

# TIDE CLOCK

## Operating Instructions:

- 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 life and are less prone to leakage.
- 2) Tide Time - 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. At the appropriate time, set the tide indicator dial to high or low tide using the tide knob on the back of the movement. PLEASE NOTE:  
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.
- 3) 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.\*
- 4) 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.\*

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.

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