

# Instruction Sheet for 4 in 1 Instrument

## (Barometer / Thermometer / Hygrometer / Clock)

### Barometer

General remarks. Air pressure is a factor determining the weather we enjoy, and a barometer is an instrument designed to record changes in air pressure.

Check the reading on your barometer daily, if possible at the same time each day. The changes in air pressures interpreting the following:

**-Increasing Pressure:** movement of pointer in a clockwise direction suggesting improving weather.

**-Decreasing Pressure:** movement of pointer in an anti-clockwise direction suggesting deteriorating weather.

**-Steady Pressure:** typical of extended fine weather periods, suggesting more of the same weather.

Before leaving the factory, your barometer was calibrated to standard air pressure at sea level (0 metres/feet). Since your place of residence is almost certainly some distance above sea level, the barometer must be recalibrated to the height at which it is to be used, since air pressure drops with increasing altitude above sea level.

How to adjust the barometer to the correct height setting?

Turn the screw on the back side of the movement to set correct pressure reading according to the details broadcast by local radio or TV stations. After adjusting the barometer in this manner, it will enable you to forecast local weather conditions for the following 24 – 48 hours.

### Thermometer

This instrument is accurately calibrated before leaving the factory. If the pointer setting needs correction on account of disturbance by external influences, turn the adjusting slot on the back of the instrument to reset.

### Hygrometer

With the hygrometer (humidity gauge) you can check relative air humidity. The most suitable air humidity level for living rooms is between 50% and 75% at a room temperature of approx. 21 °C (70 °F). The instrument was calibrated before leaving the factory, and needs no further adjustment.

Adjustment of the Hygrometer:

Due to transportation, this instrument may be off scale. To adjust, put damp cloth on the back of the humidity indicator for 30 minutes. The scale should then read approximately 95. If it reads a lower number or is off scale completely, merely turn screw on back until the pointer is on 95. The humidity indicator will then start to operate again. To maintain accuracy of the instrument, it is advisable to repeat this procedure every six months.

Note: Thermometer accuracy:  $\pm 2^{\circ}\text{C}$

Hygrometer accuracy:  $\pm 5\%$

### Clock

Insert a 1.5v battery into aperture as indicated on the movement. Leak-proof, long-life alkaline types are strongly recommended. Then, set to correct time by turning the hand-set knob.