

# Operating Instructions

## Strike, Chime & Triple Chime Wall Clocks

Please read these instructions fully before setting up your clock.

### 1. Remove internal packaging

Open the clock door(s) and remove all visible packaging that protects the movement hammers, pendulum and intermediate part.

### 2. Hanging the clock

Hang the clock on a secure fixing in the desired position. It is recommended that the clock is not positioned near a source of heat. Check with a spirit level that the cabinet is vertical.

### 3. Fitting the pendulum

Suspend the pendulum from the intermediate part. (See illustration).

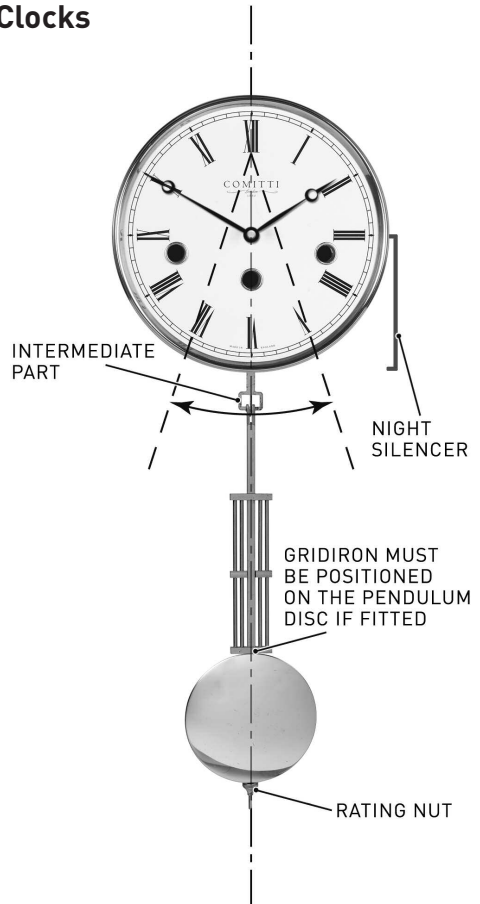
### 4. Winding the clock

Fully wind each keyhole clockwise weekly. Each spring should be wound until a definite resistance is felt. Although the springs on a new clock offer considerable resistance, it is not possible to over-wind the mechanism under normal use.

Fully wound the clock will run for a period greater than 8 days. If the clock stops within this period the most likely cause is either that the clock is "out of beat" (see below) or it is not fully wound.

### 5. Checking the beat

Move the pendulum slightly to the left or right and release it so that the clock ticks. The clock is set to have an even sounding 'tick-tock' before leaving the factory. This is achieved when the intermediate part travels an equal distance either side of an imaginary centre line (see illustration) when the clock is vertical. If this is not the case, remove the pendulum and push gently to the left or right against the pendulum intermediate part, beyond the point at which you feel a definite resistance. Re-fit the pendulum and listen to



see if the 'tick-tock' sound is more even. Repeat this process until the sound is even.

**Note:** If access to the pendulum is from the back of the case, carry out this procedure before hanging the clock. Remember that the clock must be held vertically while making this adjustment.

### 6. Setting the clock hands

Set the time by moving the minute (long) hand clockwise as required. Allow the clock to run for 1 hour. If the number struck does not match the hour indicated, push the hour (short) hand to the correct position.

### **a. Strike Clocks**

(Two winding holes). Move the minute hand clockwise to the desired time. The clock will now strike once on the half hour and the number indicated by the hour hand on the hour. The left keyhole is for winding the strike and the right is for the time.

### **b. Chiming Clocks**

(Three winding holes). Move the minute hand clockwise to the desired time. The clock will now progressively increase the Westminster chime melody each quarter and strike the time on the hour. The left keyhole is for winding the strike, the right is for the chime and the middle the time.

To silence the chime use the lever visible on the left side of the dial. Push the lever down for silent running.

### **c. Triple Chime clocks**

(Three winding holes). Set the time by following the same procedure outlined for chime clocks. Select the preferred melody by moving the lever visible on the right side of the dial. The options are St. Michael, Whittington and Westminster. Never move this lever while the clock is chiming! The chimes will silence if you push the lever to the silent (top) position.

**Note.** It is recommended that chime movements are silenced when setting the time through the quarters. The built in chime synchronisation feature will automatically correct the chime and strike sequence in the following hour.

If your clock is fitted with the auto-night silence lever (see illustration), push the lever

up to silence the chimes automatically between 10pm and 6.45am. If the night cycle begins 12 hours early, move the minute hand 12 hours forward.

## **7. Regulating the clock**

The accurate running of your clock was checked before leaving our factory. Nevertheless, after the clock has run for several days you will observe whether further adjustment is necessary. If the clock is fast, turn the rating nut below the pendulum disc to the left, making the pendulum longer. If the clock is slow, turn the nut to the right, making the pendulum shorter. One complete turn of the regulating nut corresponds to a time difference of approximately one minute per day. Make small incremental turns of the regulating nut checking the effect for 24 hours between adjustments. An accuracy of +/- 3 minutes a week can be achieved.

**Note.** If your pendulum is fitted with a gridiron it must be positioned directly on the disc. (See illustration.)

### **Warranty and Lifetime Product Support Service**

Please return the product registration card to benefit from our extended warranty against mechanical failure and after sales service. It is recommended that the product packaging is retained for at least the warranty period.

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