NOTE OF THE KEY NUMBER AND PUT IN A SAFE PLACE.*
- viii. Switch on and test for correct operation.

**NEVER OPERATE THE UNIT WITH THE FRONT PANEL UNSECURED OR WITH THE CASE UNEARTHED.**



Wiring connections for all versions

**Figure 2**

TO SET TIME PERIOD

Switch No.	Time Period
1	1
2	2
3	4
4	8

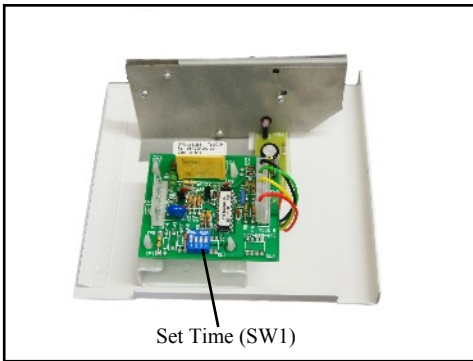
Example set for 3 minutes

Switch numbers 1, 2 ON = 3 minutes

The diagram shows four switches labeled 1, 2, 3, and 4. Switches 1 and 2 are shown with upward-pointing arrows and the word 'ON' above them, indicating they are turned on. Switches 3 and 4 are shown without arrows, indicating they are off.

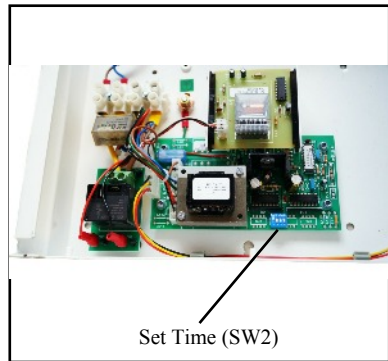
To set time period

**Figure 3.**



Position of programming switch (Models A, B, C)

**Figure 4.**



Position of programming switch (Estelle)

**Figure 5.**

## 2b. Model C (Push Button-Operated)

- i. Remove the screw from the bottom of the unit and lift the bottom edge of the front panel upwards. Pull out gently and withdraw 5-way connector from the printed wiring board, thus separating the front panel from the meter case. Place the panel in a safe place. Programme time as required using setting switches as shown in figure 3. It is recommended that push-button models are set for a maximum of two minutes.
- ii. Position case on the wall and mark the top keyhole fixing position. Plug wall and fit No. 8 or 10 screw or rawlbolt of not less than 25m (1"). Allow sufficient protruding to hang the case on the screw. Slightly tighten screw and using a spirit level, mark position of the bottom two fixing holes ensuring the case is level. Remove case and plug the wall holes.
- iii. Remove conduit/cable knockout as required and fix case to the wall.
- iv. Using a fused double pole switch for the mains input, wire the unit as shown in Figure 2 using cable of cross sectional area not less than 2.5mm<sup>2</sup> and fuse as appropriate up to a maximum of 10A. The use of 20mm conduit is recommended (use male thread adaptor with lock-ring e.g. Eगतube type EMA/2). Alternatively fit a 20mm nylon compression cable gland to provide strain relief.

### **WARNING!**

**THE EARTH TERMINAL MUST BE CORRECTLY CONNECTED TO A KNOWN EARTH**  
 ENSURE EARTH WIRE IS ADEQUATELY TRAPPED BY THE TAGS OF THE CLAMPING WASHERS

- v. Refit front panel, making sure the 5-way connector is the correct way round. There is a polarising back wall to ensure correct polarity. **Forcing the connector the incorrect way round will cause irreparable damage.** Replace the fixing screw ensuring the front panel is securely fitted but not over tightened.
- vi. Switch on and test for correct operation.

## 2c. Estelle (Coin and Push Button Operated)

- i. Open the casing by using the keys provided. Remove the coin tray for easy access. Remove the screw holding the safety cover and remove the cover. Decide the desired position for the box on the wall, **bearing in mind the extra width necessary when the door is open and allowing sufficient room above a table top to access the lock!** Ensure the position is at least 3 metres from running water.
- ii. Mark the wall to indicate the position of the top centre screw and drill and plug this to take a No. 8 or 10 screw of at least 25mm (1") in length, depending on the wall structure. Insert the screw leaving it loose enough to hang the box, ensuring that it is as level as possible. Check with a spirit level and mark the position of the other four fixing holes on the wall. Remove the box and drill and plug the four additional holes with suitable fixings. Remove the cable knockout if bottom entry required and fix case to the wall. **IMPORTANT. If the case is not level the coin mechanism may malfunction.**
- iii. Using a fused double pole switch for the mains input, wire the unit as shown in Figure 2 using cable of cross sectional area not less than 2.5mm<sup>2</sup> and fuse as appropriate up to a maximum of 10A. The use of 20mm conduit is recommended (use male thread adaptor with lock-ring e.g. Egatube type EMA/2). Alternatively fit a 20mm nylon compression cable gland to provide strain relief.  
**WARNING! THE EARTH TERMINAL MUST BE CORRECTLY CONNECTED TO A KNOWN EARTH ENSURE EARTH WIRE IS ADEQUATELY TRAPPED BY THE TAGS OF THE CLAMPING WASHERS**
- iv. Programme time as required using setting switches as shown in figures 3 and 5. It is recommended that push-button models are set for a maximum of 2 minutes.
- v. Replace the safety cover and the coin box, close and lock the door. Re-apply mains and check correct operation of the coin mechanism and the whole installation.

## 3. AFTER CARE

It is essential that all dryers are kept clean and free from dirt and fluff at the air inlet. Regular cleaning is essential for maximum life of all models. Daily inspection is recommended.

**WARNING!** Failure to keep air intakes clear will impair performance and could lead to over-heating and subsequent damage or intermittent cut-out and could invalidate the guarantee.

### 3a. Model A, Model B and Estelle

All handsets are fitted with a dust filter. To clean, remove filter holder and gauze, remove any hair from the inlet and rinse and dry gauze. Extra filters are available.

**WARNING!** When in use the hairdryer must be kept clear of all obstruction and the air inlet never be covered with towels or clothing when running.

**WARNING!** Cables must be **regularly** checked for signs of wear and replaced as soon as any damage is observed. Failure to do so invalidates the guarantee and could be a health hazard.

Although the coin timer is strong and reliable the cash box is an obvious target for vandalism. It is recommended that coin boxes are emptied every evening and Model A and B coin boxes are left unlocked.

### 3a. Model C (Coin and Push Button Operated)

To clean Model C dryer remove the front panel (see Section 2b.i) and remove the heater by slackening the two screws holding the heater retaining bracket at the top of the unit, slide the bracket upwards and ease the heater out. Inspect the air intake and remove any trapped dirt. Replace in reverse order.

Inspect the tube and nozzle regularly.

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Designed and manufactured in Great Britain by Leisure Controls International Ltd.  
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