

TIME & TIDE CLOCK

Operating Instructions:

TIME

- 1) Insert AA alkaline battery. Follow diagram on battery housing to make certain battery is not put in backwards. Use only alkaline batteries as they have longer shelf life and are less prone to leakage.
- 2) To advance hour and minute hands, turn knob counter-clockwise. To reverse, turn clockwise.

TIDE

- 3) At the appropriate time, set the tide hand to high or low tide using the adjustment knob. **NOTE:** It is normal for the tide hand to have some "play" to it. This allows for proper rotation of the hand. **PLEASE NOTE:** Tide fluctuations (high and low tide) vary from one given place to another. The tide hand therefore will indicate high and low tide at a particular place or area only. Official Tide Tables - available at Harbour authorities, etc. - will supply the exact time of full or high tide. High and low tides have a fluctuation rhythm between 12 and 13 hours. Therefore, the tide indicator will show average values only, which for general requirements will be fully satisfactory. This tide schedule is geared to tides for the east coast of North America. They will not accurately depict tides for the west coast.
- 4) It should be noted that other variables such as wind, atmospheric pressure, the relative position of the moon, and the elliptical pattern of the sun will affect the tide slightly. These phenomenon least affect the tide at the time of the full moon. For this reason, the time of the full moon and to a lesser extent, the new moon are generally the best times to set your tide clock. Even though you may experience some slight variations during the days to come, you will find that they will "average out" and by the time of the next full moon, your tide clock will accurately depict the correct time of flood and ebb stages. **CAUTION:** FOR THE ABOVE REASONS, IF THE EXACT TIME OF TIDE STAGES IS ESSENTIAL FOR NAVIGATION, ETC., WE SUGGEST YOU CONSULT A TIDE TABLE.
- 5) If clock stops, it is most likely due to a dead battery. Remove dead batteries immediately as they will leak acid causing damage to the movement and void warranty.*
- 6) If clock is left unattended for long periods, the battery should be removed, otherwise, it could become dead and leak acid causing movement damage and void warranty.*

Weems & Plath®